

UNIVERSITY OF THE PHILIPPINES MANILA
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DEPARTMENT OF PHYSICAL SCIENCES AND MATHEMATICS

IBUDGETMo ONLINE PLATFORM (IBMOP):
PARTICIPATORY BUDGETING AND PROJECT
MONITORING THROUGH A GEOGRAPHIC
INFORMATION SYSTEM

A special problem in partial fulfillment
of the requirements for the degree of
Bachelor of Science in Computer Science

Submitted by:

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ACCEPTANCE SHEET

The Special Problem entitled “iBudgetMo Online Platform (iB-MOP): Participatory Budgeting and Project Monitoring Through a Geographic Information System” prepared and submitted by Cara Jane C. Chongco in partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science has been examined and is recommended for acceptance.

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Abstract

The IBudgetMo Online Platform (IBMOP) is a participatory budgeting project for barangays in Caloocan City by the ANSA-EAP organization. This study proposes an online platform for barangay project proposals that may be identified and decided upon by barangay citizens according to their priority needs. Furthermore, a GIS will visually tag the location of the on-going projects on maps, which will be used for monitoring a project's current progress.

Keywords: e-government, e-democracy, GIS, barangay, participatory budgeting, project monitoring

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I. Introduction

A. Background of the Study

In a society, it is the responsibility of a government to provide communities with public goods, services, and entitlements to impose order and cooperation from the people [1]. Public consultations with the citizens in a community are necessary in order to know what the people exactly need, most especially in creating new policies and programs. National governments have recognized web-based Information and Communications Technology as a necessary part of outreach to its citizens since the 1990's, and e-government and e-democracy have been among the most significant innovations [2]. These technologies have the potential to reshape governance in the future.

E-democracy represents the use of information and communication technologies and strategies by democratic actors within political and governance processes of local communities, nations, and on the international stage (Clift, 2004). To many, e-democracy suggests greater and more active citizen participation enabled by technology, such as the internet, mobile communications, and other technologies in today's representative democracy as well as through more participatory or direct forms of citizen involvement in addressing public challenges.

The Affiliated Network for Social Accountability in East Asia and the Pacific (ANSA-EAP) Foundation Inc. aims to connect citizens and governments to improve governance [3]. In January 2014, the organization spearheaded the IBudgetMo initiative in Caloocan City, Philippines. As a result of a commitment from the Caloocan City government, the IBudgetMo pilot run in Barangay 176 and Barangay 177 were already conducted in July 2014. IBudgetMo addresses the citizen concerns regarding creating projects that are more significant to the majority of the community needs. Among its initiatives also promotes budget transparency and literacy; in effect, citizens become more aware of the financial feasibility of the projects in their community. Moreover, it also focuses on con-

structive engagement and citizen monitoring of the local government projects by creating an online platform for community feedback and government response to ensure effective and efficient implementation of the projects in a barangay [4]. The system that is created for this project is the online platform for community feedback, an e-democracy implementation.

In this study, Geographic Information System (GIS) technology is being used to visualize, identify, and monitor the geographic location of the on-going and completed projects. The rating of the project will depend on the color of its marker, following a five-point color scheme.

B. Statement of the Problem

The participation of citizens in decision-making processes for their community is considered of high importance. However, public consultations, especially for new policies and programs, is not often considered in the local government of Caloocan City. In effect, majority of the citizens complain about the non-significance of some projects in their area. Some projects conducted in the barangay were not catered to the citizens' current concerns. The IBudgetMo initiative was implemented to help address to this problem, through a participatory project proposal system.

The pilot run of IBudgetMo was done manually, from gathering barangay citizens for meetings, approval of projects, to the voting procedure. Even though a barangay is considered a small unit of a Philippine community, it was still difficult for barangay meetings to be conducted. First, citizens and barangay officers do not usually have a common free time, and consultations with both parties seemed to be inefficient. Second, these two barangays are considered among the most populated in the Philippines. Barangay 176 alone shelters 243,890 residents while Barangay 177 has 75,548 residents; therefore, it was difficult to gather majority of the interested citizens for meetings. Lastly, it was also difficult for citizens to constructively track the progress of the projects that they proposed, since there is no basis for monitoring a project's progress.

There are no other existing ways to directly and clearly implement consultations for both citizens and barangay officers other than a conventional (face-to-face) method. The use of Information and Communications Technology for the IBudgetMo initiative may be adopted and implemented as a means for improving public government performance. Through the use of an e-democracy model, there can be a tool to address majority of the discussed concerns through constructive engagement and citizen monitoring. This is believed to promote citizen participation as well [5].

C. Objectives of the Study

This research aims to create a project proposal online platform for citizens to engage with the government when it comes to their community's primary concerns. Citizens are also encouraged to participate in creating a budget development proposal, in order to know the financial feasibility of the projects.

The system includes the following functionalities:

1. Allows a barangay citizen to:
 - (a) Log-in to IBudgetmo Online Platform (IBMOP)
 - (b) Input a new community project proposal
 - (c) Fill out a project proposal and/or budget development form
 - (d) Vote for an existing project during voting period
 - (e) Monitor on-going projects based on geographical areas
 - (f) Rate a project's progress using an action plan
 - (g) View existing approved community project proposals that are ready for voting

2. Allows a barangay officer to:

- (a) Log-in to IBMOP
- (b) Specify the date for a voting period
- (c) Receive notifications based on a new project proposal submitted by a citizen
- (d) Approve a project proposal that should be ready for voting
- (e) Approve a project proposal with additional comments - to be returned to the citizen who submitted the proposal
- (f) Announce results of proposal votes (top proposals will be specified as projects)
- (g) Input additional information about projects once budget is finalized - address, start and end date
- (h) View approved community project proposals that are ready for voting
- (i) View unapproved or rejected project proposals
- (j) Monitor on-going projects based on geographical areas

3. Allows a barangay sanggunian officer to:

- (a) Log-in to IBMOP
- (b) Once voting period is over, finalize a project's actual budget
- (c) View approved community project proposals that are ready for voting
- (d) Monitor on-going projects based on geographical areas

4. Allows the system administrator to:

- (a) Log-in to IBMOP
- (b) Approve pending accounts
- (c) Manage user accounts and their roles

D. Significance of the Project

To address the problems previously discussed, a system that enables citizens in a barangay to express the needs of their community through a participatory project proposal system is designed. This is believed to promote heightened responsiveness and responsibility not only for the involved citizenry but also for local officials. Giving the citizens in a barangay a power to help propose projects will not only let them know if their project proposal is financially feasible, but it may also strengthen their public trust with the government [6, 7]. In addition, getting ordinary citizens involved will make sure that projects become relevant to the concerns of average citizens, and it also strengthens civil society groups' efforts at monitoring and auditing public projects and services in a systematic way [8].

A voting process will be done by the citizens in order to specify which among their needs are the most urgent or most needed. The barangay officers will choose the project proposals with the most number of votes. Once a project proposal's actual budget is approved by in the city level and returned to the Sanggunian, citizens may monitor a specific concern in their area by looking at a geographical-based report, which is based on the ratings by the citizen who proposed the project based on the project's action plan.

The citizens and the barangay officials will be able to see the concerns in their area right away since the project monitoring is represented through a geographic information system. The GIS technology will be used by the citizens who will be rating the on-going projects through the project's action plan. The over-all rating will be reflected through the color of the project marker on a map.

All in all, the system serves as a tool for the citizens in a barangay to engage with the government when it comes to addressing their own needs. An e-democracy system helps implement this since it gives a citizen a more accessible mean to participate with the barangay officers' decisions: generation of ideas through expressing the need of the community, participatory budgeting, and project monitoring. The impact of an e-government is said to improve the

citizens' trust and overall relationship with the government [9], and participatory budgeting is expected to improve this in a barangay setup as well.

E. Scope and Limitations

The scope and limitations of the project is listed as follows:

1. The system only follows the budget cycle in a barangay. The process happens once a year only.
2. The system is only designed for barangays under Caloocan City
3. Project proposals can only be under a barangay setup (at most)
4. Mechanics of proposals' approval by the barangay officers is outside the system
5. Mechanics of a sanggunian official's submission to city funds, and its changes, is outside the system
6. Regular projects in a barangay, those that are not involved in participatory budgeting, are not included in the system

F. Assumptions

This project has the following list of assumptions:

1. The information put in by a user are assumed to be true
2. The users of the system are assumed to use the system with integrity and responsibility
3. Approved users must be residing in the barangay for at least six months for one's account request to be enabled
4. Delinquent citizens of a barangay will be set to disabled status by the administrator

II. Review of Related Literature

An information system is a set of interrelated components that collect, manipulate, store, and disseminate data and information and provide a feedback mechanism in order to meet an objective. It is the feedback mechanism that helps organizations achieve their goals [10]. The use of information systems and digital data is proven to be helpful in different fields. Nowadays, most institutions use an electronic record keeping system because of the numerous advantages it provides, which include automated functions for searching and reporting information, and a safe way to store records and back them up in case of emergency [11].

One of the many subcategories of an information system is an electronic government, or e-government, which refers to The utilization of Information and Communication Technologies (ICTs), and other web-based telecommunication technologies to improve and/or enhance on the efficiency and effectiveness of service delivery in the public sector (Jeong, 2007). This model has been recognized as an important managerial reform over the past 15 years. The internet is considered as a new sphere of influence with people and it has begun to approach, if not pass, a tipping point at which the social shaping and implications of the internet are becoming more apparent (Dutton et. al., 2009). Currently, the internet is said to be a medium for citizens in general; hence, the potential for e-democracy [12].

E-democracy is a form of government model in which all adult citizens are presumed to be eligible to participate equally in the decisions of a government such as the proposal, development, and creation of laws, through the use of electronic media [9]. As described by Backus (2001), its underlying goal is to move citizens from passive information access to an active participatory governing process.

The use e-government is shown to be effective in rebuilding citizen trust in public administrations. It is also shown that one factor that influence the trust of the public when the citizens have a favorable attitude towards e-government [6]. Another way that an e-government influences positively is that it reduces the benefits on engagement on corruption because it prevents overbilling, and citizens

(informally) and agencies (formally) get to control public decisions since they have better access to information [7]. This, also, in effect, encourage citizens' participation and for them to obtain public services online and resulted to a promotion of the citizens' interest for participating in local issues.

Several factors are shown to affect the effectiveness of an e-government model. First, it was suggested that ICT utilization could be used if the internal operations in a government agency is first improved before it can be used to improve its relationships with its constituents, which is included in one of the goals of IBMOP [13]. Second, an individual's attitude should also be considered since it affects several variables related to e-democracy adoption such as attitude, subjective norms, and perceived behavioral control [14]. Third, it should go beyond a passive interest a mutual two-way participation is expected to happen in the future [15].

An example of an e-democracy application was done in a study in Manchester, United Kingdom was done to demonstrate how an online sphere was used to influence the recent Manchester Congestion Charge referendum. The issue with the Manchester Congestion Charge scheme is considered to be the most important issue that has affected the area in a long while since almost everybody had an opinion about this. Civic activists were able to have their voices heard through the internet since the usage of an online network is considered to have a local political influence on people. Because of this, we can say that the internet can become a tool for a transformative process in the society, but not necessarily depend on it for a greater democracy all in all [16]. Another way that e-democracy may be used is through providing a medium for citizens to express their complaints on everyday issues. It is also suggested that collective-oriented participation devices, such as forums, polls, council meetings, and interactive consultations may be used [17]. Because of this, we can also say that the internet sparks new forms of civic engagement that differ from previous forms, and has become a medium for citizens to participate in political issues is a supplementary action to, rather than replacing, the traditional activities to political participation [18].

Two tools for online government participation of citizens, DEMOS-Plan and the Electronic Town Meeting, are used across several regions of Europe such as UK, Italy, Finland, and Cyprus. As these tools were deployed, it was shown that these tools enabled regular consultation of citizens and stakeholders with their government through the following policy domains (among others): Spatial Planning, Socio-Economic Programming, Strategic Environmental Assessment, and Open Government. DEMOS-Plan, in particular, enables government authorities to conduct formal and informal consultations with the general public online, which includes a participatory planning process. Significant cost savings are achieved [19].

Electronic Town Meeting (eTM) tool also aims to improve citizen engagement in policy-making process with the government, where they can express their opinions towards specific projects. It was deployed in Northern Ireland, and its users had a positive reaction towards development of public policies as most of the participants would want to use this tool for future consultations [20].

Project eDem 1.0 is a participatory budgeting software platform, based on a social networking structure, aimed to enhance the process of participation and consultation between citizens and government in Rome. Online and conventional (offline) tools for participatory budgeting were used for the project. The success of project eDem helped heighten public awareness of the project proposals, and also improved relationships between citizens and politicians [21].

E-government also uses Geographic Information Systems (GIS) to further improve on the services that it can provide. For example, GIS is used in using local data maintained by a government firm such as rough descriptions on roads, colonies, railway tracks, organizations, bridges, buildings, airports, and everything else that would require a map speak have an actual transition from a single data to actual GIS data. It is shown to be an effective tool for visualization and monitoring. [22].

Furthermore, some applications of GIS in E-Government include achieving

error-free tax collections in municipalities, monitoring and tracking solid waste management, spatial information for suitable sites of development of knowledge based industries, among others [23].

III. Theoretical Framework

A. Barangay

A barangay, a local government unit (LGU), is considered the basic political unit in the Philippines. It serves as the primary planning and implementing unit of government policies, plans, programs, projects, and activities in the community, and as a forum wherein the collective views of the people may be expressed, clarified, and considered, and where disputes may be amicably settled [24].

In each barangay, there are chief officials: one Chief Executive or Punong Barangay and seven Legislative Body or Sangguniang Barangay members, a Sangguniang Kabataan chairman, a Barangay Secretary, and a Barangay Treasurer. There also exists a Lupong Tagapamayapa, whose power include performing community brigades and may create other positions or offices as may be deemed necessary to carry out the purposes of the Barangay government. The Punong Barangay, Sangguniang Barangay members, and members of the Lupong Tagapamayapa shall be deemed as persons in authority in their jurisdictions, while other Barangay officials and members are in charged with the maintenance of public order, protection and security of life and property, or the maintenance of a balanced environment [24].

B. Participatory Budgeting

Participatory Budgeting is a specific program for direct citizen participation that was developed in Porto Alegre, Brazil in 1989, designed to:

1. Allow ordinary citizens to debate and decide on the priorities of the public budget
2. Enhance people's participation in governance by using participatory budgeting as a school for citizenship

It is believed that participatory budgeting is a process that will deepen democracy in local areas by strengthening its participatory mechanisms, and more importantly, empowering people towards meaningful and constructive participation in public affairs. The need for participation is considered important because it fosters good governance, promotes transparency, increases social justice by involving the poor and excluded, and helps individuals become better citizens [8].

More than 1,600 local government units (LGU's) from the world have applied participatory budgeting, such as Chicago and New York in the US, UK, Spain [15], Germany [25], Nigeria, South Korea, and Venezuela.

In the Philippines, the Philippine Center for Civic Education and Democracy use Participatory Budgeting that piloted in Sorsogon City, Irosin and Bulusan in 2009 [26]. Furthermore, one of the most recent projects in the Philippines regarding participatory budgeting is the Grassroots Participatory Budgeting (GPB) that piloted in 2012, approved by the Department of Budget and Management, which focuses on city or municipality-level development. Its goal is to create a venue where citizens get to have a chance to express their community's needs, and join the local governments into creating concrete solutions to the current problems with their community needs [27]. It is now its third cycle, and has expanded to 1,590 cities and municipalities; in addition, it has resulted in an allocation of Php 21 billion for 16,000 locally identified projects to be included in the 2015 National Budget [28].

C. IBudgetMo

IBudgetMo Project is an innovative take on participatory budgeting. It aims to complement and supplement existing participatory budgeting mechanisms by employing the use of information and communication technology (ICT) to assist in community mobilization and citizen involvement in identifying project prioritization.

The goal is to establish an online-offline platform, with a specific focus on

constructive engagement and citizen monitoring of the local government budget. The online platform broadens means for community feedback and government response [4]. The proposed system for the online platform will follow this process:

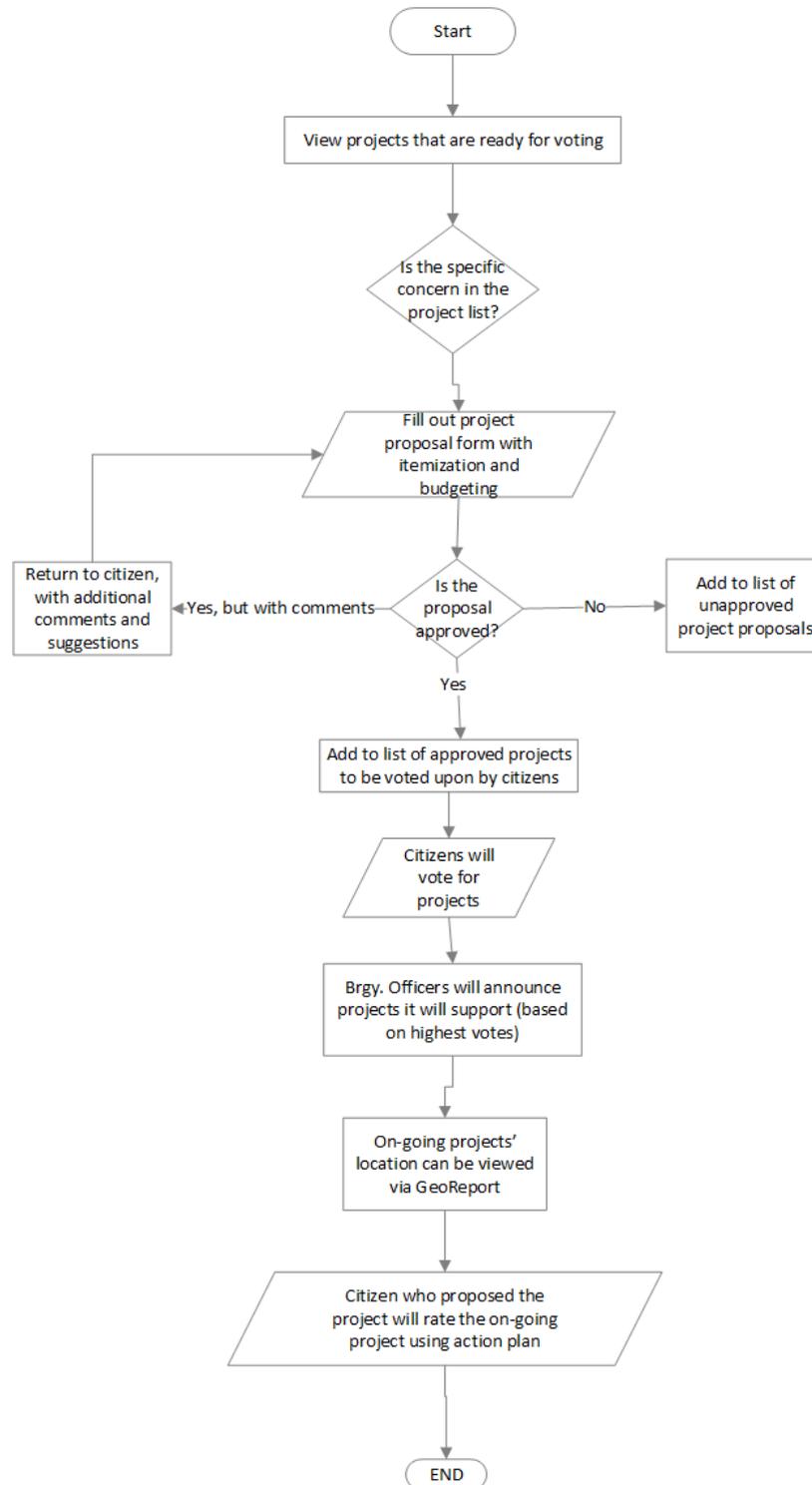


Figure 1: Proposal System for the Online Platform of IBudgetMo

D. Affiliated Network for Social Accountability in East Asia and the Pacific (ANSA-EAP)

In the Philippines, the Affiliated Network for Social Accountability in East Asia and the Pacific (ANSA-EAP) Foundation Inc., is a non-stock, non-profit corporation in the Ateneo School of Government, which aims to connect citizens and governments to improved governance [4]. It aims to institutionalize social accountability by making it a prevailing approach in holding the state to account. It has developed a two-pronged approach to networking: one, through conventional face-to-face approaches; and two, the use of internet-based technology, especially social networking tools. They also aim to create opportunities, content, and operational strategies for improving social accountability [29].

Previous projects of ANSA-EAP include Checkmyschool (Cambodia and Philippines), Open Contracting, Enhancing Transparency Impact, Citizen Participatory Audit, among others [30].

E. Information System

An information system (IS) comprises of hardware, software, and telecommunication networks that is designed to make decisions, solve problems, and manage information to fulfill its objective, usually for the purpose of organizations. An IS captures data as input and produces the desired output in the forms of reports, documents, summaries, decisions, and alerts [31].

F. Relational Database Management System

Database management system (DBMS) is a program that manages and controls a database. DBMS is used by users to access data in the database. DBMS ensures security and integrity through uniformly managing the database [32]. Some popular DBMS's are MySQL, SQLite, Oracle, and SQL Server.

G. Geographic Information System

Geographic Information System (GIS) is a tool for working with geographic information. Key functions that set GIS apart from other kinds of information systems is that a GIS user can expect support from the system to enter a geo-referenced data, to analyze it in various ways, and to produce presentations, such as maps, from the data.

Presentations through GIS would include support for various kinds of coordinate systems and transformations between them, options for analysis of the georeferenced data, and a large degree of freedom of choice in the way the information is presented, such as a color scheme, a symbol set, and medium used [33].

H. GeoReport

The GeoReport API allows developers to build applications to report non-emergency issues directly to government organizations like cities and countries. It allows to generate reports based on thematic maps (Cartographical Reports) [34], representing cartographical information that is collected from different sources (such as SHP, GeoJSON, WMS, WFS, WCS, GoogleMap, OpenStreetMap) and linked with external data.

GeoReport is a configurable application, which allows users to easily set all the parameters needed for executing reports, visualizing maps, recovering data, setting indicators and allowing maps thematization [35].

The Participatory Budgeting Project (PBP), a non-profit organization that began in Brazil and has a headquarters in New York, uses GeoReport to track the progress of their projects. The following figure shows the progress of their projects in Europe [36].



Figure 2: An example of the use of GeoReporting in Participatory Budgeting

I. Google Maps API

Google Maps application programming interface (API) is a web-based mapping tool owned by Google Incorporated that offers powerful, user-friendly mapping technology and local business information which includes driving directions, contact information, and business locations [37].

Mashups are web pages or applications that are based on combined data or functionalities from different sources. Geospatial data visualization tools are important in many of the popular mashups and Google Maps API provides a way for programmers to use the power of Google Maps into their own application and integrate their own data efficiently [38].

J. MySQL

Modern GIS software relies on the idea of storing descriptive information in a set of database management system tables. The use of Structured Query Language (SQL) is important for the formulation of database queries based on logical or mathematical search operators [39]. MySQL, developed by Oracle Corporation, is the most popular Open Source SQL database management system. It is used for adding, removing, and modifying information in the database [40].

There are various applications where MySQL can be used, but it is widely used

on Web servers, those Web pages that access information from a database. Many database-driven website that use MySQL also use a Web scripting language like PHP to access information from the database.

K. Hypertext Preprocessor (PHP)

PHP is a scripting language specifically designed for the use in Web development. It is an embedded language when used in Web pages, meaning, PHP code is embedded with HTML code. Although it is mainly used for server-side scripting, there are a lot more areas where PHP scripts can be used, such as command line scripting and writing desktop applications. One of its strongest and most significant features in PHP is its support for a wide range of databases [39].

L. Model-View-Controller

The Model-View-Controller (MVC) is an object-oriented framework designed to provide an abstracted access to large and complex data set for the user. Since it helps avoid the tendency of aggregating interfaces, it makes the code more maintainable [41]. The software is divided into three parts as a result of the abstraction:

1. Model - contains data, or representational state information in its most basic form
2. View - creates analyses of the representational state contained in the model; presents data
3. Controller - encapsulates all interaction with the underlying system functionality; processes the events affecting the model or the views

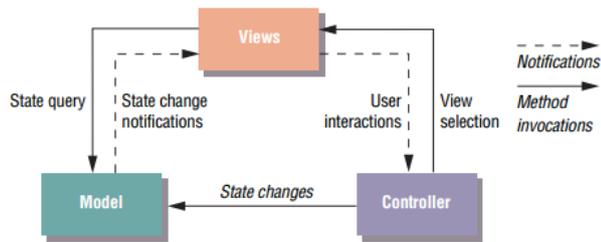


Figure 3: The Model-View-Controller Design Pattern

M. CodeIgniter

CodeIgniter, is an open source development framework for PHP by EllisLab for the development of full-featured web applications. Furthermore, it is now a project under the British Columbian Institute of Technology.

CodeIgniter provides support for MySQL, and also follows the Model-View-Control (MVC) object-oriented framework, which helps the developer provide standard encapsulated functionalities [42].

IV. Design and Implementation

A. Context Diagram

The IBudgetMo.org Online Platform (IBMOP) has four types of users: Citizen, Barangay Officer, Sanggunian, and System Administrator. The context diagram of the system is shown in the following figure:

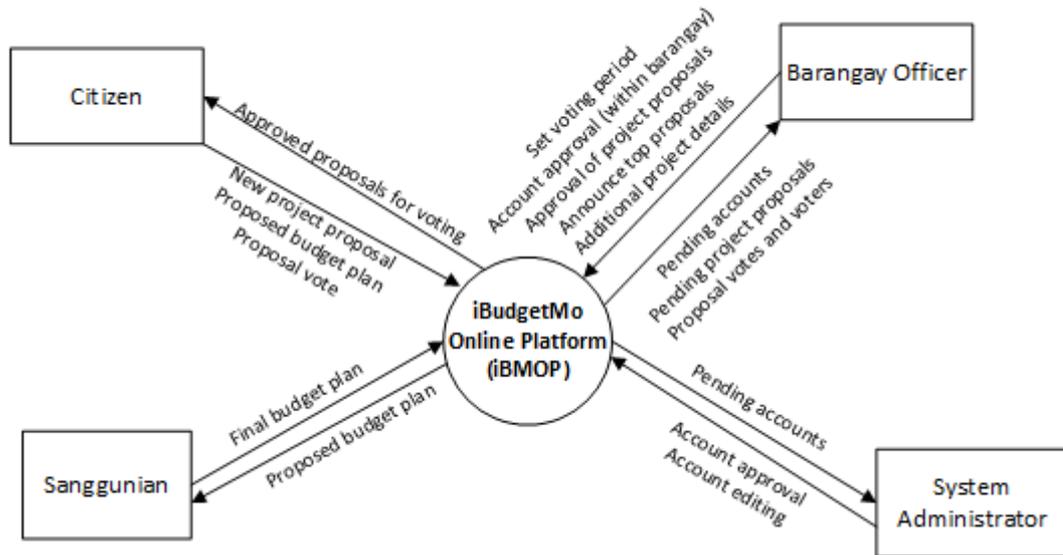


Figure 4: Context Diagram of IBMOP

The context diagram in Figure 4 shows the interaction of the IBMOP system with external entities, which are the users of the system. First, Citizen user type is responsible for creating the project proposals in the system. For each proposal created, a budget proposal may also be specified. A Citizen user type is also responsible for voting for the project proposals in the system. Second, the Barangay Officer user type will be setting the voting period for the barangay, and will also be deciding if a project proposal's objectives is significant enough to be voted upon. Then, this user type will also announce the proposals with the top votes that will become projects, and also specify its additional details. Third, a Sanggunian user type will be able to see the proposed budget plan for a project proposal in the system, and then be able to add the actual budget plan for this project if it is among the proposals with top votes. Lastly, the System Administrator will be enabling the pending accounts in the system, and also edit each account's details.

B. Use Case Diagram

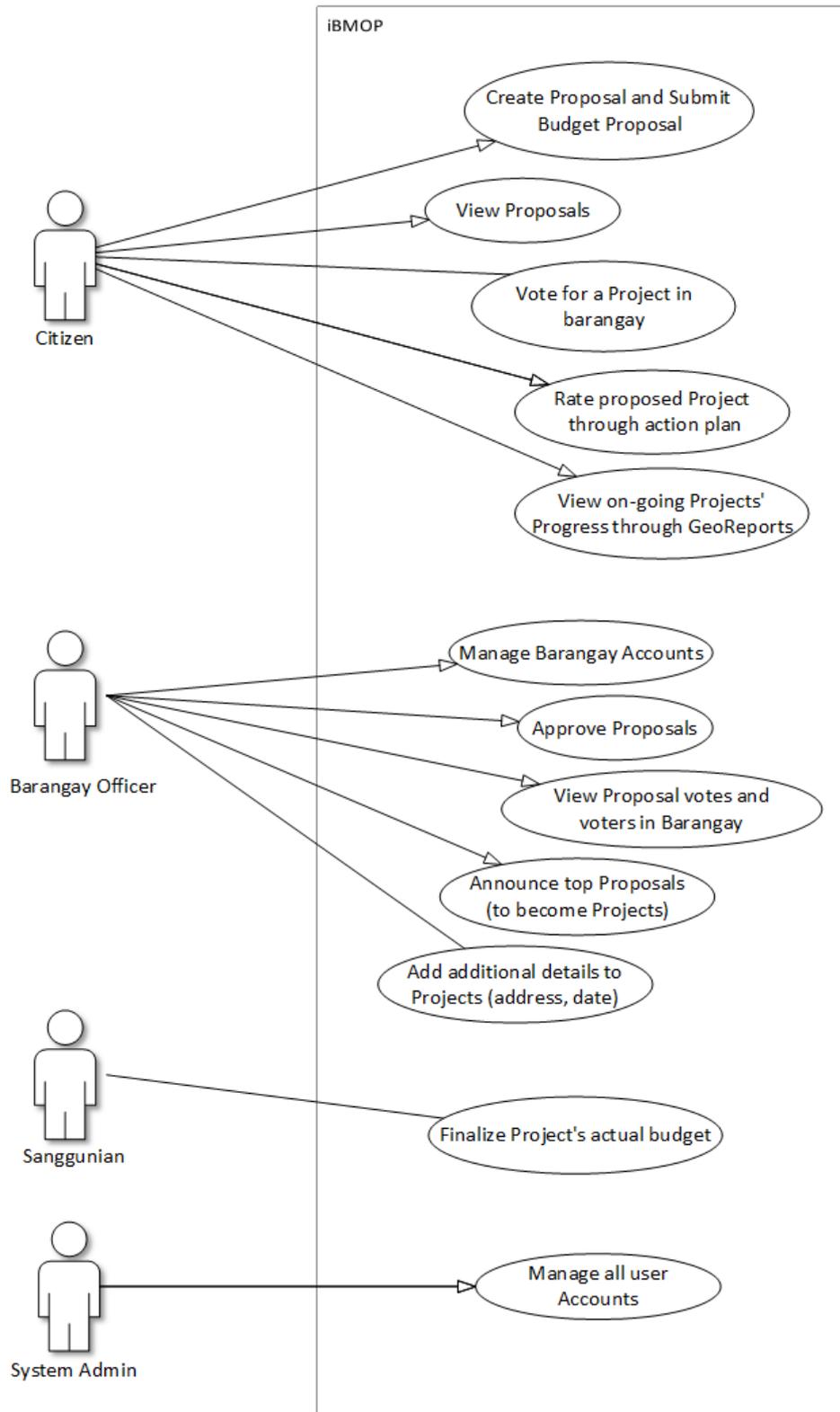


Figure 5: Use Case Diagram for IBMOP

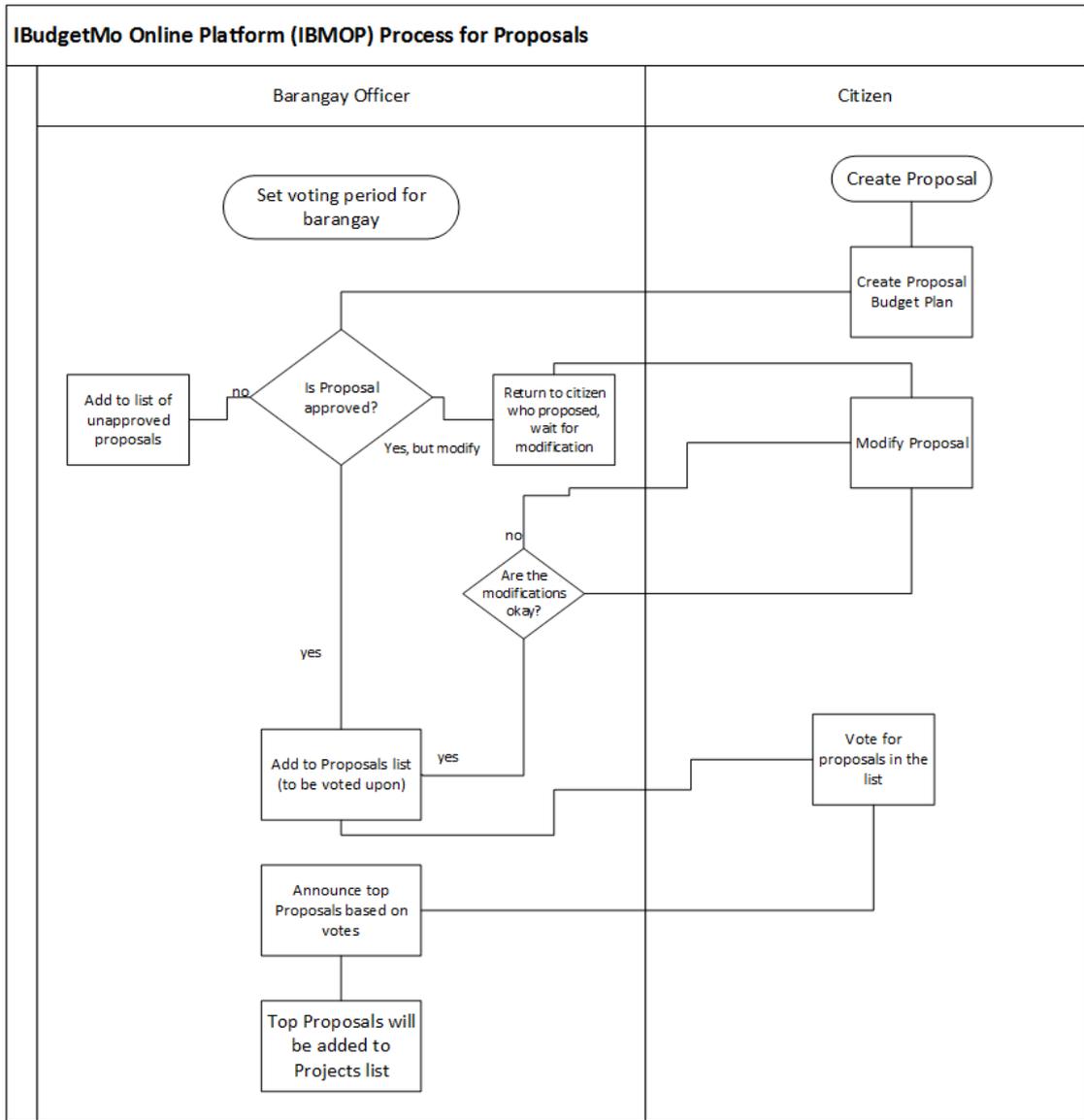


Figure 7: Activity Diagram for Proposal Submission

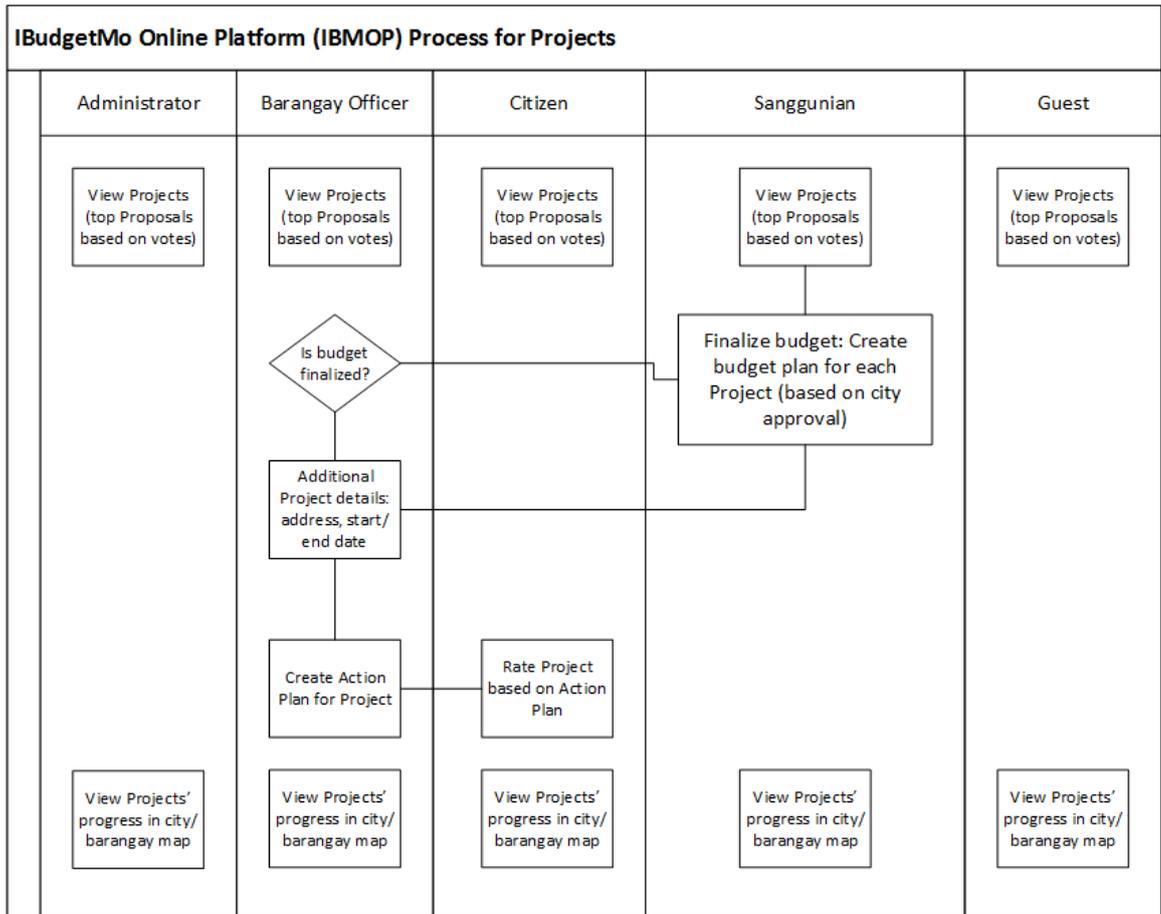


Figure 8: Activity Diagram for Project Approval and Finalization

D. Database Design

Entity Relationship Diagram (ERD)

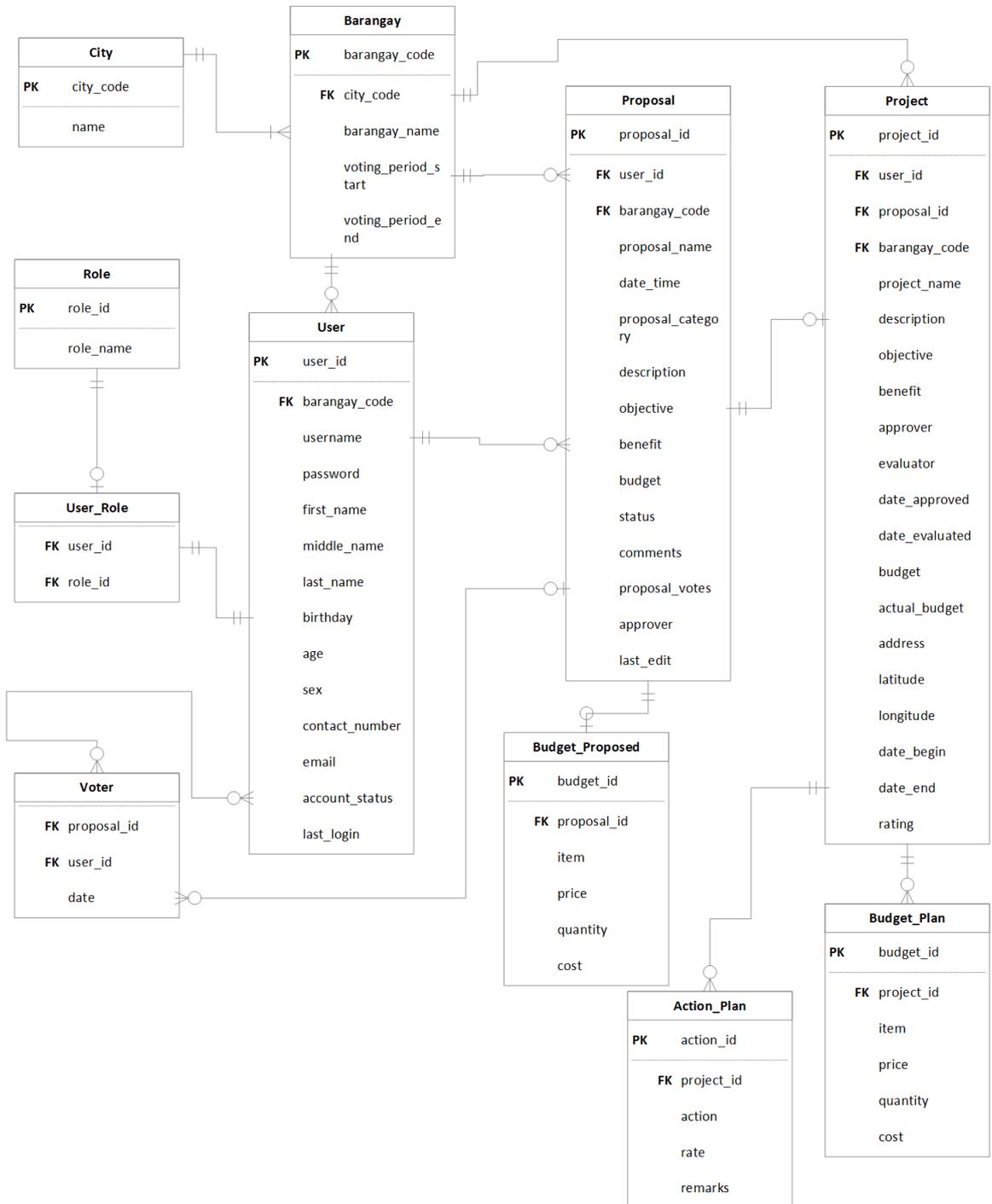


Figure 9: Entity Relationship Diagram for IBMOP

Figure 9 shows the entity relationship diagram of IBMOP. The *city* table contains the cities that are involved in the system. Only one city, Caloocan City, is used in IBMOP. Each city can have one or more barangays. Barangays are stored in the *barangay* table, and the barangay names are inserted beforehand. This information can also be downloaded from the *ibmop* database. Each barangay can have one or more users; moreover, each user can have one and only one role. Users are stored in the *user* table. A role is the level of access of each user, namely: Citizen, Barangay Officer, Sanggunian, and Administrator.

In each barangay, there are one or more project proposals that is proposed by exactly one user. However, a user may also propose more than one proposal. A project proposal is stored in the *proposal* table, and may or may not have a budget proposal. A project proposal's budget plan is stored in the *budget-proposed* table. Furthermore, a proposal may have zero to many votes, depending on the number users who vote for it. The voters for a project proposal are stored in the *voter* table.

If project proposal gets one of the highest number of votes, it becomes a project, and will be stored in the *project* table. Its actual budget plan becomes stored in the *budget-plan* table. A project may have no budget plan but this will prevent further action in the system, so it is highly suggested that the Sanggunian finalizes the budget plan for each project. When this is accomplished, a Barangay Officer may now add additional details in the *project* table, such as its address and dates. An action plan, or steps needed to complete a project, will also be added by the Barangay Officer and it will be stored in the *action-plan* table. Unless a project has an accomplished action plan, the Citizen will not be able to rate a project.

Data Dictionary

Field	Data Type	Description
city_code	int(5); Primary Key	city identification number
name	varchar(25)	name of city

Table 1: City Table

The City Table identifies a city to a province by its name and code.

Field	Data Type	Description
barangay_code	int(5); Primary Key	barangay identification number
city_code	int(5); Foreign Key	city identification number
barangay_name	varchar(50)	name of barangay
voting_period_start	date	beginning of barangay voting period
voting_period_end	date	end of barangay voting period

Table 2: Barangay Table

The Barangay Table identifies a barangay to a city by its name and code.

Field	Data Type	Description
user_id	int(5); Primary Key	auto-incrementing user identification number
username	varchar(20)	username used in logging in
password	varchar(50)	password used in logging in
first_name	varchar(20)	first name of the user
middle_name	varchar(20)	middle name of the user
last_name	varchar(35)	last name of the user
barangay_code	int(5)	barangay code where the user belongs
address	varchar(50)	address of the user
birthday	date	birth date of the user
age	int(3)	age of the user
sex	enum('male', 'female')	sex of the user
contact_number	varchar(30)	contact number of the user
email	varchar(50)	email address of the user
account_status	enum('pending', 'enabled', 'disabled')	account status
last_login	datetime	last time the user has logged in

Table 3: User Table

The User Table contains information about the users of the system.

Field	Data Type	Description
role_id	int(5); Primary Key	auto-incrementing role identification number
role_name	enum('admin', 'barangay_officer', 'citizen', 'sanggunian')	readable name that identifies the role

Table 4: Role Table

The Role Table contains information about the roles in the system.

Field	Data Type	Description
user_id	int(5); Foreign Key	auto-incrementing user identification number
role_id	int(5); Foreign Key	auto-incrementing role identification number

Table 5: User Role Table

The User Role Table contains information about the roles of users of the system.

Field	Data Type	Description
proposal_id	int(5); Primary Key	auto-incrementing proposal identification number
proposal_name	varchar(50)	name of project proposal
user_id	int(5); Foreign Key	auto-incrementing user identification number
date_time	datetime()	date and time of proposal submission
proposal_category	varchar(50)	category for clustering different proposals
description	varchar(500)	additional details of project proposal
objective	varchar(300)	main objective of the proposal
benefit	varchar(550)	community benefits of the proposal
budget	float(10,2)	proposed budget for a project proposal
proposal_votes	int(100)	number of votes of the proposal
status	enum('approved', 'approved with comment', 'not approved')	approval status of the project proposal
comments	varchar(200)	additional comment and suggestion of approver for the project proposal
approver	varchar(30)	person who approved the proposal
barangay_code	int(5)	barangay_code of barangay where proposal is submitted
last_edit	varchar(30)	person who last edited the proposal

Table 6: Proposal Table

The Proposal Table contains information about the project proposals that are yet to be approved.

Field	Data Type	Description
project_id	int(5); Primary Key	auto-incrementing approved project identification number
project_name	varchar(50)	title of the project
proposal_id	int(5); Foreign Key	auto-incrementing proposal identification number
user_id	int(5); Foreign Key	auto-incrementing user identification number
description	varchar(500)	description of problem statement of the project
objective	varchar(300)	main objective of the project
benefit	varchar(550)	community benefit of the project
approver	varchar(30)	barangay officer who announced the project as top project
date_approved	datetime	date and time of project approval
date_evaluated	datetime	date and time of project evaluation
budget	float(10, 2)	proposed budget of the citizen
actual_budget	float(10,2)	actual budget finalized by sanggunian
barangay_code	int(5)	barangay code where project should be done
rating	float(10, 2)	overall rating by citizen
evaluator	varchar(30)	sanggunian who evaluated the final budget of project
address	varchar(300)	address where the project is located
latitude	float(10, 6)	geo-coded latitude of address
longitude	float(10, 6)	geo-coded longitude of address
date_begin	date	date the project begins
date_end	date	date the project ends

Table 7: Project Table

The Project Table contains details about the project proposals that garnered the highest votes.

Field	Data Type	Description
budget_id	int(5); Primary Key	auto-incrementing budget identification number
proposal_id	int(5); Foreign Key	auto-incrementing proposal identification number
item	varchar(50)	item to be bought
price	float(10,2)	price of the item
quantity	float(10,2)	quantity of the item
cost	float(10,2)	computed product of price and quantity

Table 8: Budget Proposal Table

The Budget Proposal table contains information about the proposed budget for a Proposal.

Field	Data Type	Description
proposal_id	int(5);Foreign Key	auto-incrementing proposal identification number
user_id	int(5);Foreign Key	auto-incrementing user identification number
date	datetime	system date and time when vote was done

Table 9: Voter Table

The Voter Table contains information about a Proposal, its voters, and when the vote was cast.

Field	Data Type	Description
budget_id	int(5);Primary Key	auto-incrementing budget identification number
project_id	int(5);Foreign Key	auto-incrementing project identification number
item	varchar(50)	item to be bought for project
price	float(10,2)	price of item
quantity	float(10,2)	quantity of tiems
cost	float(10,2)	product of price and quantity

Table 10: Budget Plan Table

The Budget Plan table contains information about the approved, actual budget of a Project.

Field	Data Type	Description
action_id	int(5);Primary Key	auto-incrementing action identification number
project_id	int(5);Foreign Key	auto-incrementing project identification number
action	varchar(200)	specification of a step for project completion
rate	int(5)	citizen's rating if action is already finished
remarks	varchar(200)	citizen's feedback for specific action

Table 11: Action Plan Table

The Action Plan contains information about the steps needed to be taken to complete a Project. This will also be the basis for the rating of a Project.

V. Architecture

A. System Architecture

IBMOP follows a Model-View-Controller (MVC) software pattern through CodeIgniter. Its presentation layer is represented by the Views, or the user interface encoded in HTML, CSS, and JavaScript. Its logic layer is represented by the Controllers. Through CodeIgniter, the logic layer becomes linked to the presentation layer. Lastly, its data access layer is represented by the Models that enables the system to connect to its database - the ibmop database (a MySQL database).

B. Technical Architecture

IBMOP is a web-based system that will be accessible using the Internet. It will follow the client-server architecture. The server machine should have the following specifications (minimum requirements):

1. PHP Server (Apache 2.4.7)
2. MySQL (5.5 and up)

The users of the system should have the following specifications (minimum requirements):

1. Web Browser (Firefox / Google Chrome / Internet Explorer), JavaScript enabled
2. Internet connection

VI. Results

A. General View

Log In Page

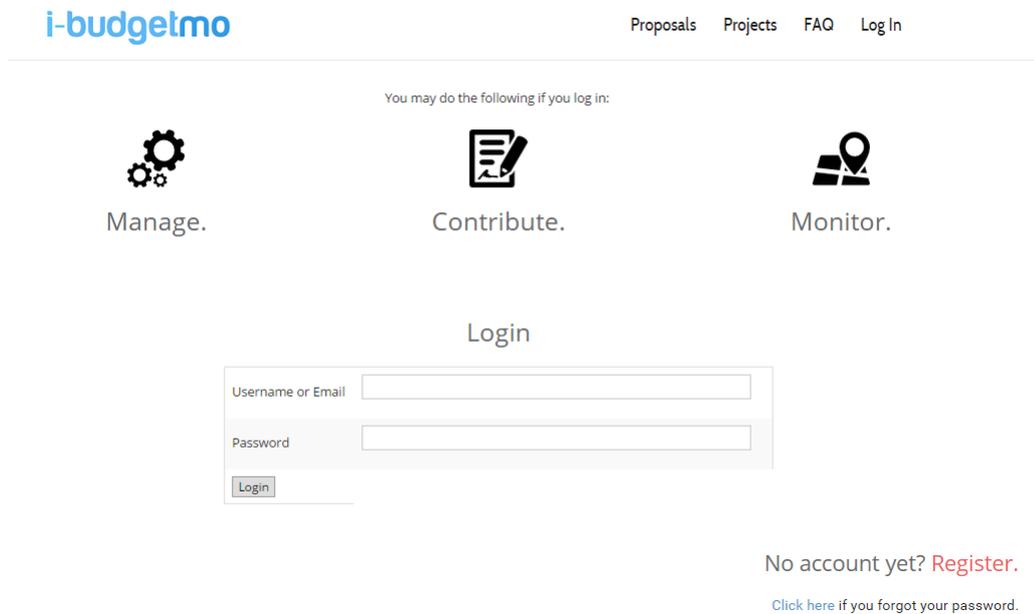


Figure 10: Log In Page

Figure 10 shows the page that will show up when the system is first accessed. This is the home page which contains a log-in form, where the users are required to enter their credentials. Unless a user has an account in the IBMOP system and is enabled for the this system, they will not be able to use most of the system's functionalities. If a user does not have an account yet, one may request for one by clicking the Register link.

Registration

Request an account

To register to the system, please fill out the form.
Take note that those marked with a red asterisk are required fields:

Username *	<input type="text"/>
First Name *	<input type="text"/>
Middle Name	<input type="text"/>
Last Name *	<input type="text"/>
Password *	<input type="password"/>
Confirm Password *	<input type="password"/>
Email *	<input type="text"/>
Contact Number	<input type="text"/>
Barangay *	<input type="text" value="Select barangay no."/>
Sex *	<input type="text" value="Select"/>
Address	<input type="text"/>
Birthday	<input type="text" value="yyyy-mm-dd"/>

Figure 11: Blank Registration Forms

Figure 11 shows the registration form.

Request an account

To register to the system, please fill out the form.
Take note that those marked with a red asterisk are required fields:

Username *	<input type="text" value="jmormont"/>
First Name *	<input type="text" value="Jorah"/>
Middle Name	<input type="text"/>
Last Name *	<input type="text" value="Mormont"/>
Password *	<input type="password" value="***"/>
Confirm Password *	<input type="password" value="****"/>
Email *	<input type="text" value="jorah@mormont.com"/>
Contact Number	<input type="text" value="3492212"/>
Barangay *	<input type="text" value="175"/>
Sex *	<input type="text" value="Male"/>
Address	<input type="text" value="32 Valyria Street, Camarin, Caloocan"/>
Birthday	<input type="text" value="1974-08-09"/>

Figure 12: Filled Registration Forms

In Figure 12, an example of accepted input are filled in the form.

Successful Registration

Success!

Thank you Jorah for registering. Your username is: **jmormont**.
Your account request will be processed.

[Login Here](#)

Figure 13: Successful Registration

Figure 13 shows that if the user does not enter any invalid information, the registration will be successful. The user will now wait for the administrator or a barangay officer to approve the account request.

Account Activation

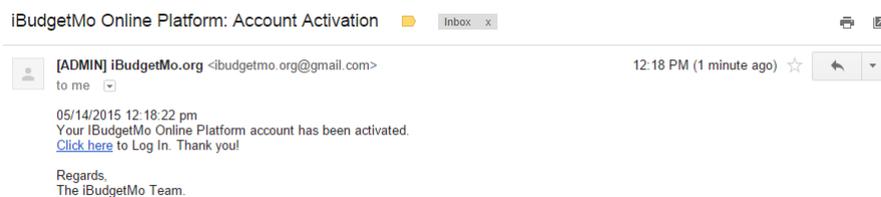


Figure 14: E-mail sent once account is activated.

Figure 14 shows a sample e-mail to the e-mail address entered by the user in the registration form. The link to the website is also indicated.

Forgotten Password

i-budgetmo Proposals Projects FAQ Log In

Reset Password

Please fill out the form to reset your own password
< Back to Login

Username: * admin

Resend Password Cancel

2015 © iBudgetMo.org Online Platform

Figure 15: An e-mail will be sent to the e-mail address of that username.

A user will be asked to input his/her username, and an automated e-mail with a randomly generated password will be sent. A user is encouraged to change his/her password once he/she logs in to the system.

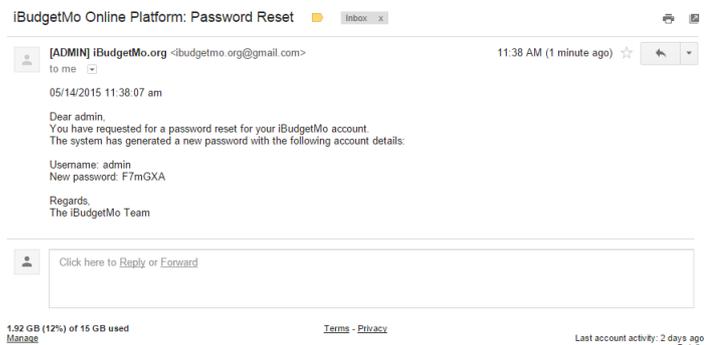


Figure 16: E-mail sent to user

In Figure 16, an example e-mail is sent to the user who forgot the account password. A randomly-generated password is given.

Approved Proposals

View Approved Proposals

Select a barangay from the drop-down menu.
Please take note that these are the approved proposals already, which are ready for voting.

Select Barangay

Select Barangay

Approved Project Proposals for Barangay 174

There are 4 proposals approved in this barangay all-in-all.
For this year (2015), there are 4 proposals.

Cement Agham Road

Project idea by: Julie McGee ([julie_mcgee](#))
Approved by: Nat Anderson ([nat_anderson](#))
Category : Infrastructure
Budget : [Php 68,940.00](#)
Problem Statement : Agham Road is not passable anymore.
Objective : To reconstruct agham road.
How it benefits the community: Traffic will be lessened since there will be a direct way to exit the barangay.

Covered Basketball Court

Project idea by: Drew Christy ([drew_christy](#))
Approved by: Nat Anderson ([nat_anderson](#))
Category : Sports & Recreation
Budget : [Php 28,107.00](#)
Problem Statement : Our community needs an area where sports activities can be held especially for young people.
Objective : To construct a basketball court.
How it benefits the community: You people will have an opportunity to find their interests and seek enjoyment of sports like basketball and volleyball. They will become healthy and also experience healthy competition. Older members may also enjoy a healthier life if they choose to play as a form of exercise. People in the community who are engaged in business can use the court as a site for a trade fair.

Figure 17: Proposals Page

Anyone can view the approved proposals in every barangay. Figure 17 shows what the guest user can see.

Projects

View Barangay Projects

You can view barangay projects in all parts of Caloocan.

Select Barangay

Here are the projects in Barangay 174 that garnered the highest votes. | [View Barangay Map](#)

Barangay Cellular Phones

Project idea by: Nadiya Anderson ([nadiya_anderson](#))
Final approval by (based on votes): Nat Anderson ([nat_anderson](#))
Proposed Budget: [Php 13,165.00](#)
Actual Budget: [Php 18,365.00](#)
Date approved: 2015-04-29 08:55:24

Problem Statement: This is a proposal for two cellular telephones to be provided for community use. The two phones shall be kept and maintained at the barangay hall. Land-based phone lines have yet to be put up in the barangay.

Objective: This is a proposal for two cellular telephones to be provided for community use. The two phones shall be kept and maintained at the barangay hall. Land-based phone lines have yet to be put up in the barangay.

How it Benefits the Community Emergency calls can be received more quickly and easily so that everyone concerned can be immediately notified.

[More Information on this Project](#)

Cement Agham Road

Project idea by: Julie McGee ([julie_mcgee](#))
Final approval by (based on votes): Nat Anderson ([nat_anderson](#))
Proposed Budget: [Php 68,940.00](#)
Actual Budget: [Php 63,775.00](#)
Date approved: 2015-04-29 08:55:24

Problem Statement: Agham Road is not passable anymore.

Objective: To reconstruct agham road.

How it Benefits the Community Traffic will be lessened since there will be a direct way to exit the barangay.

[More Information on this Project](#)

Figure 18: Projects Page

A guest user can also see the Projects page, shown in Figure 18.

Projects - City Map

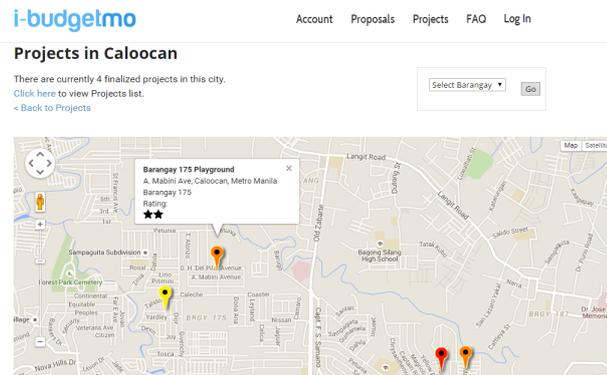


Figure 19: Projects - City Map

Figure 19 shows the city map. This map also shows all of the finalized projects so far, and the colors of their markers specify the progress of each project.

Projects - Barangay Map

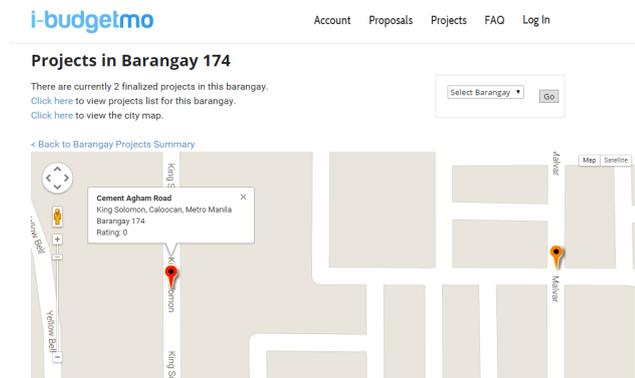


Figure 20: Projects - Barangay Map

Figure 20 shows the barangay map. A user may also choose other barangays, to be selected from the drop-down menu at the right corner.

B. Citizen View

Dashboard (Voting Period)

The screenshot shows the i-budgetmo dashboard for a citizen user. At the top left is the logo 'i-budgetmo'. To the right are navigation links: Account, Proposals, Projects, FAQ, and Log Out (rkgreen). Below the navigation is a horizontal line. On the right side, there is a small box with the text: 'Last login 2015-05-11 12:31:01' and 'Current time: 2015-05-12 16:58:11'. On the left side, there is a welcome message: 'Welcome, Rachel Green!' followed by 'You are currently logged in as: rkgreen', 'Your account type: Citizen', and 'Your barangay: Barangay 176'. In the center, there is a yellow alert box with a red exclamation mark icon. The text inside the alert box reads: 'Voting Period', 'Start date: 2015-01-01 | End date: 2015-06-12', 'Your barangay officer has already set a date for voting. You may vote for the project proposals that you prefer. CLICK HERE to view the approved projects in your barangay.', and 'Proposals - Your proposal, Fashion Show, is still pending for an approval. Details'. Below the alert box, there is a section titled 'What do you want to do?' with three main categories: 'Accounts' (with a gear icon and a link to 'My account'), 'Proposals' (with a document icon and links to 'Create a Barangay Proposal', 'Vote for a Barangay Proposal', 'View All Approved Proposals', 'View All Proposals', 'View Proposals in Barangay', and 'View My Proposals'), and 'Projects' (with a location pin icon and links to 'View Barangay Projects', 'Monitor My Barangay', and 'Monitor My City (All Barangays)'). At the bottom left, there is a copyright notice: '2015 © iBudgetMo.org Online Platform'. At the bottom right, there are social media icons for Facebook, Twitter, and a multi-colored icon, along with an information icon.

Figure 21: Dashboard - Voting Period

Figure 21 Citizen Dashboard with notifications. The Dashboard shows a summary of the navigation for the user: Account Management, Proposals, and Projects. There is also an alert box at the middle of the page. For this citizen, it is shown that the Voting Period for the barangay is on-going. Meaning, citizens can vote for approved projects for that year, as well as propose new ones.

Accounts - Edit Account

Edit My Account

These are the account details for your account **Eby Kangleon (ekangleon)**
[< Back to Accounts](#)

Username	ekangleon
Password	Change Password
Barangay	176
Account Status	enabled
First Name	Eby
Middle Name	
Last Name	Kangleon
Address	#241 Purple Drive, Sangandaan
Birthday	1989-02-13
Age	25
Sex	female
Contact Number	<input type="text" value="2342342"/>
Email	<input type="text" value="ebykangleon@ansa-eap.net"/>

Figure 22: Citizen may edit some details in his/her account

Figure 22 shows that any user may edit his/her own account. The user password may also be changed, shown in the next figure, Figure 23

Accounts - Change Account Password

i-budgetmo Accounts Proposals Projects FAQ Log Out (admin)

Change Password

Please fill out the form to change your password.
If you forgot your old password, you may request your admin to **reset your password** instead.
[< Back to My Account](#)

Old password : *	<input type="password" value="....."/>
New password : *	<input type="password" value="...."/>
Confirm password : *	<input type="password" value="...."/>

Figure 23: A user may also change his/her password

In Figure 15, a user had a randomly-automated password. That user is encouraged to change his/her password, shown in Figure 23.

Proposals

i-budgetmo Account Proposals Projects FAQ Log Out (rkgreen)

 Proposals

Voting Period

Start date: 2015-01-01 End date: 2015-06-12
Your barangay officer has already set a date for voting.
You may vote for the project proposals that you prefer.
[CLICK HERE](#) to view the approved projects in your barangay.

More

- [Create a Barangay Proposal](#)
- [Vote for a Barangay Proposal](#)
- [View All Approved Proposals](#)
- [View All Proposals](#)
- [View Proposals in Barangay](#)
- [View My Proposals](#)

Figure 24: Proposals Page for Citizen

Figure 24 shows the Proposals Page, which includes a notification about the Voting Period, and other proposal-related navigation.

Creating a Project Proposal

The screenshot shows the 'Create a Project Proposal' form in the i-budgetmo system. The form is titled 'Create a Project Proposal' and includes the following fields:

- Project Title ***: Workshop for Tocino and Longganisa Making (Cured Meats and Sausages)
- Project Category**: Livelihood
- Problem Statement ***: There are a lot of unemployed women in the barangay. We would want to acquire new and simple skills so that we may be able to make a living.
- Objective ***: To be able to conduct a two-day workshop for creation of cured meats and sausages.
- How will this benefit my community? ***: This will be able to help the unemployed women, particularly the housewives in the barangay, to be able to support their lives if they are able to successfully acquire the skills for tocino and longganisa making. They can have a small business in the barangay. Moreover, the skill required for this is not very hard, and the materials to be used are not very expensive as well.

At the bottom of the form, there are 'Submit' and 'Cancel' buttons.

Figure 25: Creating a Project Proposal

Figure 25 shows the user interface when a citizen plans to create a project proposal. There are five fields to fill in. The budget for the project proposal is not yet included. The budget proposal is optional, and the user has the option not to accomplish it right away. Another page is created for the budget proposal.

Creating a Project Proposal - Successful

The screenshot shows the 'Successful creation of a Proposal' confirmation page in the i-budgetmo system. The page includes the following text:

You have successfully created a Project Proposal!

Thank you.
A request will be sent to the barangay officials in your barangay.
Please always check your account to see your project proposal's status.
You may also create a budget plan for this proposal.

< Back to Proposals Page

Figure 26: Successful creation of a Proposal

Figure 26 will be shown if the Create a Proposal form is accomplished without validation errors.

Creating a Budget Proposal

Create a budget plan

Please fill out the forms carefully.
The cost column need not be filled in, it will be automatically computed.
You may **add a new row** and also **delete the current/last row** you are working on.
Note: To be sure about the total cost of the budget plan, make sure that you click any field in the table before submission (especially when a row is deleted).

(+) Add New Row | (-) Delete Current Row

Item	Price (in Php)	Quantity	Cost
Cement (in sacks)	1890.75	20	37815
Benches	580	35	20300
Paint (bucket)	456.50	25	11412.5
Lights (fluorescent)	278	15	4170
Lightbulbs	79.99	30	2399.7
Total Cost			76097.2

Submit

Figure 27: Creating a Budget Proposal

Figure 27 displays the budget proposal form. The citizen is only required to input the item name, its price, and its quantity. The computations for the overall item price, and the overall total are already done automatically to avoid errors.

View Proposal

View Proposal Information

These are the additional details for the proposal.

[< Back to Brgy. Proposals](#)

Proposal Title: Barangay Sports Center

Proposed by:	Rachel Green (rkgreen)
Barangay:	176
Date Submitted:	2015-05-12 17:09:20
Category:	Sports & Recreation
Budget	Php 76,097 View
Status	not approved

Budget Plan

Item	Price	Quantity	Cost
Cement (in sacks)	Php 1890.75	20	Php 37,815
Benches	Php 580.00	35	Php 20,300
Paint (bucket)	Php 456.50	25	Php 11,413
Lights (fluorescent)	Php 278.00	15	Php 4,170
Lightbulbs	Php 79.99	30	Php 2,400
Total Cost			Php 76,097

Problem Statement

There is no accessible venue for people to conduct their events in the barangay, especially sports.

Objective

To create a sports center in the barangay.

How will this benefit the community?

This will benefit most of the barangay citizens, not only those who are inclined in sports, but also everyone else since this will become a feasible venue for almost all the barangay events.

Figure 28: View a Project Proposal

Figure 28 shows what the Proposal will look like, along with the proposed budget. This proposal, however, is not yet approved for voting. The barangay officer will decide if the proposal is ready for voting.

View User Proposals

i-budgetmo Account Proposals Projects FAQ Log Out (rkgreen)

View My Proposals

Hi, Rachel Green (rkgreen)!
These are the project proposals that you have entered. We have provided a summary for your proposals.

Sort by

Proposal Title	Brgy	Objective	Date	Category	Budget	Status	More Info
Waiting Shed	176	Students outside Sangandaan Elementary School cannot get a ride home right away, yet they do not have a safe place to wait for a tricycle outside their school.	2015-04-07 15:39:20	Utilities	Php 13,790.00	approved	More
Fashion Show	176	To arrange a fashion show for citizens to promote camaraderie.	2015-04-06 17:53:54	Recreation	Php10,879	not approved	More
Barangay Sports Center	176	To create a sports center in the barangay.	2015-05-12 17:09:20	Sports & Recreation	Php76,097	not approved	More

Figure 29: Summarized User Proposals

A citizen may view a summary of his own proposals, shown at figure 29. Clicking the More Info link will show the page that contains all the information about the project proposal, as shown in 28.

View Barangay Proposals

i-budgetmo Account Proposals Projects FAQ Log Out (rkgreen)

View Barangay Proposals

Here are the proposals in your barangay.
You may click "More Info" for more information about the proposed project.

Sort by

Proposal Title	Brgy	Objective	Date	Category	Budget	Status	More Info
Workshop for Tocino and Longganisa Making	176	There are a lot of unemployed women in the barangay. We would want to acquire new and simple skills so that we may be able to make a living.	2015-05-13 13:47:28	Livelihood	Php 1,290.00	approved	More
Barangay Sports Center	176	To create a sports center in the barangay.	2015-05-12 17:09:20	Sports & Recreation	Php76,097	not approved	More
Free Circumcision Day	176	To provide a free circumcision day for the male teenagers in the barangay.	2015-05-11 10:18:41	Health	Php14,560	not approved	More
Zumba Sessions	176	Camaderie	2015-05-07 18:29:37	Events	Php 7,200.00	approved	More
Livelihood Center	176	To build a barangay livelihood center where craftsmen can work and train those interested to learn.	2015-04-09 22:39:21	Livelihood	None yet	not approved	More
Construction of a Deep Well	176	There are no sources for safe drinking water to the community members. Most of the children are getting sick nowadays because of the dirty water in the barangay.	2015-04-08 13:33:19	Health	Php 22,628.85	approved	More

Figure 30: Summarized Barangay Proposals

A citizen may view a summary of all the proposals in the barangay, shown at figure 30. This includes the pending proposals as well.

View All Proposals

i-budgetmo Account Proposals Projects FAQ Log Out (rkgreen)

View All Proposals

Here are the ALL the proposals (not necessarily approved).
You may click "More Info" for more information about the proposed project.

Sort by

Proposal Title	Brgy	Objective	Date	Category	Budget	Status	More Info
Workshop for Tocino and Longganisa Making	176	There are a lot of unemployed women in the barangay. We would want to acquire new and simple skills so that we may be able to make a living.	2015-05-13 13:47:28	Livelihood	Php 1,290.00	approved	More
Barangay Sports Center	176	To create a sports center in the barangay.	2015-05-12 17:09:20	Sports & Recreation	Php 76,097.20	not approved	More
Free Circumcision Day	176	To provide a free circumcision day for the male teenagers in the barangay.	2015-05-11 10:18:41	Health	Php 14,560.00	not approved	More
Zumba Sessions	176	Camarederie	2015-05-07 18:29:37	Events	Php 7,200.00	approved	More
Cement Agham Road	174	To reconstruct agham road.	2015-04-29 14:43:01	Infrastructure	Php 68,940.00	approved	More

Figure 31: All Proposals

Moreover, 31 shows that a citizen may also see all the proposals in the system, including the proposals for the other barangays. The pending proposals are included as well.

Search Proposals

View All Proposals - Search Results for *playground*

Here are the results for your search "*playground*".
You may click "More Info" for more information about the proposed project.

Sort by

Proposal Title	Brgy	Description	Date	Category	Budget	Status	More Info
Community Playground	176	Young people, particularly children, do not have a recreational facility to encourage them to engage in physical activities.	2015-04-08 12:39:25	Recreation	Php18,702	approved	More
Barangay 175 Playground	175	Children in the community do not have a safe place to play with each other. Our houses cannot provide enough space for many children to play.	2015-04-08 15:09:20	Utilities	Php33,329	approved	More
Barangay 174 Playground	174	There is no area for children in the barangay to play.	2015-04-29 14:09:09	Utilities	Php20,837	approved	More

[< Back to Proposals Page](#)

Figure 32: Search Proposals

A citizen may also search for a proposal shown in 32 as a part of idea gathering. In this figure, we see that the citizen searched for a playground among all the proposals in the city. The results are shown.

Voting for a Proposal

View Approved Proposals

Select a barangay from the drop-down menu.
Please take note that these are the approved proposals already, which are ready for voting.

Select Barangay

Select Barangay

Approved Project Proposals for Barangay 176

There are 6 proposals approved in this barangay all-in-all.
For this year (2015), there are 5 proposals.
Click VOTE if you want to vote for this proposal. You may also UNVOTE a proposal.

Reminder: Each citizen gets **two votes** only.
You have voted for one project. You may still vote for one more.

Basketball Court

Project idea by: Eby Kangleon (ekangleon)
Approved by: Jal Taguibao (jtaguibao)

Category: Utilities
Budget: Php 13,400.00

Date Submitted: 2015

Problem Statement: This is a proposal for the construction of a basketball court. Our community needs an area where sports activities can be held especially for the young people.

Objective: To construct a basketball court.

How it benefits the community: The building of a basketball court will benefit all the members of our community. Young people will have an opportunity to find their interests and seek enjoyment of sports like basketball and volleyball. They will become healthy, and also experience healthy competition to motivate them to succeed.

 Unvote this

[Click here for more information](#)

Community Playground

Project idea by: Roy Choco (rchoco)
Approved by: Gladys Selosa (gselosa)

Category: Recreation
Budget: Php 18,701.80

Date Submitted: 2015

Problem Statement: Young people, particularly children, do not have a recreational facility to encourage them to engage in physical activities.

Objective: To provide a safe playground for children

How it benefits the community: Children will benefit since they will have a venue to play outside with their friends (since most of our houses do not provide much room for them to run around in). Moreover, this will give them an opportunity to play in open air and feel safe.

 Vote for this

[Click here for more information](#)

Figure 33: Vote for a Proposal

Since in the voting period is on-going in this barangay, a citizen who belongs to that barangay may view all the approved proposals in his/her barangay. That citizen may vote for two Proposals. In Figure 33, the citizen has already voted for one proposal so she gets one more vote. Moreover, the citizen may also cancel his/her Proposal vote through Unvote.

View Approved Proposals in other Barangays

View Approved Proposals

Select a barangay from the drop-down menu.
Please take note that these are the approved proposals already, which are ready for voting.

Select Barangay

Select Barangay

Approved Project Proposals for Barangay 175

There are 5 proposals approved in this barangay all-in-all.
For this year (2015), there are 5 proposals.

Street Lamps

Project idea by: Jon Snow (jsnow)
Approved by: Dany Targaryen (dtargaryen)
Category: Infrastructure
Budget: Php 19,879.50
Problem Statement: Winter street does not have enough lighting, causing major accidents and crimes.
Objective: To provide working street lamps in Winter Street for the community's safety.
How it benefits the community: Everyone passes by this street; however, a lot of community members avoid this street nowadays since there are a lot of people who are held up here since it is a perfect crime spot (no lights). If the streets are well-lit, most likely the crimes and accidents here will lessen, or hopefully, be prevented.

[Click here for more information](#)

Waste Segregation Program

Project idea by: Paul McCartney (paulmccartney)
Approved by: Brian Epstein (brian_epstein)
Category: Waste Management
Budget: Php 27,500.00
Problem Statement: Waste management in the barangay is not very popular among the citizens. Worse, some citizens even throw their trash into the wrong places (like sidewalks).
Objective: To plan a waste segregation program among the citizens in the barangay.
How it benefits the community: Not only will the barangay become a nicer place to look at without trash everywhere, but also, proper waste management may lead to a better environment in the long run. I suggest that we buy trash boxes for different types of wastes (biodegradable, non-biodegradable, and hazardous materials) and we should also conduct seminars for the people.

[Click here for more information](#)

Figure 34: View Approved Proposals in other barangays

Furthermore, a citizen may also view the approved Proposals in other barangays. Votes cannot be casted for these proposals as the citizen may only vote for Proposals in his/her barangay.

Proposal Status - Approved with Comment

Welcome, Monica Geller!

You are currently logged in as: mgeller
Your account type: Citizen
Your barangay: Barangay 176



Voting Period
Start date: 2015-01-01 | End date: 2015-10-12

Your barangay officer has already set a date for voting.
You may vote for the project proposals that you prefer.
[CLICK HERE](#) to view the approved projects in your barangay.

Proposals - Your proposal, **Workshop for Tocino and Longganisa Making** has been approved with comment by *itaguibao*. [Details](#)

Proposals - Your proposal, **Barangay Conference Hall**, is still pending for an approval. [Details](#)

What do you want to do?



Accounts
[My account](#)



Proposals
[Create a Barangay Proposal](#)
[Vote for a Barangay Proposal](#)
[View All Approved Proposals](#)
[View All Proposals](#)
[View Proposals in Barangay](#)
[View My Proposals](#)

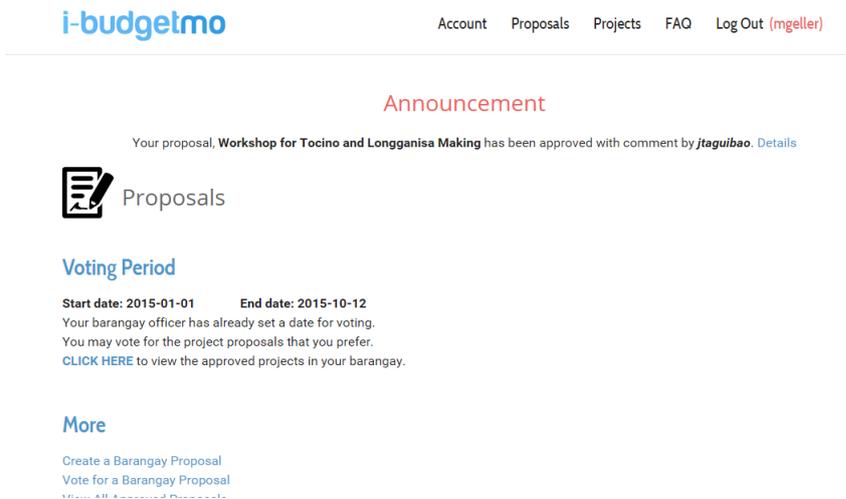


Projects
[View Barangay Projects](#)
[Monitor My Barangay](#)
[Monitor My City \(All Barangays\)](#)

Figure 35: Notification regarding Proposal status (pending, approved, or approved with comment)

A citizen will be notified about the status of the Proposal/s they have submitted. Take for example, in Figure 35, there is a notification in the Dashboard about the recent update about the Proposal that this user has submitted. Its current status is that it is Approved with Comment. This means that the Proposal has a potential to be approved and be included in the Proposals ready for voting; however, it needs to be modified.

Proposal Status - Approved with Comment



The screenshot shows the i-budgetmo website interface. At the top left is the logo 'i-budgetmo'. To the right are navigation links: 'Account', 'Proposals', 'Projects', 'FAQ', and 'Log Out (mgeller)'. Below the navigation is a red heading 'Announcement'. The main content area contains a notification: 'Your proposal, **Workshop for Tocino and Longganisa Making** has been approved with comment by **jtaguibao**. [Details](#)'. Below this is a 'Proposals' section with a list icon. Underneath is a 'Voting Period' section with the text: 'Start date: 2015-01-01 End date: 2015-10-12. Your barangay officer has already set a date for voting. You may vote for the project proposals that you prefer. [CLICK HERE](#) to view the approved projects in your barangay.' At the bottom is a 'More' section with links: 'Create a Barangay Proposal', 'Vote for a Barangay Proposal', and 'View All Approved Proposals'.

Figure 36: Notification in Proposals Page

The notification about the proposal status will also be shown in the Proposals page.

View Proposal - Approved with Comment Status

i-budgetmo Account Proposals Projects FAQ Log Out (mgeller)

Project Proposal Details

These are the details for your proposal.
If you agree with the changes of your barangay officer, you may resubmit the proposal.
Otherwise, if you have additional information to provide, you may edit this existing proposal.
[< Back to Proposals](#)

Proposal Title: Workshop for Tocino and Longganisa Making

Proposed by:	Monica Geller (mgeller)
Barangay:	176
Date Submitted:	2015-05-13 13:25:14
Category:	Livelihood
Budget	There is no budget yet. Create Budget Proposal
Status	approved with comment by Jal Taguibao (taguibao)

Problem Statement
There are a lot of unemployed women in the barangay. We would want to acquire new and simple skills so that we may be able to make a living.

Objective
To be able to conduct a two-day workshop for creation of cured meats and sausages.

How will this benefit the community?
This will be able to help the unemployed women, particularly the housewives in the barangay, to be able to support their lives if they are able to successfully acquire the skills for tocino and longganisa making. They can have a small business in the barangay. Moreover, the skill required for this is not very hard, and the materials to be used are not very expensive as well.

Additional Comment by: Jal Taguibao (taguibao)
Already approved, just create a budget plan for this.

[Resubmit this Proposal](#)

Figure 37: View Returned Proposal - Approved with Comment

The Proposal that has an approved with comment status will be viewed by the citizen, along with the additional comment by the barangay officer.

Resubmit a Proposal with Approved with Comment Status

i-budgetmo Account Proposals Projects FAQ Log Out (mgeller)

Resubmit Proposal

These are the additional details for the proposal.
[< Back to Brgy. Proposals](#)

Proposal Title: Workshop for Tocino and Longganisa Making

Proposed by:	Monica Geller (mgeller)
Barangay:	176
Date Submitted:	2015-05-13 13:25:14
Category:	Livelihood
Budget	Php 1,290 View

Problem Statement

There are a lot of unemployed women in the barangay. We would want to acquire new and simple

Objective

To be able to conduct a two-day workshop for creation of cured meats and sausages.

How will this benefit the community?

able to support their lives if they are able to successfully acquire the skills for tocino and longganisa making. They can have a small business in the barangay. Moreover, the skill required for this is not very hard, and the materials to be used are not very expensive as well.

Comments

Budget Plan already created

[Resubmit](#)

Figure 38: Resubmit a Proposal - Approved with Comment

The citizen may submit the proposal again to the barangay officer who set its status to Approved with Comment. Afterwards, the barangay officer will be notified about the changes. The status of this proposal may be set to Approved, or may be submitted again to the citizen if ever the changes done are not yet satisfactory. The citizen may also put additional comments to the Proposal for the barangay officer to see.

Proposal - Approved Status

i-budgetmo Account Proposals Projects FAQ Log Out (ekangleon)

View Approved Proposals

Select a barangay from the drop-down menu.
Please take note that these are the **approved** proposals already, which are ready for voting.

Select Barangay

Select Barangay

Approved Project Proposals for Barangay 176

There are 7 proposals approved in this barangay all-in-all.
For this year (2015), there are 6 proposals.
Since the voting period is already over, you may wait for your barangay officer's announcement of the top proposals approved.

Workshop for Tocino and Longganisa Making

Project idea by: Monica Geller (mgeller)
Approved by: Jal Taguibao (jtaguibao)
Category: Livelihood
Budget: Php 1,290.00

Problem Statement : There are a lot of unemployed women in the barangay. We would want to acquire new and simple skills so that we may be able to make a living.

Objective : There are a lot of unemployed women in the barangay. We would want to acquire new and simple skills so that we may be able to make a living.

How it benefits the community: This will be able to help the unemployed women, particularly the housewives in the barangay, to be able to support their lives if they are able to successfully acquire the skills for tocino and longganisa making. They can have a small business in the barangay. Moreover, the skill required for this is not very hard, and the materials to be used are not very expensive as well.

[Click here for more information](#)

Figure 39: An Approved Proposal - Ready for Voting

The citizen will also be notified if the Proposal he/she submitted is already approved. Once a Proposal is approved, it will be ready for voting during the Voting Period as shown in Figure 39. The Barangay Officer will declare the Proposals with the highest votes once the voting period is over, while the citizens can only wait for the results.

C. Barangay Officer View

Dashboard - Barangay Officer

i-budgetmo Accounts Proposals Projects FAQ Log Out (jtaguibao)

Last login: 2015-05-13 12:38:49
Current time: 2015-05-13 12:38:56

Welcome to iBudgetMo, Jal Taguibao!

You are currently logged in as: **jtaguibao**
Your account type: **Barangay Officer**
Your barangay: **Barangay 176**



Accounts - There is 1 pending account in your barangay. [Click here to approve](#)

Voting Period - Your barangay voting period has not yet begun. [Click here to set](#).

What do you want to do?



Accounts

[Edit My Account](#)
[Approve Pending Accounts](#)
[View/Edit user accounts](#)



Proposals

[View All Approved Proposals](#)
[View Approved Proposals in Barangay](#)
[View All Proposals](#)
[View My Approved Proposals in Barangay](#)
[View Resubmitted Proposals to Me](#)
[View Unapproved Proposals in Barangay](#)
[View Proposals in Barangay](#)
[Set Voting Period](#)
[Announce Top Proposals](#)



Projects

[View Barangay Projects](#)
[Monitor My Barangay](#)
[Monitor My City \(All Barangays\)](#)

2015 © iBudgetMo.org Online Platform    

Figure 40: Barangay Officer Dashboard

This is the Dashboard view for the Barangay Officer. An alert box, as well as the general navigation for the system is shown. In the Alert Box for this Barangay Officer, a notification appeared for a pending account in the barangay and for the voting period. More notifications will appear as Proposals are submitted and as Projects are finalized.

Set Voting Period

i-budgetmo Accounts Proposals Projects FAQ Log Out (jtaguibao)

Voting Period Has Not Yet Begun

Your barangay voting period has not yet begun.
Do you want to edit your barangay's voting period?
Proposal votes set previously will not be invalid/void if you postpone the voting period.

Start Date: End Date:

[Reset Date](#)

Figure 41: Barangay Officer - Set Voting Period

Suppose the barangay voting period is not yet set. This is usually the suggested first step for the barangay officer user type, if the voting period is not yet set.

i-budgetmo Accounts Proposals Projects FAQ Log Out (jtaguibao)

Voting Period Currently On-going

Your barangay is currently on its voting period.
Do you want to edit your barangay's voting period?
Proposal votes set previously will not be invalid/void if you postpone the voting period.

Start Date: End Date:

[Reset Date](#)

[< Back to Proposals page](#)

Figure 42: Barangay Officer - On-Going Voting Period

The voting period in the barangay may also be changed. However, votes set before the set date will not be considered void.

Voting Period Has Already Ended

Your barangay voting period has already ended.

Do you still want to extend your barangay's voting period?

Proposal votes set previously will not be invalid/void if you postpone the voting period.

On the other hand, you may also announce the top project proposals [here](#)

Start Date:	<input type="text" value="2015-01-01"/>	End Date:	<input type="text" value="2015-04-18"/>
<input type="button" value="Reset Date"/>			

[< Back to Proposals page](#)

Figure 43: Barangay Officer - Extend Voting Period

The voting period in the barangay may also be extended, if the voting period has originally ended. Like in Figure 42, previous votes will not be considered void.

Accounts in Barangay

All Barangay Accounts

These are all the accounts in **Barangay 175**.

[< Back to Accounts](#)

Select Action	<input type="text" value="Accounts"/>	<input type="button" value="Go"/>
---------------	---------------------------------------	-----------------------------------

Username	First Name	Last Name	Role	Address	Contact Number	E-mail	Brgy.	Account Status	More Info	Edit
paul_mccartney	Paul	McCartney	citizen		2938102	paulmccartney@thebeatles.com	175	enabled	View	Edit
john_lennon	John	Lennon	citizen		340229111	john.lennon@fanmail.com	175	enabled	View	Edit
george_harrison	George	Harrison	citizen		827111342	hercomesthesun@beatles.com	175	enabled	View	Edit
ringo_starr	Ringo	Starr	pending	292 Liverpool Street, Caloocan	78-222910	wealllive@theyellowsubmarine.com	175	pending	View	---
brian_epstein	Brian	Epstein	barangay officer	5th Beatle Street, Sangandaan, Caloocan	928033	brianepstein05@beatles.com	175	enabled	View	Edit
				198 Pranno						

Figure 44: Barangay Officer - View All Accounts in Barangay

Figure 44 displays all the accounts in the barangay. A Barangay Officer may view or edit the accounts in the barangay.

Pending Accounts in Barangay

Pending Citizen Accounts

These are the pending accounts in **Barangay 175**.

Click **ENABLE** to enable a new account.

Once an account is enabled, the user may already use that account to participate in the system.

[< Back to Accounts](#)

Select Action

Username	First Name	Last Name	Address	Birthday	Contact Number	E-mail	Brgy.	Account Status	Enable
ringo_starr	Ringo	Starr	292 Liverpool Street, Caloocan		78-222910	wealllive@theyellowsubmarine.com	175	pending	Enable
jmormont	Jorah	Mormont	32 Valyria Street, Camarin, Caloocan	1974-08-09	3341587	jorah@mormont.com	175	pending	Enable

Figure 45: Barangay Officer - View Pending Accounts in Barangay

In Figure 45, the pending accounts in the barangay are shown. The Barangay Officer may need to check if the account requests are valid so that these become activated. A notification email will be sent to the user once the account is Enabled.

New Proposals - Notification

The screenshot shows the iBudgetMo dashboard for a Barangay Officer. At the top, there is a navigation bar with links for Accounts, Proposals, Projects, FAQ, and Log Out (jtaguibao). The user is logged in as jtaguibao, with the account type 'Barangay Officer' and barangay 'Barangay 176'. A notification box with a red exclamation mark icon contains three items: 'Accounts - There is 1 pending account in your barangay. Click here to approve', 'Proposals - There is one new unapproved proposal since your last login. View new proposals', and 'Voting Period - Your barangay voting period is on-going. Click here to change.' Below the notification, the user is asked 'What do you want to do?' and presented with three main sections: Accounts, Proposals, and Projects. The Proposals section is highlighted with a blue border and contains several links for viewing and managing proposals.

i-budgetmo Accounts Proposals Projects FAQ Log Out (jtaguibao)

Last login 2015-05-13 13:02:28
Current time: 2015-05-13 13:13:36

Welcome to iBudgetMo, Jal Taguibao!

You are currently logged in as: **jtaguibao**
Your account type: **Barangay Officer**
Your barangay: **Barangay 176**

Accounts - There is 1 pending account in your barangay. [Click here to approve](#)

Proposals - There is one new unapproved proposal since your last login. [View new proposals](#)

Voting Period - Your barangay voting period is on-going. [Click here to change.](#)

What do you want to do?

Accounts

- Edit My Account
- Approve Pending Accounts
- View/Edit user accounts

Proposals

- View All Approved Proposals**
- View Approved Proposals in Barangay
- View All Proposals
- View My Approved Proposals in Barangay
- View Resubmitted Proposals to Me
- View Unapproved Proposals in Barangay
- View Proposals in Barangay
- Set Voting Period
- Announce Top Proposals

Projects

- View Barangay Projects
- Monitor My Barangay
- Monitor My City (All Barangays)

Figure 46: Barangay Officer - New Proposal Notification

Barangay Officials will be notified if a new Proposal is submitted for their barangay. Figure 46 shows the notification for the barangay officer dashboard.

New Proposals

i-budgetmo Accounts Proposals Projects FAQ Log Out (jtaguibao)

View New Proposals

Here are the new proposals in your barangay.
You may click "More Info" for more information about the proposed project.

Sort by

Proposal Title	Brgy	Objective	Date	Category	Budget	Status	More Info
Workshop for Tocino and Longganisa Making	176	To be able to conduct a two-day workshop for creation of cured meats and sausages.	2015-05-13 13:13:30	Livelihood	None yet	not approved	More

[< Back to Proposals Page](#)

Figure 47: View New Proposals

Figure 47 shows the new Proposals. Proposals are considered new when they are submitted after the last time that the Barangay Officer has logged out.

Barangay Proposals - with New Proposals

i-budgetmo Accounts Proposals Projects FAQ Log Out (jtaguibao)

View Barangay Proposals

Here are the proposals in your barangay, **Barangay 176**.
You may click "More Info" for more information about the proposed project.

Sort by

Proposal Title	Brgy	Objective	Date	Category	Budget	Status	More Info
Workshop for Tocino and Longganisa Making -NEW!	176	To be able to conduct a two-day workshop for creation of cured meats and sausages.	2015-05-13 13:13:30	Livelihood	None yet	not approved	More
Barangay Sports Center	176	To create a sports center in the barangay.	2015-05-12 17:09:20	Sports & Recreation	Php 76,097.20	not approved	More
Free Circumcision Day	176	To provide a free circumcision day for the male teenagers in the barangay.	2015-05-11 10:18:41	Health	Php 14,560.00	not approved	More
Zumba Sessions	176	Camarederie	2015-05-07 18:29:37	Events	Php 7,200.00	approved	More
Livelihood Center	176	To build a barangay livelihood center where craftsmen can work and train those interested to learn.	2015-04-09 22:39:21	Livelihood	None yet	not approved	More

Figure 48: View Barangay Proposals - New Proposals will be Highlighted

When the Barangay Officer views all the proposals in the barangay, the new proposal/s will be highlighted. In Figure 48, the newest proposal is at the topmost and colored red.

Barangay Proposals

View Barangay Proposals

Here are the proposals in your barangay.
You may click "More Info" for more information about the proposed project.

Sort by

Proposal Title	Brgy	Objective	Date	Category	Budget	Status	More Info
Barangay Sports Center	176	To create a sports center in the barangay.	2015-05-12 17:09:20	Sports & Recreation	Php 76,097.20	not approved	More
Free Circumcision Day	176	To provide a free circumcision day for the male teenagers in the barangay.	2015-05-11 10:18:41	Health	Php 14,560.00	not approved	More
Zumba Sessions	176	Camarederie	2015-05-07 18:29:37	Events	Php 7,200.00	approved	More
Livelihood Center	176	To build a barangay livelihood center where craftsmen can work and train those interested to learn.	2015-04-09 22:39:21	Livelihood	None yet	not approved	More
Construction of a Deep Well	176	There are no sources for safe drinking water to the community members. Most of the children are getting sick nowadays because of the dirty water in the barangay.	2015-04-08 13:33:19	Health	Php 22,628.85	approved	More

Figure 49: View Barangay Proposals - No New Proposals

Figure 49 shows the barangay proposals with no new proposals.

View All Proposals

i-budgetmo Accounts Proposals Projects FAQ Log Out (jtaguibao)

View All Proposals

Here are the ALL the proposals (not necessarily approved).
You may click "More Info" for more information about the proposed project.

Sort by:

Proposal Title	Brgy	Objective	Date	Category	Budget	Status	More Info
Workshop for Tocio and Longganisa Making	176	There are a lot of unemployed women in the barangay. We would want to acquire new and simple skills so that we may be able to make a living.	2015-05-13 13:47:28	Livelihood	Php 1,290.00	approved	More
Barangay Sports Center	176	To create a sports center in the barangay.	2015-05-12 17:09:20	Sports & Recreation	Php 76,097.20	not approved	More
Cement Agham Road	174	To reconstruct agham road.	2015-04-29 14:43:01	Infrastructure	Php 68,940.00	approved	More
Covered Basketball Court	174	To construct a basketball court.	2015-04-29 14:42:50	Sports & Recreation	Php 28,107.00	approved	More
Barangay 174 Playground	174	There is no area for children in the barangay to play.	2015-04-29 14:09:09	Utilities	Php 20,836.50	approved	More

Figure 50: View All Proposals

Figure 50 shows all the proposals, including those in other barangays. A user may also search for a particular topic among the proposals.

Search Proposals

i-budgetmo Accounts Proposals Projects FAQ Log Out (jtaguibao)

View All Proposals - Search Results for *playground*

Here are the results for your search '**playground**'.
You may click "More Info" for more information about the proposed project.

Sort by:

Proposal Title	Brgy	Description	Date	Category	Budget	Status	More Info
Community Playground	176	Young people, particularly children, do not have a recreational facility to encourage them to engage in physical activities.	2015-04-08 12:39:25	Recreation	Php18,702	approved	More
Barangay 175 Playground	175	Children in the community do not have a safe place to play with each other. Our houses cannot provide enough space for many children to play.	2015-04-08 15:09:20	Utilities	Php33,329	approved	More
Barangay 174 Playground	174	There is no area for children in the barangay to play.	2015-04-29 14:09:09	Utilities	Php20,837	approved	More

Figure 51: Search All Proposals

A user may also search for existing proposals by typing a keyword in the textbox with a magnifying glass. In this example in Figure 51, the user tried to search with playground as a keyword.

View Pending Proposal

View Proposal Information

These are the additional details for the proposal.

[< Back to Brgy. Proposals](#)

Proposal Title: Workshop for Tocino and Longganisa Making

Proposed by:	Monica Geller (mgeller)
Barangay:	176
Date Submitted:	2015-05-13 13:13:30
Category:	Livelihood
Budget	There is no budget yet.
Status	not approved

Problem Statement
There are a lot of unemployed women in the barangay. We would want to acquire new and simple skills so that we may be able to make a living.

Objective
To be able to conduct a two-day workshop for creation of cured meats and sausages.

How will this benefit the community?
This will be able to help the unemployed women, particularly the housewives in the barangay, to be able to support their lives if they are able to successfully acquire the skills for tocino and longganisa making. They can have a small business in the barangay. Moreover, the skill required for this is not very hard, and the materials to be used are not very expensive as well.

[Approve this Proposal](#) [Modify this Proposal](#)



Figure 52: View a Pending Proposal

In Figure 52, the barangay officer views the pending project proposal. At the lower right portion of the page, there are two options: to automatically approve (Without editing), or to modify the proposal. If the first option is chosen, the Proposal will be included in the approved Proposals page. However, if the second option is chosen, the Barangay Officer may have to submit the Proposal to the citizen again for modifications. The barangay officer may also edit the proposal himself.

Edit a Proposal

i-budgetmo Accounts Proposals Projects FAQ Log Out (jtaguibao)

Edit Proposal Info

These are the additional details for the proposal
[< Back to Brgy. Proposals](#)

Proposal Title: Workshop for Tocino and Longganisa Making

Proposed by:	Monica Geller (mgeller)
Barangay:	176
Date Submitted:	2015-05-13 13:13:30
Category:	Livelihood
Budget	There is no budget yet.

Problem Statement

There are a lot of unemployed women in the barangay. We would want to acquire new and simple skills so that we may be able to make a living.

Objective

To be able to conduct a two-day workshop for creation of cured meats and sausages.

How will this benefit the community?

making. They can have a small business in the barangay. Moreover, the skill required for this is not very hard, and the materials to be used are not very expensive as well.

Status Approved with Comment

Add Comment:

Already approved, just create a budget plan for this.

[Edit Proposal](#)

Figure 53: Editing a Proposal

For example, the barangay officer decides to choose the Modify this Proposal option in Figure 52. In Figure 53, the Proposal fields become editable, except for the Proposal Title. In this example, the barangay officer does not edit the proposal objectives since the citizen stated these clearly; however, the barangay officer added a comment for the citizen to create a budget plan for this. The citizen will be notified.

View Edited Proposal

View Proposal Information

These are the additional details for the proposal.

[< Back to Brgy. Proposals](#)

Proposal Title: Workshop for Tocino and Longganisa Making

Proposed by:	Monica Geller (mgeller)
Barangay:	176
Date Submitted:	2015-05-13 13:25:14
Category:	Livelihood
Budget	There is no budget yet.
Status	approved with comment by Jal Taguibao (jtaguibao)

Problem Statement
There are a lot of unemployed women in the barangay. We would want to acquire new and simple skills so that we may be able to make a living.

Objective
To be able to conduct a two-day workshop for creation of cured meats and sausages.

How will this benefit the community?
This will be able to help the unemployed women, particularly the housewives in the barangay, to be able to support their lives if they are able to successfully acquire the skills for tocino and longganisa making. They can have a small business in the barangay. Moreover, the skill required for this is not very hard, and the materials to be used are not very expensive as well.

Additional Comments by: Jal Taguibao (jtaguibao)
Already approved, just create a budget plan for this.

Waiting for citizen's resubmission to you.

Figure 54: View Edited Proposal

The barangay officer will now wait for the citizen to submit the Proposal again. The lower right corner of the proposal states that this particular proposal needs to be submitted again.

View Resubmitted Proposals List

i-budgetmo Accounts Proposals Projects FAQ Log Out (jtaguibao)

View My Approved Proposals - With Comments

Here are the resubmitted proposals by the citizens.
You may click "More Info" for more information about the proposed project.

Sort by

Proposal Title	Brgy	Objective	Date	Category	Budget	Status	More Info
Workshop for Tocino and Longganisa Making	176	To be able to conduct a two-day workshop for creation of cured meats and sausages.	2015-05-13 13:25:14	Livelihood	None yet	approved with comment - Not yet resubmitted	More

[< Back to Proposals Page](#)

Figure 55: View Proposals - Approved with Comments by User

There is also a list where the barangay officer may see the proposals that he/she approved with comments. In Figure 55, the proposal in the list is waiting for resubmission.

Alert for Resubmitted Proposal

i-budgetmo Accounts Proposals Projects FAQ Log Out (jtaguibao)

Last login 2015-05-13 13:36:58
Current time: 2015-05-13 13:42:58

Welcome to iBudgetMo, Jal Taguibao!

You are currently logged in as: **jtaguibao**
Your account type: **Barangay Officer**
Your barangay: **Barangay 176**



Accounts - There is 1 pending account in your barangay. [Click here to approve](#)

Proposals - There is one new proposal resubmitted to you. [View resubmitted proposals](#)

Voting Period - Your barangay voting period is on-going. [Click here to change.](#)

Figure 56: Dashboard - A Barangay Officer gets an alert once the Proposal is resubmitted

Once the Proposal is resubmitted by the citizen, a barangay officer will get an alert in the Dashboard, shown in Figure 56.

View Resubmitted Proposal

View Proposal Information

These are the additional details for the proposal.

[-< Back to Brgy. Proposals](#)

Proposal Title: Workshop for Tocino and Longganisa Making

Proposed by:	Monica Geller (mgeller)
Barangay:	176
Date Submitted:	2015-05-13 13:42:51
Category:	Livelihood
Budget	Php 1,290 View
Status	approved with comment by Jal Taguibao (jtaguibao)

Budget Plan

Item	Price	Quantity	Cost
Pork (in kg)	Php 55.00	10	Php 550
Vinegar (350 mL bottle)	Php 35.75	10	Php 358
Sugar (in kg)	Php 27.50	3	Php 83
Preservatives	Php 100.00	3	Php 300
Total Cost			Php 1,290

Problem Statement

There are a lot of unemployed women in the barangay. We would want to acquire new and simple skills so that we may be able to make a living.

Objective

There are a lot of unemployed women in the barangay. We would want to acquire new and simple skills so that we may be able to make a living.

How will this benefit the community?

This will be able to help the unemployed women, particularly the housewives in the barangay, to be able to support their lives if they are able to successfully acquire the skills for tocino and longganisa making. They can have a small business in the barangay. Moreover, the skill required for this is not very hard, and the materials to be used are not very expensive as well.

Additional Comments by: Monica Geller (mgeller)

Budget Plan already created!

[Approve this Proposal](#) [Modify this Proposal again](#)

Figure 57: Example of a Resubmitted Proposal

Figure 57 shows a resubmitted Proposal to the involved barangay officer. The user is given an option to approve the Proposal already, to be automatically added to the approved Proposals list. However, the user may also decide to modify the proposal again.

View Resubmitted Proposal - Another User

View Proposal Information

These are the additional details for the proposal.

[< Back to Brgy. Proposals](#)

Proposal Title: Workshop for Tocino and Longganisa Making

Proposed by:	Monica Geller (mgeller)
Barangay:	176
Date Submitted:	2015-05-13 13:42:51
Category:	Livelihood
Budget	Php 1,290 View
Status	approved with comment by Jal Taguibao (jtaguibao)

Problem Statement

There are a lot of unemployed women in the barangay. We would want to acquire new and simple skills so that we may be able to make a living.

Objective

There are a lot of unemployed women in the barangay. We would want to acquire new and simple skills so that we may be able to make a living.

How will this benefit the community?

This will be able to help the unemployed women, particularly the housewives in the barangay, to be able to support their lives if they are able to successfully acquire the skills for tocino and longganisa making. They can have a small business in the barangay. Moreover, the skill required for this is not very hard, and the materials to be used are not very expensive as well.

Additional Comments by: Monica Geller (mgeller)

Budget Plan already created!

*Already approved, but with additional comments by jtaguibao.
Waiting for final approval under the decision of barangay officer/citizen involved.*

Figure 58: Viewing a Resubmitted Proposal by another user

This is the view when someone else views the Proposal, shown in Figure 58. Unlike in Figure 57, there are no options for the user to modify or approve the Proposal.

Approving a Proposal

The screenshot shows the i-budgetmo website interface. At the top, there is a navigation menu with links for 'Accounts', 'Proposals', 'Projects', 'FAQ', and 'Log Out (jtaguibao)'. Below the navigation, the page title is 'Approved Project Proposals for Barangay 176'. A summary line states: 'There are 7 proposals approved in this barangay all-in-all. For this year (2015), there are 6 proposals.' The main content area features a proposal titled 'Workshop for Tocino and Longganisa Making'. The proposal details include: 'Project idea by: Monica Geller (mgeller)', 'Approved by: Jal Taguibao (jtaguibao)', 'Category: Livelihood', and 'Budget: Php 1,290.00'. The 'Problem Statement' describes the issue of unemployed women in the barangay and the goal of providing them with skills. The 'Objective' and 'How it benefits the community' sections further elaborate on the proposal's goals and potential impact. At the bottom of the proposal details, it shows 'Total Votes = 0' and a link to 'Click here for more information'.

Figure 59: Approved Proposal

For example, the Proposal in Figure 57 is already approved. That particular proposal will be included in the approved Proposals list. The approved proposals are those that can get votes from citizens during the voting period.

View Approved Proposals

View Approved Proposals

Select a barangay from the drop-down menu.
Please take note that these are the approved proposals already, which are ready for voting.

Select Barangay

Select Barangay

Approved Project Proposals for Barangay 176

There are 6 proposals approved in this barangay all-in-all.
For this year (2015), there are 5 proposals.

Basketball Court

Project idea by: Eby Kangleon (ekangleon)

Approved by: Jal Taguibao (jtaguibao)

Category : Utilities

Budget : Php 13,400.00

Problem Statement : This is a proposal for the construction of a basketball court. Our community needs an area where sports activities can be held especially for the young people.

Objective : To construct a basketball court.

How it benefits the community: The building of a basketball court will benefit all the members of our community. Young people will have an opportunity to find their interests and seek enjoyment of sports like basketball and volleyball. They will become healthy, and also experience healthy competition to motivate them to succeed.

Total Votes = 14 | [View Voters](#)

[Click here for more information](#)

Community Playground

Project idea by: Roy Choco (rchoco)

Approved by: Gladys Selosa (gselosa)

Category : Recreation

Budget : Php 18,701.80

Problem Statement : Young people, particularly children, do not have a recreational facility to encourage them to engage in physical activities.

Objective : To provide a safe playground for children

How it benefits the community: Children will benefit since they will have a venue to play outside with their friends (since most of our houses do not provide much room for them to run around in). Moreover, this will give them an opportunity to play in open air and feel safe.

Total Votes = 13 | [View Voters](#)

[Click here for more information](#)

Figure 60: Approved Proposals in Barangay

Figure 60 shows all the approved proposals in the barangay, those that are ready for voting. Since the voting period is on-going in the barangay, the Barangay Officer can also view the number of votes for each Proposal. Moreover, when the user clicks the View Voters link, a pop-up window showing a list of all the voters will be shown (see Figure 61). The user also has an option to view approved proposals in the barangay by clicking the drop-down menu at the left corner, but that user cannot see the voters since he/she does not belong to that barangay.

View Proposal Voters

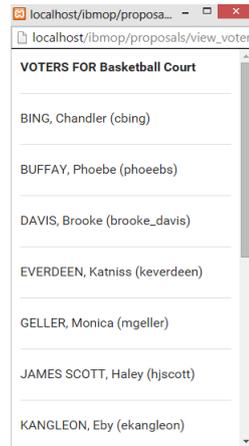


Figure 61: Proposal Voters - View Citizen Names

In Figure 60, a Proposal with title Basketball Court is seen. When the View Voters link is clicked, the list of voters for this Proposal is shown.

Voting Period Over

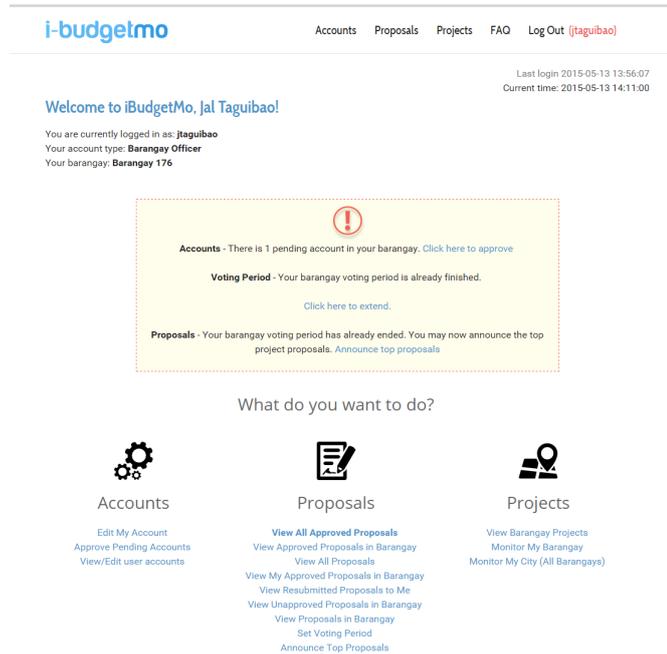


Figure 62: Once Voting Period is over, a Barangay Officer is notified

In Figure 62, the Barangay Officer is notified in the Dashboard that the voting period is already over and the top Proposals in the barangay are not yet announced.

Choosing Number of Proposals

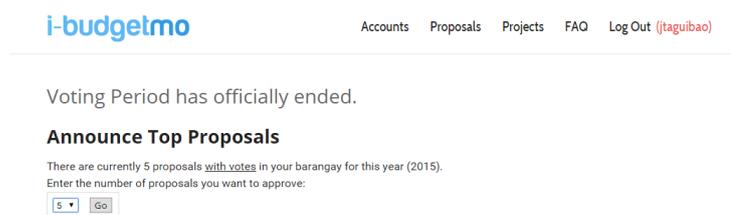


Figure 63: Number of Proposals to be Considered

The Barangay Officer is given an option on how many proposals should be approved, shown in Figure 63.

Top Barangay Proposals

Approve 3 Project Proposals:

Basketball Court

Problem Statement: This is a proposal for the construction of a basketball court. Our community needs an area where sports activities can be held especially for the young people.

Objective: To construct a basketball court.

Benefit: The building of a basketball court will benefit all the members of our community. Young people will have an opportunity to find their interests and seek enjoyment of sports like basketball and volleyball. They will become healthy, and also experience healthy competition to motivate them to succeed.

Budget: Php 13,400

Total Votes: 14

Community Playground

Problem Statement: Young people, particularly children, do not have a recreational facility to encourage them to engage in physical activities.

Objective: To provide a safe playground for children

Benefit: Children will benefit since they will have a venue to play outside with their friends (since most of our houses do not provide much room for them to run around in). Moreover, this will give them an opportunity to play in open air and feel safe.

Budget: Php 18,702

Total Votes: 13

Construction of a Deep Well

Problem Statement: There are no sources for safe drinking water to the community members. Most of the children are getting sick nowadays because of the dirty water in the barangay.

Objective: There are no sources for safe drinking water to the community members. Most of the children are getting sick nowadays because of the dirty water in the barangay.

Benefit: Having a safe source of water will benefit not only the children in the barangay, but people of all ages. All members in the barangay consume water, and we all deserve to drink clean water. Community will also be educated on the benefits of boiling drinking water to avoid diseases.

Budget: Php 22,629

Total Votes: 5

Total Budget: Php 54,731

[Submit!](#)

NOTE: Upon submitting, these projects will be FINAL and be submitted to the Sangguniang Barangay. All barangay members, both citizens and barangay officers, will also be notified about this.

[< Back to Announcement of Top Proposals](#)

Figure 64: Top 3 Proposals are Considered

For example, the barangay officer wants to choose the top 3 Proposals. The top 3 Proposals that garnered the highest votes are shown in Figure 64, along with the estimated total budget. This is not final yet; however, it will be submitted to the Sangguniang Barangay who is in-charge of the budget.

Top Barangay Proposals are Chosen

Success! You have successfully submitted 3 Project Proposals.

This will be submitted to the **Sangguniang Barangay** officer for further checking of the budget. Citizens in your barangay will also be notified about the project submissions. Here are the information about the projects that will be implemented for your barangay:

Basketball Court

Problem Statement: This is a proposal for the construction of a basketball court. Our community needs an area where sports activities can be held especially for the young people.

Objective: To construct a basketball court.

Benefit: The building of a basketball court will benefit all the members of our community. Young people will have an opportunity to find their interests and seek enjoyment of sports like basketball and volleyball. They will become healthy, and also experience healthy competition to motivate them to succeed.

Budget: Php 13,400

Total Votes: 14

Community Playground

Problem Statement: Young people, particularly children, do not have a recreational facility to encourage them to engage in physical activities.

Objective: To provide a safe playground for children

Benefit: Children will benefit since they will have a venue to play outside with their friends (since most of our houses do not provide much room for them to run around in). Moreover, this will give them an opportunity to play in open air and feel safe.

Budget: Php 18,702

Total Votes: 13

Construction of a Deep Well

Problem Statement: There are no sources for safe drinking water to the community members. Most of the children are getting sick nowadays because of the dirty water in the barangay.

Objective: There are no sources for safe drinking water to the community members. Most of the children are getting sick nowadays because of the dirty water in the barangay.

Benefit: Having a safe source of water will benefit not only the children in the barangay, but people of all ages. All members in the barangay consume water, and we all deserve to drink clean water. Community will also be educated on the benefits of boiling drinking water to avoid diseases.

Budget: Php 22,629

Total Votes: 5

Total Budget: Php 54,731

[< Back to Proposals](#)

[< Back to Announcement of Top Proposals](#)

Figure 65: Top 3 Proposals are Chosen

Here in Figure 65, the top 3 Proposals are already chosen. These will be added to the Projects list as well.

Projects

i-budgetmo Accounts Proposals Projects FAQ Log Out (jtaguibao)

View Barangay Projects

You can view barangay projects in all parts of Caloocan.

Select Barangay Select Barangay Go

Here are the projects in Barangay 176 that garnered the highest votes. | [View Barangay Map](#)

Basketball Court

Project idea by: Eby Kangleon (ekangleon)
Final approval by (based on votes): Jal Taguibao (jtaguibao)
Proposed Budget: Php 13,400.00
Actual Budget: No budget plan yet.
Date approved: 2015-05-13 08:26:06

Problem Statement: This is a proposal for the construction of a basketball court. Our community needs an area where sports activities can be held especially for the young people.
Objective: To construct a basketball court.
How it Benefits the Community The building of a basketball court will benefit all the members of our community. Young people will have an opportunity to find their interests and seek enjoyment of sports like basketball and volleyball. They will become healthy, and also experience healthy competition to motivate them to succeed.

[More Information on this Project](#)

Community Playground

Project idea by: Roy Choco (rchoco)
Final approval by (based on votes): Jal Taguibao (jtaguibao)
Proposed Budget: Php 18,701.80
Actual Budget: No budget plan yet.
Date approved: 2015-05-13 08:26:06

Problem Statement: Young people, particularly children, do not have a recreational facility to encourage them to engage in physical activities.
Objective: To provide a safe playground for children
How it Benefits the Community Children will benefit since they will have a venue to play outside with their friends (since most of our houses do not provide much room for them to run around in). Moreover, this will give them an opportunity to play in open air and feel safe.

[< Back to Announcement of Top Proposals](#)

Figure 66: View Projects

Figure 66 shows the finalized top proposals are now in the list of Projects. Now, the barangay officer will wait for the approval of the Sanggunian for the actual budget of these Projects. Once the actual budget is finalized, the barangay officer can add more details about the Project.

View Project Information

i-budgetmo Accounts Proposals Projects FAQ Log Out (jtaguibao)

View Project Information

These are the additional details for the project.
[< Back to Brgy. Projects](#)

Project Title: Basketball Court

Proposed by:	Eby Kangleon (ekangleon)
Approved by:	Jal Taguibao (jtaguibao)
Budget Evaluated by:	<i>Not yet evaluated</i>
Barangay:	176
Rating:	0
Date Approved:	2015-05-13 08:26:06
Date Evaluated:	<i>Not yet evaluated.</i>
Proposed Budget	Php 13,400.00 View
Actual Budget	<i>Not yet evaluated.</i>

Item	Price	Quantity	Cost
Construction - Cement and other materials for paving	Php 5600.00	1	Php 5,600.00
Paints for lines and borders	Php 1000.00	2	Php 2,000.00
Labor	Php 250.00	10	Php 2,500.00
Wood for the backboard	Php 200.00	2	Php 400.00
Basketball rings	Php 700.00	2	Php 1,400.00
Metal frames for backboards	Php 500.00	2	Php 1,000.00
Wooden posts for board stands	Php 250.00	2	Php 500.00
Total Cost			Php 13,400.00

Problem Statement
This is a proposal for the construction of a basketball court. Our community needs an area where sports activities can be held especially for the young people.

Objective
To construct a basketball court.

How will this benefit the community?
The building of a basketball court will benefit all the members of our community. Young people will ave an opportunity to find their interests and seek enjoyment of sports like basketball and volleyball. They will become healthy, and also experience healthy competition to motivate them to succeed.

[Waiting for actual budget plan. Once submitted, you can create additional details for this project](#)

Figure 67: View Project Information - No Actual Budget Yet

Here in Figure 67, the information about the Project can be seen. In this example, the Project does not have an actual budget finalized yet. In effect, the barangay officer cannot create additional details for the Project since its actual budget is not yet finalized.

Project - Actual Budget is Finalized

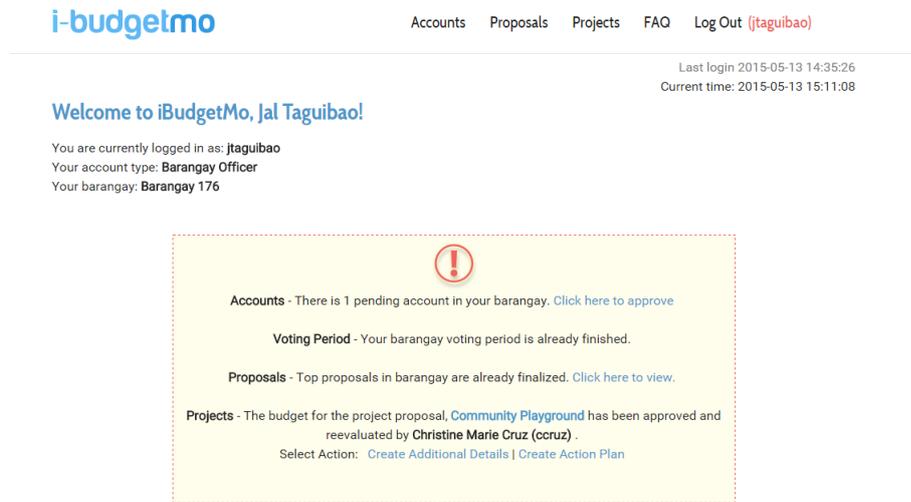


Figure 68: A Dashboard notification will appear once a barangay Project's actual budget is finalized

When the Actual Budget is already finalized by the Sangguniang Barangay, the Barangay Officer will be notified. In Figure 68, the barangay officer is notified in the dashboard. The Barangay Officer is given two options: to create additional project details (contains address and date), or create an action plan.

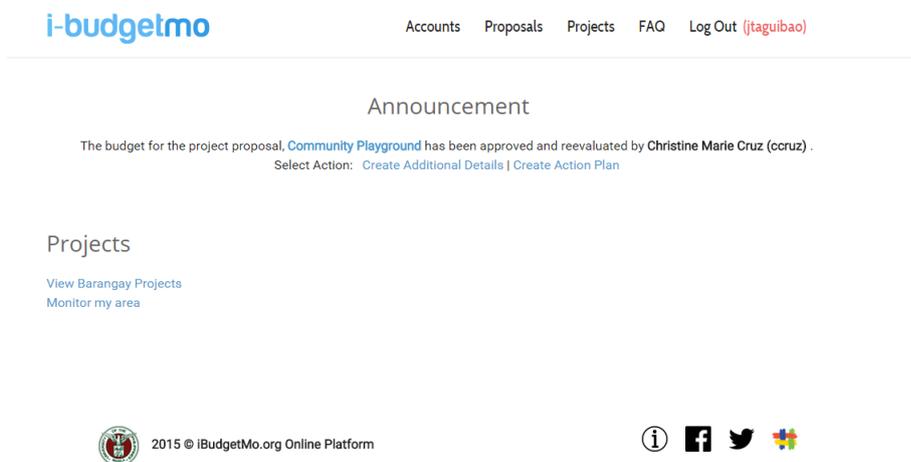


Figure 69: Another notification for Project's actual budget is finalized
This is another notification for finalized actual budget in the Projects page.

Creating an Action Plan for a Project

i-budgetmo Accounts Proposals Projects FAQ Log Out (jtaguibao)

Create Action Plan

List down the steps you will take to solve the problem.
Your plan of action should be clear. It must include all the activities you plan to do to complete the project in proper order as well as the personnel needed for each activity.
Your plan of action must be realistic and must consider your available resources such as time and money.

[← Back to Projects](#) [\(+ Add New Row](#) | [\(-\) Delete Current Row](#)

Action Plan for Community Playground
Date: 2015-05-13 15:14:48

1.	Bidding for contractor.
2.	Schedule a date for the lot to be cleared. Should be ready for construction.
3.	Build playground fences
4.	Build equipment - benches (4)
5.	Build equipment - swing (2)
6.	Build equipment - slide (1)
7.	Build equipment - monkey bars (2)

Figure 70: Creating an Action Plan for a Project

Suppose in this example, the barangay officer chooses to create an action plan for the Community Playground Project. The barangay officer will specify the steps from the beginning of the Project until its final step for completion. In Figure 70, the barangay officer has specified seven steps. Furthermore, creating an action plan will be used as a basis of rating the progress of the Project by the citizen who proposed.

Creating Additional Details for a Project

i-budgetmo Accounts Proposals Projects FAQ Log Out (jtaguibao)

Create Additional Project Details

Specify additional information for this project.
[< Back to Projects](#)

Community Playground

Edit project information:

Project Address

Address:

Latitude:

Longitude:

Project Dates

Start Date:

End Date:

Map

Langit Road

Langit Road

Langit Road

Phase 1 Market

Bagong Silang Elementary School

Sto. Nino Parish

Bagong Silang Police Detachment

Bagong Silang

Old Zubarte

Be Juni

Map data ©2015 Google 100 m

Figure 71: Creating Additional Project Details

The other option for the barangay officer is to specify the additional Project details. This includes two important information: the address and the project date. In Figure 71, the user must input a valid address and click the "Find" button. Clicking this will result to a GeoCoding feature, which will automatically add a marker on the map (assuming the address is valid). The latitude and longitude will also be automatically specified. Moreover, a user may also drag the marker in case the actual location is not as exact as the GeoCoded tagged location. The latitude and longitude will be automatically changed once the marker is dragged. The barangay officer is also required to input the start date and end date of the Project.

View Complete Project Details

i-budgetmo Accounts Proposals Projects FAO Log Out (taguiba)

View Project Information

These are the additional details for the project.
[Back to Brgy. Projects](#)

Project Title: Community Playground

Proposed by:	Roy Choco (rhoco)
Approved by:	Jai Taguiba (taguiba)
Budget Evaluated by:	Christine Marie Cruz (ceenz)
Barcode:	176
Rating:	★★
Date Approved:	2015-05-13 08:26:06
Date Evaluated:	2015-05-13 14:48:43
Start Date of Project:	2015-05-01
End Date of Project:	2015-07-01
Proposed Budget:	Php 18,701.80 View
Actual Budget:	Php 25,581.80 View

Item	Price	Quantity	Cost
Playground fence - cement	Php 4000.00	1	Php 4,000.00
Paint	Php 1000.00	1	Php 1,000.00
Labor	Php 900.00	5	Php 2,500.00
Equipment - Benches	Php 800.00	4	Php 3,200.00
Equipment - Swing	Php 1200.00	2	Php 2,400.00
Equipment - Slide	Php 1000.00	1	Php 1,000.00
Equipment - Monkey bars	Php 2300.90	2	Php 4,601.80
Total Cost			Php 18,701.80

Item	Price	Quantity	Cost
Construction - Cement and other materials for fence	Php 5450.00	1	Php 5,450.00
Paint (bucket)	Php 900.00	4	Php 3,600.00
Labor (2 days)	Php 1000.00	5	Php 5,000.00
Equipment - Benches	Php 800.00	4	Php 3,200.00
Equipment - Swing	Php 1175.00	2	Php 2,350.00
Equipment - Slide	Php 1000.00	1	Php 1,000.00
Equipment - Monkey Bars	Php 2300.90	2	Php 4,701.80
Total Cost			Php 25,581.80

Problem Statement
 Young people, particularly children, do not have a recreational facility to encourage them to engage in physical activities.

Objective
 To provide a safe playground for children

How will this benefit the community?
 Children will benefit since they will have a venue to play outside with their friends (since most of our houses do not provide much room for them to run around in). Moreover, this will give them an opportunity to play in open air and feel safe.

Action	Rate	Remark
• Bidding for contractor.	✓	
• Schedule a date for the lot to be cleared. Should be ready for construction.	✓	Lot is already cleared and ready!
• Build playground fences	✗	
• Build equipment - benches (4)	✗	
• Build equipment - swing (2)	✗	
• Build equipment - slide (1)	✗	
• Build equipment - monkey bars (2)	✗	

Address:
 Langit Road, Calabcan

Figure 72: Sample Project with Complete Details

This is what the Project will look like when the details are specified already. In Figure 72, the Project's action plan is already evaluated by the citizen who proposed the Project. The Project address along with its location on the map is also seen.

Monitor Barangay Projects in Map

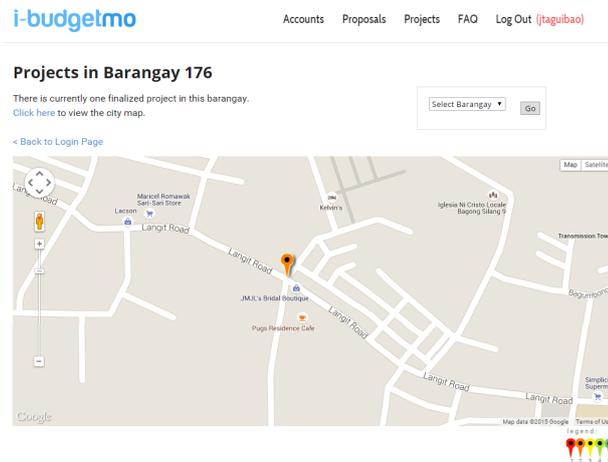


Figure 73: Sample Barangay 176 Map with Tagged Addresses of Projects

Once the Project is tagged on the map, it can be seen in either Barangay view or City view. In Figure 73, we can see the Projects in Barangay 176 (where the Basketball Court Project belongs). Since this is the only finalized Project in Barangay 176, it is the only Project seen.

Monitor City Projects in Map

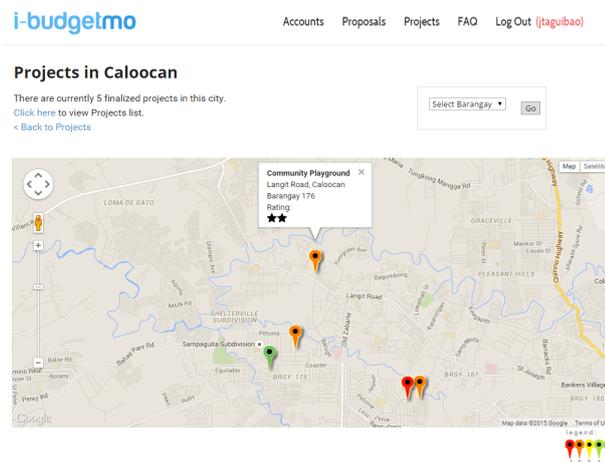


Figure 74: Caloocan City with Tagged Addresses of All Projects

On the other hand, Figure 74 shows the whole Caloocan city map, which includes all the Projects.

D. Sanggunian View

Dashboard

i-budgetmo Account Proposals Projects FAQ Log Out (ccruz)

Last login 2015-05-13 10:16:31
Current time: 2015-05-13 14:35:31

Welcome to iBudgetMo, Christine Marie Cruz!

You are currently logged in as: **ccruz**
Your account type: **Sanggunian**
Your barangay: **Barangay 176**

Projects - Proposals are already finalized as approved projects. [Click here to view the projects.](#)

These Projects do not have a finalized budget yet:
Basketball Court - [Create Budget Plan](#)
Community Playground - [Create Budget Plan](#)
Construction of a Deep Well - [Create Budget Plan](#)

What do you want to do?

Accounts
Edit My Account
View user accounts

Proposals
View Barangay Proposals
[View All Approved Proposals](#)
View All Proposals

Projects
View Barangay projects
Monitor My Barangay
Monitor My City (All Barangays)

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Facebook Twitter

Figure 75: Sanggunian Dashboard

This is the Dashboard view for the Sanggunian. Following the Citizen and Barangay Officer views, we assume that the Barangay voting period has just finished and the Sanggunian need to finalize the actual budget for the Projects. Finalizing the actual budget from a barangay to the city is outside the system, although it is the Sanggunian's responsibility to show the breakdown of the actual approved budget. In Figure 75, the Sanggunian is given an alert that the Voting Period for Barangay 176 has just finished and he/she is required to finalize the actual budget plan so that further action may be done by other users.

View Projects in Barangay

i-budgetmo Account Proposals Projects FAQ Log Out (ccruz)

Here are the projects in Barangay 176 that garnered the highest votes. | [View Barangay Map](#)

Basketball Court

Project idea by: Eby Kangleon ([ekangleon](#))
Final approval by (based on votes): Jal Taguibao ([jtaguibao](#))
Proposed Budget: [Php 13,400.00](#)
Actual Budget: **No budget plan yet.** [Create Budget Plan](#)
Date approved: 2015-05-13 08:26:06

Problem Statement: This is a proposal for the construction of a basketball court. Our community needs an area where sports activities can be held especially for the young people.
Objective: To construct a basketball court.
How it Benefits the Community The building of a basketball court will benefit all the members of our community. Young people will have an opportunity to find their interests and seek enjoyment of sports like basketball and volleyball. They will become healthy, and also experience healthy competition to motivate them to succeed.

[More Information on this Project](#)

Community Playground

Project idea by: Roy Choco ([rchoco](#))
Final approval by (based on votes): Jal Taguibao ([jtaguibao](#))
Proposed Budget: [Php 18,701.80](#)
Actual Budget: **No budget plan yet.** [Create Budget Plan](#)
Date approved: 2015-05-13 08:26:06

Problem Statement: Young people, particularly children, do not have a recreational facility to encourage them to engage in physical activities.
Objective: To provide a safe playground for children
How it Benefits the Community Children will benefit since they will have a venue to play outside with their friends (since most of our houses do not provide much room for them to run around in). Moreover, this will give them an opportunity to play in open air and feel safe.

[More Information on this Project](#)

Figure 76: Viewing Projects in Barangay will Also Show a Reminder

Figure 76 shows Projects in the barangay, and will also show a reminder that the actual budget plan for those Projects need to be specified.

Creating an Actual Budget Plan

Create a budget plan.

Please fill out the forms carefully.

The cost column need not be filled in, it will be automatically computed.

You may **add a new row** and also **delete the current/last row** you are working on.

Note: To be sure about the total cost of the budget plan, make sure that you click any field in the table before submission (especially when a row is deleted).

(+) Add New Row | (-) Delete Current Row

Item	Price (in Php)	Quantity	Cost
Construction - Cement a	5450	1	5450
Paint (bucket)	950	4	3800
Labor (2 days)	1000	5	5000
Equipment - Benches	800	4	3200
Equipment - Swing	1175	2	2350
Equipment - Slide	1000	1	1000
Equipment - Monkey Ba	2390.90	2	4781.8
Total Cost			25581.8

Submit

Figure 77: Creating an Actual Budget Plan for Community Playground Project

In Figure 75, this user is given a notification about the finalized Projects in the barangay that does not have a budget plan yet. For example, the user chooses to finalize the budget for the Community Playground Project. This example in Figure 77 shows the user view in creating the actual budget plan for the Project.

View Project with Finalized Budget

View Project Information

These are the additional details for the project.

[< Back to Brgy. Projects](#)

Project Title: Community Playground

Proposed by:	Roy Choco (rchoco)
Approved by:	Jal Taguibao (itaguibao)
Budget Evaluated by:	Christine Marie Cruz (ccruz)
Barangay:	176
Rating:	0
Date Approved:	2015-05-13 08:26:06
Date Evaluated:	2015-05-13 14:48:43
Proposed Budget	Php 18,701.80 View
Actual Budget	Php 25,581.00 View

Budget Proposal

Item	Price	Quantity	Cost
Playground fence - cement	Php 4000.00	1	Php 4,000.00
Paint	Php 1000.00	1	Php 1,000.00
Labor	Php 500.00	5	Php 2,500.00
Equipment - Benches	Php 800.00	4	Php 3,200.00
Equipment - Swing	Php 1200.00	2	Php 2,400.00
Equipment - Slide	Php 1000.00	1	Php 1,000.00
Equipment - Monkey bars	Php 2300.90	2	Php 4,601.80
Total Cost			Php 18,701.80

Actual Budget Plan

Item	Price	Quantity	Cost
Construction - Cement and other materials for fence	Php 5450.00	1	Php 5,450.00
Paint (bucket)	Php 950.00	4	Php 3,800.00
Labor (2 days)	Php 1000.00	5	Php 5,000.00
Equipment - Benches	Php 800.00	4	Php 3,200.00
Equipment - Swing	Php 1175.00	2	Php 2,350.00
Equipment - Slide	Php 1000.00	1	Php 1,000.00
Equipment - Monkey Bars	Php 2390.90	2	Php 4,781.80
Total Cost			Php 25,581.80

Problem Statement

Young people, particularly children, do not have a recreational facility to encourage them to engage in physical activities.

Objective

To provide a safe playground for children

How will this benefit the community?

Children will benefit since they will have a venue to play outside with their friends (since most of our houses do not provide much room for them to run around in). Moreover, this will give them an opportunity to play in open air and feel safe.

No Action Plan yet

[No Project Details yet.](#)
| [No action plan yet.](#)

Figure 78: Project with Finalized Budget

Figure 78 shows the Project view with a finalized budget. When the Project's actual budget is already finalized, further action can be done by other user types. For example, a Barangay Officer will need to create an action plan (Figure 70) and specify the additional Project details (Figure 71).

E. Administrator View

Dashboard

i-budgetmo Accounts Proposals Projects FAQ Log Out (admin)

Last login 2015-05-13 10:16:31
Current time: 2015-05-13 12:11:16

Welcome, Cara Chongco!
You are currently logged in as: **admin**
Your account type: **Administrator**
Your barangay: **Barangay 176**

Accounts - There are 4 pending accounts. [Click here to approve](#)

What do you want to do?

- Accounts**
 - Edit My Account
 - Approve Pending Accounts
 - Reset user passwords
 - View/Edit user accounts
- Proposals**
 - View All Approved Proposals
 - View All Proposals
 - View Unapproved Proposals in Barangay
 - View Proposals in Barangay
- Projects**
 - View Barangay Projects
 - Monitor My Barangay
 - Monitor My City (All Barangays)

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Figure 79: Administrator Dashboard

The administrator dashboard is shown in Figure 79. The administrator will be notified if there are newly-registered, pending accounts in the system. In this example, there are four pending accounts waiting for an approval. Figure 80 will show the view when the user goes to the pending accounts link.

Approve Pending Accounts

Pending Citizen Accounts

These are all the pending accounts in the system.

Click **ENABLE** to enable a new account.

Once an account is enabled, the user may already use that account to participate in the system.

[< Back to Accounts](#)

Sort by

Username	First Name	Last Name	Address	Birthdate	Contact Number	E-mail	Brgy.	Account Status	More Info	Enable
ringo_starr	Ringo	Starr	292 Liverpool Street, Caloocan		78-222910	wealllive@theyellowsubmarine.com	175	pending	View	Enable
rgeller	Ross	Geller	233 Dinosaur Street, Sangandaan	1979-09-20	2342435	dr.geller@wewereonabreak.com	176	pending	View	Enable
jmormont	Jorah	Mormont	32 Valyria Street, Camarin, Caloocan	1974-08-09	3341587	jorah@mormont.com	175	pending	View	Enable
harry_potter	Harry	Potter	82 Bagong Silang, Caloocan	1989-02-18	9821212	mahiwagangbanga@gmail.com	176	pending	View	Enable

Figure 80: Enabling a Pending Account

Figure 80 shows the four pending accounts in the system in a tabulated form with most information. For example, the user wants to approve the pending account of user Harry Potter. The user may choose to click the Enable link. Once an account is enabled, a notification e-mail will be sent to the user with the account e-mail specified.

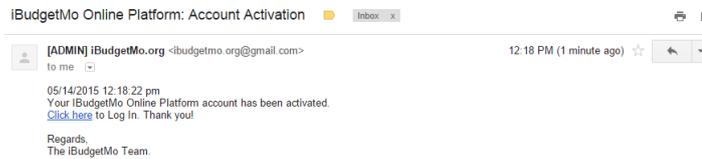


Figure 81: An E-mail to a User with an Enabled Account

This e-mail in Figure 81 is the one sent automatically to a user when his/her account is enabled.

View All Accounts

i-budgetmo Accounts Proposals Projects FAQ Log Out (admin)

View All Accounts

These are all of the accounts in the system.
[< Back to Accounts](#)

Sort by

Username	First Name	Last Name	Role	Address	Contact Number	E-mail	Brgy.	Account Status	More Info	Edit
admin	Cara	Chongco	admin	10 Buchanan Drive Broadway Pines	639159110056	carachongco@gmail.com	176	enabled	View	Edit
jtugubao	Jal	Tagubao	barangay officer	182 Sangandaan	639182203518	jtugubao@ansa-eap.net	176	enabled	View	Edit
ccruz	Christine Marie	Cruz	sanggunian	182 Hill Drive, Sangandaan, Caloccan	09126645523	ccruz@ansa-eap.net	176	enabled	View	Edit
ekangleon	Eby	Kangleon	citizen	#241 Purple Drive, Sangandaan	639051152282	ekangleon@ansa-eap.net	176	enabled	View	Edit
paul_mccartney	Paul	McCartney	citizen		2938102	paulmccartney@thebeatles.com	175	enabled	View	Edit
john_lennon	John	Lennon	citizen		340229111	john.lennon@fanmail.com	175	enabled	View	Edit
george_harrison	George	Harrison	citizen		827111342	herecomesthesun@beatles.com	175	enabled	View	Edit
ringo_starr	Ringo	Starr	pending	292 Liverpool Street, Caloccan	78-222910	wealllive@theyellowsubmarine.com	175	pending	View	Edit
brian_epstein	Brian	Epstein	barangay officer	5th Beatle Street, Sangandaan, Caloccan	928033	brianeptain05@beatles.com	175	enabled	View	Edit
phoebe	Phoebe	Buffay	citizen	239 Friends Street, Sangandaan Caloccan	2928102	phoebe@friends-eap.net	176	enabled	View	Edit
jtribianni	Joey	Tribianni	citizen	39 How St. UDORN Compound, Sangandaan	2930123	joey@estelle.com	176	enabled	View	Edit
cbing	Chandler	Bing	citizen	80 Joker Street, Sangandaan	2029321	ms.chanandler@bing.com	176	enabled	View	Edit

Figure 82: View All Accounts in the System

Upon returning to the Accounts page, or in the Dashboard, the administrator also has an option to view all the accounts in the system, as shown in Figure 82

Search Accounts

Search Results for *anderson*

Here are the results for your search, "anderson":
[< Back to All Accounts](#)

Sort by

Username	ID	First Name	Last Name	Role	Address	Contact Number	E-mail	Brgy.	Account Status	More Info	Edit
aanderson	64	Abigail	Anderson	citizen	15 Fearless Street, Sangandaan, Caloccan	9182122	fifteen@fearless.com	175	enabled	View	Edit
nadiya_anderson	66	Nadiya	Anderson	citizen	Cadena de Amor, Camarin, Barangay 174	2039923	nadiya@survivor.com	174	enabled	View	Edit
nat_anderson	75	Nat	Anderson	barangay officer	187 Twinnie Ville, Camarin	20393332	twinnie@solesurvivor.com	174	enabled	View	Edit

Figure 83: Search the Accounts by Typing a Keyword

An administrator may also search for existing accounts in the system by putting an input into the textbox with a magnifying glass. In Figure 83, the administrator searched for Anderson keyword, and different accounts are shown.

View Barangay Accounts

i-budgetmo Accounts Proposals Projects FAQ Log Out (admin)

View Barangay Accounts

These are all of the accounts in the selected barangay, **Barangay 175**.
[< Back to Accounts](#)

Sort by

Username	First Name	Last Name	Role	Address	Contact Number	E-mail	Brgy.	Account Status	More Info	Edit
paul_mccartney	Paul	McCartney	citizen		2938102	paulmccartney@thebeatles.com	175	enabled	View	Edit
john_lennon	John	Lennon	citizen		340229111	john.lennon@fanmail.com	175	enabled	View	Edit
george_harrison	George	Harrison	citizen		827111342	herecomesthesun@beatles.com	175	enabled	View	Edit
ringo_starr	Ringo	Starr	pending	292 Liverpool Street, Caloocan	78-222910	weallive@theyellowsubmarine.com	175	pending	View	Edit
brian_epstein	Brian	Epstein	barangay officer	5th Beattie Street, Sangandaan, Caloocan	928033	brianepstein05@beatles.com	175	enabled	View	Edit
dtargaryen	Dany	Targaryen	barangay officer	198 Dragon Street, Barangay 175	234234	ilovedragons@targaryen.com	175	enabled	View	Edit

Figure 84: Sort Accounts by Barangay

The administrator may view the accounts by barangay but clicking the drop-down menu at the left part of the user interface and choosing a barangay, shown in Figure 84.

View Account Information

View Account

These are the account details for account **Sheldon Cooper (scooper)**

[← Back to All Accounts](#) [Edit this account](#)

Username	scooper
ID	27
Barangay	175
Account Status	enabled
Role	citizen
First Name	Sheldon
Middle Name	
Last Name	Cooper
Address	20 5B Apartment, Camarin
Birthday	1983-08-19
Age	0
Sex	male
Contact Number	2394292
E-mail	normal@motherhadmetested.com

Figure 85: View Account Information

The administrator may also choose to view the account details of the user, as shown in Figure 85. From there, the administrator may also edit that account.

Edit Account Information

Edit an Account

These are the account details for account **Sheldon Cooper (scooper)**

[← Back to All Accounts](#)

ID	27
Username	<input type="text" value="scooper"/>
Password	<input type="password"/>
Barangay	<input type="text" value="175"/>
Account Status	<input type="text" value="enabled"/>
Role	<input type="text" value="citizen"/>
First Name	<input type="text" value="Sheldon"/>
Middle Name	<input type="text"/>
Last Name	<input type="text" value="Cooper"/>
Address	<input type="text" value="20 5B Apartment, Camarin"/>
Birthday	<input type="text" value="1983-08-19"/>
Age	<input type="text" value="31"/>
Sex	<input type="text" value="male"/>
Contact Number	<input type="text" value="2394295"/>
E-mail	<input type="text" value="normal@motherhadmetested.com"/>

Figure 86: Edit Account Information

The administrator may also edit details of an account.

VII. Discussions

The IBudgetMo Online Platform (IBMOP) is a tool for citizens to be involved in barangay participatory budgeting activities in Caloocan City. This special problem helps solve the previous issues in the first run of IBudgetMo, which was done manually. Since an online platform is provided, there is now an accessible way for both barangay officials and citizens to participate in project consultations more easily and effectively.

Citizens may now actively identify and decide the priority projects for their barangay without the inconvenience caused by postponed meetings or going back-and-forth to the barangay halls. Updates regarding their project proposals, as well as the barangay project proposals, will be seen right away in their Dashboard page. The finalized projects in their barangay can also be monitored more easily because these are visually mapped already. They can also look at the progress of the projects in the other barangays, and even the whole city, without the need to go to other barangay halls or the city hall.

On the other hand, barangay officers can also approve project proposals easily since these are in an online platform already that gathers the proposals. They are also constant reminders in their Dashboard page about proposals to approve, projects to finalize, etc.

With CodeIgniter's MVC patterned system, it was not very difficult to implement this system. Furthermore, Google has provided maps with GeoCoding services already; therefore, gathering information about maps was not as challenging as it seemed as long as the given address is valid. However, since a barangay setup is considered very small for a map, some addresses were not readily-available in Google maps.

VIII. Conclusions

The IBudgetMo Online Platform (IBMOP) is an online tool for participatory budgeting and project monitoring in barangays in Caloocan City. The system administrator of IBMOP will be responsible for checking the validity of the user accounts who register into the system and its approval. Once an account is approved, citizens or barangay officials may navigate through IBMOP, view approved proposals, and monitor on-going projects.

The barangay officers for each barangay are highly encouraged to specify the barangay voting period right away. When this is achieved, citizens may propose projects for the next year, and wait for its approval. If the barangay officers think that the proposed project is feasible, it will be included in the list of the project proposals to be voted upon. When the voting period is over, the barangay officer may announce the top proposals in the barangay and wait for its final budget approval by the city, to be submitted by the sangguniang barangay. The actual budget for a project will usually be modified. Once the sangguniang barangay specifies the actual budget plan for the projects, the barangay officer may now add the project in the barangay map through GeoCoding. A detailed plan of action will also be created by the barangay officer so that a citizen may rate the project's progress objectively. When this is completed, a citizen may rate the project's progress through an action plan.

IX. Recommendations

The most significant feature of IBMOP is that the barangay officers and citizens have an efficient way to consult with each other regarding their barangay projects since connecting to the internet has become very accessible in the Philippines. However, not everyone has an access to a reliable, high-speed internet connection all the time. The use of SMS in mobile phones still remains to be the more preferred way of communicating, especially the lower class citizens in the country. It is highly encouraged that the next run of IBudgetMo will enable an SMS feature. These features may include the following: SMS alerts (notifications in the dashboard), voting through SMS, or information access through sending SMS.

In addition, it is recommended for the next run of IBudgetMo to take into consideration to limit a project vote per household, instead of limiting it per citizen. This is because citizens who belong to larger households get an advantage in campaigning their proposed projects.

Another challenge that IBMOP has faced is that not all addresses in a barangay are stored in the Google Maps database. It is highly recommended that the next run of IBudgetMo will be able to get coordinates from Caloocan City so that all addresses can now be accurately-represented. Furthermore, this will result to give quicker results in GeoCoding as well.

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XI. Appendix

A. Source Codes

Configuration Files

```
1 <?php
2
3 $config['base_url'] = '';
4 $config['index_page'] = '';
5 $config['uri_protocol'] = 'AUTO';
6 $config['url_suffix'] = '';
7 $config['language'] = 'english';
8 $config['charset'] = 'UTF-8';
9 $config['enable_hooks'] = FALSE;
10 $config['subclass_prefix'] = 'MY_';
11 $config['permitted_uri_chars'] = ''; //a-z
    0-9%.\-~
12 $config['allow_get_array'] = TRUE;
13 $config['enable_query_strings'] = FALSE;
14 $config['controller_trigger'] = 'c';
15 $config['function_trigger'] = 'm';
16 $config['directory_trigger'] = 'd';
17 $config['log_threshold'] = 0;
18 $config['log_path'] = '';
19 $config['log_date_format'] = 'Y-m-d H:i:s';
20 $config['cache_path'] = '';
21 $config['encryption_key'] = 'ILoveChunLi';
22 $config['sess_cookie_name'] = 'ci_session';
23 $config['sess_expiration'] = 7200;
24 $config['sess_expire_on_close'] = FALSE;
25 $config['sess_encrypt_cookie'] = FALSE;
26 $config['sess_use_database'] = FALSE;
27 $config['sess_table_name'] = 'ci_sessions';
28 $config['sess_match_ip'] = FALSE;
29 $config['sess_match_useragent'] = TRUE;
30 $config['sess_time_to_update'] = 300;
31 $config['cookie_prefix'] = "";
32 $config['cookie_domain'] = "";
33 $config['cookie_path'] = "/";
34 $config['cookie_secure'] = FALSE;
35 $config['global_xss_filtering'] = FALSE;
36 $config['csrf_protection'] = FALSE;
37 $config['csrf_token_name'] =
    'csrf_test_name';
38 $config['csrf_cookie_name'] =
    'csrf_cookie_name';
39 $config['csrf_expire'] = 7200;
40 $config['compress_output'] = FALSE;
41 $config['time_reference'] = 'local';
42 $config['rewrite_short_tags'] = FALSE;
43 $config['proxy_ips'] = '';
```

Listing 1: config.php

```
1 <?php
2
3 $active_group = 'default';
4 $active_record = TRUE;
5 $query_builder = TRUE;
6
7 $db['default']['hostname'] = 'localhost';
8 $db['default']['username'] = 'root';
9 $db['default']['password'] = '';
10 $db['default']['database'] = 'ibmop';
11 $db['default']['dbdriver'] = 'mysql';
12 $db['default']['dbprefix'] = '';
13 $db['default']['pconnect'] = TRUE;
```

```
14 $db['default']['db_debug'] = TRUE;
15 $db['default']['cache_on'] = FALSE;
16 $db['default']['cachedir'] = '';
17 $db['default']['char_set'] = 'utf8';
18 $db['default']['dbcollat'] =
    'utf8_general_ci';
19 $db['default']['swap_pre'] = '';
20 $db['default']['autoinit'] = TRUE;
21 $db['default']['stricton'] = FALSE;
```

Listing 2: database.php

```
1 <?php
2 $route['default_controller'] = 'dashboard';
3 $route['404_override'] = '';
```

Listing 3: routes.php

Controllers

```
1 <?php
2
3 class Accounts extends CI_Controller{
4     public function index(){
5         $this->load->helper(array('html','url'));
6
7         if ($this->session->userdata('type') ==
8             "Administrator"){
9             $this->load->helper('html');
10            $this->load->model('model_users');
11
12            $this->load->view('/includes/header');
13            $this->load->view('/admin/vAccounts.php');
14            $this->load->view('/includes/footer');
15        }
16
17        else if
18            ($this->session->userdata('type')
19            == "Barangay Officer"){
20            $this->load->helper('html');
21            $this->load->model('model_users');
22
23            $this->load->view('/includes/header');
24            $this->load->view('/barangay_officer/vAccounts.php');
25            $this->load->view('/includes/footer');
26        }
27
28        else if
29            ($this->session->userdata('type')
30            == "Citizen"){
31            $this->load->helper('html');
32            $this->load->model('model_users');
33
34            $this->load->view('/includes/header');
35            $this->load->view('/citizen/vAccounts.php');
36            $this->load->view('/includes/footer');
37        }
38
39        else if
40            ($this->session->userdata('type')
41            == "Sanggunian"){
42            $this->load->helper('html');
43            $this->load->model('model_users');
44
45            $this->load->view('/includes/header');
46            $this->load->view('/sanggunian/vAccounts.php');
47            $this->load->view('/includes/footer');
48        }
49
50        else {
51            $this->load->view('/includes/header');
52            $this->load->view('/vNoAccess');
53            $this->load->view('/includes/footer');
54        }
55    }
56
57    public function viewAllAccounts(){
58        $this->load->helper('html');
59        $this->load->model('model_users');
60
61        if ($this->session->userdata('type') ==
62            "Administrator"){
63            $this->load->view('/includes/header');
64            $this->load->view('/vNoAccess');
65            $this->load->view('/includes/footer');
66        }
67    }
68
69    public function viewAllAccountsBarangay(){
70        $this->load->helper('html');
71        $this->load->helper('url');
72        $this->load->model('model_users');
73
74        if (($this->session->userdata('type')
75            == "Barangay Officer")){
76            $user_id =
77                $this->session->userdata('user_id');
78            $userBrgy =
79                $this->model_users->get_barangay($user_id);
80            $data['users'] =
81                $this->model_users->getAllBrgy($userBrgy);
82
83            $this->load->view('/includes/header');
84            $this->load->view('/barangay_officer/vAll_BrgyAccounts',
85                $data);
86            $this->load->view('/includes/footer');
87        }
88
89        else if
90            (($this->session->userdata('type')
91            == "Sanggunian")){
92            $user_id =
93                $this->session->userdata('user_id');
94            $userBrgy =
95                $this->model_users->get_barangay($user_id);
96            $data['users'] =
97                $this->model_users->getAllBrgy($userBrgy);
98
99            $this->load->view('/includes/header');
100           $this->load->view('/sanggunian/vAll_BrgyAccounts',
101               $data);
102           $this->load->view('/includes/footer');
103        }
104
105        else {
106            $this->load->view('/includes/header');
107            $this->load->view('/vNoAccess');
108            $this->load->view('/includes/footer');
109        }
110    }
111
112    public function viewAccount($id){
113        $this->load->helper('html');
114        $this->load->model('model_users');
115
116        $data['users'] =
117            $this->model_users->get($id);
118
119        $this->load->view('/includes/header');
120
121        if ($this->session->userdata('type') ==
122            "Administrator"){
123            $this->load->view('/admin/vView_Account',
124                $data);
125        }
126
127        else if
128            ($this->session->userdata('type')
129            == "Barangay Officer"){
130            $this->load->view('/barangay_officer/vView_Account',
131                $data);
132        }
133    }
134 }
```

```

118     else if
        ($this->session->userdata('type')
        == "Sanggunian"){
119         $this->load->view('/sanggunian/vView_Account',
            $data);
120     }
121
122     else if
        ($this->session->userdata('type')
        == "Citizen") {
123         $this->load->view('vNoAccess');
124     }
125     $this->load->view('/includes/footer');
126 }
127
128 public function date_valid($date){
129
130     $year = (int) substr($date, 0, 4);
131     $month = (int) substr($date, 5, 3);
132     $day = (int) substr($date, 8, 2);
133     checkdate($month, $day, $year);
134
135     if (checkdate($month, $day, $year) ==
        TRUE) {
137         return TRUE;
138     }
139     else {
140         $this->form_validation->set_message('date_valid',
            'Please enter a valid date.');
```

```

        'required|callback_date_valid');
        $this->form_validation->set_rules('email',
            'Email', 'required|valid_email');
        $this->form_validation->set_rules('contact_number',
            'Contact Number',
            'required|numeric');
        $data['users'] =
            $this->model_users->get($id);
        if ($this->session->userdata('type') ==
            "Administrator"){
            if ($this->form_validation->run() ==
                FALSE){
                $this->load->view('/includes/header');
                $this->load->view('/admin/vEdit_Account',
                    $data);
                $this->load->view('/includes/footer');
            }
            else {
                $this->editUserAccount($id);
            }
        }
        else if (
            $this->session->userdata('type')
            == "Barangay Officer"){
            if ($this->form_validation->run()
                == FALSE){
                $this->load->view('/includes/header');
                $this->load->view('/barangay_officer/vEdit_Acc
                    $data);
                $this->load->view('/includes/footer');
            }
            else{
                $this->editUserAccountB($id);
            }
        }
        else {
            $this->load->view('/includes/header');
            $this->load->view('/vNoAccess',
                $data);
            $this->load->view('/includes/footer');
        }
    }
    public function email_is_taken($input){
145     $query = "SELECT * FROM 'user' WHERE
146         'email' =?";
147     $arg = array($input);
148     $exec = $this->db->query($query, $arg)
        or die(mysql_error());
149
150     if($exec->num_rows() > 0){
151         $this->form_validation->set_message('email_is_tak
            'Sorry, the e-mail address ' .
152             $input . ' is already assigned
            to another user. ');
153         return FALSE;
154     }
155     else {
156         return TRUE;
157     }
158 }
159
160 public function alpha_dash_space($str){
161     return ( ! preg_match("/^([a-z_
        ])+$/i", $str) ) ? FALSE : TRUE;
162 }
163
164 public function editAccount($id){
165
166     $this->load->helper('html');
167     $this->load->helper(array('form'));
168     $this->load->model('model_users');
```

```

        $this->load->library('form_validation');
        $this->form_validation->set_rules('first_name',
            'First Name',
            'required|callback_alpha_dash_space|max_length[30]');
        $this->form_validation->set_rules('last_name',
            'Last Name',
            'required|callback_alpha_dash_space|max_length[30]');
        $this->form_validation->set_rules('birthday',
            'Birthday',
            'required|callback_date_valid');
```

```

        $userID =
            $this->session->userdata('user_id');
        $data['users'] =
            $this->model_users->get($userID);
        $this->load->view('/includes/header');
        if
            ($this->session->userdata('type')
            == "Administrator"){
            if
                ($this->form_validation->run()
                == FALSE){
                $this->load->view('/admin/vEdit_OwnAccount',
                    $data);
            }
        }
    }
    public function editOwnAccount(){
        $this->load->helper(array('form',
            'url', 'html'));
        $this->load->model('model_users');
        $this->load->library('form_validation');
        $this->form_validation->set_rules('email',
            'Email', 'required|valid_email');
        $this->form_validation->set_rules('contact_number',
            'Contact Number',
            'required|numeric');
```



```

333         'sanggunian'){
334         $role['role_id'] = '4';
335     }
336     $this->model_roles->updateUserRoleName($id,
337         $role['role_id']);
338 }
339 $this->load->view('/includes/header');
340 $this->load->view('/admin/vSuccessEdit',
341     $data);
342 $this->load->view('/includes/footer');
343 }
344 public function editUserAccountB($id){
345     $this->load->helper('html');
346     $this->load->library('session');
347     $this->load->model('model_users');
348     $this->load->model('model_roles');
349     $this->load->helper('form');
350
351     $data['users'] =
352         $this->model_users->get($id);
353     $role['roles'] =
354         $this->model_roles->get($id);
355
356     echo "<font color=ffffff size=1px>";
357     var_dump($this->input->post());
358     echo "</font>";
359
360     $from = new
361         DateTime($this->input->post('birthday'));
362     $to = new DateTime('today');
363
364     $ageComputed = $from->diff($to)->y;
365
366     $data=array(
367         'account_status' =>
368             $this->input->post('account_status'),
369         'contact_number' =>
370             $this->input->post('contact_number'),
371         'email' => $this->input->post('email'),
372     );
373
374     $role = array('role_name' =>
375         $this->input->post('role_name'));
376
377     if ( ($role['role_name']) ==
378         'administrator'){
379         $role['role_id'] = '1';
380         $this->model_roles->updateUserRoleName($id,
381             $role['role_id']);
382     }
383     else if ( ($role['role_name']) ==
384         'barangay_officer'){
385         $role['role_id'] = '2';
386         $this->model_roles->updateUserRoleName($id,
387             $role['role_id']);
388     }
389     else if ((($role['role_name']) ==
390         'citizen'){
391         $role['role_id'] = '3';
392         $this->model_roles->updateUserRoleName($id,
393             $role['role_id']);
394     }
395     else if ((($role['role_name']) ==
396         'sanggunian'){
397         $role['role_id'] = '4';
398         $this->model_roles->updateUserRoleName($id,
399             $role['role_id']);
400     }
401 }
402
403 public function viewAllAccountsPassword(){
404     $this->load->helper('html');
405     $this->load->model('model_users');
406     $data['users'] =
407         $this->model_users->getAll();
408
409     if ($this->session->userdata('type') ==
410         "Administrator"){
411         $this->load->view('/includes/header');
412         $this->load->view('/admin/vReset_Password.php',
413             $data);
414         $this->load->view('/includes/footer');
415     }
416     else {
417         $this->load->view('/includes/header');
418         $this->load->view('/admin/vNoAccess',
419             $data);
420         $this->load->view('/includes/footer');
421     }
422 }
423
424 public function resetPassword($id){
425     $this->load->helper('html');
426     $this->load->model('model_users');
427     $data['users'] =
428         $this->model_users->get($id);
429
430     if ($this->session->userdata('type') ==
431         "Administrator"){
432         $this->load->view('/includes/header');
433         $this->load->view('/admin/vReset_UserPassword',
434             $data);
435         $this->load->view('/includes/footer');
436     }
437     else {
438         $this->load->view('/includes/header');
439         $this->load->view('/admin/vNoAccess',
440             $data);
441         $this->load->view('/includes/footer');
442     }
443 }
444
445 public function resend_password() {
446     $this->load->helper('html');
447     $this->load->model('model_users');
448     $pass = $this->generatePassword();
449     if($this->email_passwordreset($account,
450         $pass)) {
451         $this->AccountModel->updatePassword($user,
452             $pass);
453         $this->session->set_flashdata('success',
454             'Your password was successfully
455             reset! Your account details
456             were sent to your email. ');
457         redirect('dashboard');
458     }
459     else {
460         $data['resenderror'] = true;
461     }
462 }

```

```

447     $this->session->set_flashdata('error',
448     'Error in resetting password!
        Please try again.');
```

```

449     $this->load->view('/includes/header',
450     $header);
451     $this->load->view('/includes/footer',
452     $data);
453 }
454 }
455 public function resetPasswordEmail($id){
456     $this->load->helper('html');
457     $this->load->model('model_users');
458     $data['user'] =
459     $this->model_users->getUser($id);
460     $data['email'] =
461     $this->model_users->getEmail($id);
462     $data['password'] =
463     $this->model_users->getPassword($id);
464     $data['new_password'] =
465     $this->generatePassword();
466 }
467 function generatePassword($length = 6) {
468     $chars =
469     'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789';
470     $count = mb_strlen($chars);
471     for ($i = 0, $result = ''; $i <
472     $length; $i++) {
473         $index = rand(0, $count - 1);
474         $result .= mb_substr($chars,
475         $index, 1);
476     }
477     return $result;
478 }
479 public function
480     email_passwordreset($account,
481     $pass) {
482     $this->load->library('email');
483     $config['protocol'] = "smtp";
484     $config['smtp_host'] =
485     "ssl://smtp.gmail.com";
486     $config['smtp_port'] = "465";
487     $config['smtp_user'] =
488     "ibudgetmo.org@gmail.com";
489     $config['smtp_pass'] = "ANSA-EAP2015";
490     $config['charset'] = "utf-8";
491     $config['mailtype'] = "html";
492     $config['newline'] = "\r\n";
493 }
494 $this->email->initialize($config);
495 $this->email->from('ibudgetmo.org@gmail.com',
496 'IBudgetMo');
497 $this->email->to($account->email);
498 $this->email->subject('IBudgetMO Online
499 Platform: Password Reset');
500 $this->email->message('Dear
501     '.$account->first_name.'
502     '.$account->last_name.',
503     <br><br>You have requested for
504     password reset. The system has
505     generated a new password with the
506     following account details:
507     <br><br>Username:</b> ' .
508     $account->username .
509     '<br><br>Password:</b> ' .
510     $password.'<br><br>You can log in
511     to the IBudgetMo Online Platform
512     to change your password.');
```

```

513 // $this->email->send();
514 if (!$this->email->send()) {
515     echo $this->email->print_debugger();
516     return false;
517 }
518 return true;
519 }
520 public function search_all_users(){
521     $this->load->helper(array('url', 'html'));
522     $this->load->model('model_users');
523     $data['users'] =
524     $this->model_users->get_search();
525     if ($this->session->userdata('type') ==
526     "Administrator"){
527         $this->load->view('includes/header');
528         $this->load->view('admin/vSearch_All_Accounts',
529         $data);
530     }
531 }
532 public function search_barangay_users($barangay_code){
533     $this->load->helper(array('url', 'html'));
534     $this->load->model('model_users');
535     $data['brgy_code'] = $barangay_code;
536     $data['users'] =
537     $this->model_users->get_search_brgy($barangay_code);
538     if ($this->session->userdata('type') ==
539     "Administrator"){
540         $this->load->view('includes/header');
541         $this->load->view('admin/vSearch_Brgy_Accounts',
542         $data);
543     }
544 }
545 }
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```

Listing 4: accounts.php

```

19         $this->model_users->getAll();
20         $this->load->view('/includes/header');
21         $this->load->view('vchange_password',
22             $data);
23         $this->load->view('/includes/footer');
24     }
25     else {
26         redirect('dashboard');
27     }
28     public function submit()
29     {
30         $this->load->helper('url');
31         $this->load->helper('html');
32
33         if($this->session->userdata('logged_in'))
34         {
35             $session_array =
36                 $this->session->userdata('logged_in');
37             if($this->input->post('password1')!=
38                 $this->input->post('password2'))
39             {
40                 $userIsLoggedIn =
41                     $this->session->userdata('logged_in');
42                 $userID =
43                     $this->session->userdata('user_id');
44                 $data['msg'] = "<font
45                     color=ff0000>Password
46                     confirmation does not match
47                     the new password.</font>";
48                 $this->load->model('model_users');
49                 $data['users']=$this->model_users->getAll();
50                 $this->load->view('/includes/header');
51                 $this->load->view('vChange_Password',
52                     $data);
53             }
54         }
55         else
56         {
57             if
58                 (md5($this->input->post('password'))
59                 !=
60                 ($this->session->userdata('password')))
61             {
62                 $userIsLoggedIn =
63                     $this->session->userdata('logged_in');
64                 $this->load->model('model_users');
65                 $userID =
66                     $this->session->userdata('user_id');
67                 $data['users']=$this->model_users->getAll();
68                 $data['msg'] = "<font
69                     color=ff0000>Old password
70                     is incorrect.</font>";
71                 $this->load->view('/includes/header');
72                 $this->load->view('vChange_Password',
73                     $data);
74             }
75         }
76         else if
77             ((strlen($this->input->post('password1'))
78             < 4) ||
79             (strlen($this->input->post('password2'))
80             < 4)){
81             $userIsLoggedIn =
82                 $this->session->userdata('logged_in');
83             $this->load->model('model_users');
84             $userID =
85                 $this->session->userdata('user_id');
86             $data['users']=$this->model_users->getAll();
87             $data['msg'] = "<font
88                 color=ff0000>New Password
89                 cannot be less than 4
90                 characters</font>";
91             $this->load->view('/includes/header');
92             $this->load->view('vChange_Password',
93                 $data);
94         }
95     }
96     else
97     {
98         $data= array(
99             'password' =>
100                 MD5($this->input->post('password1'))
101         );
102         $userID =
103             $this->session->userdata('user_id');
104         $this->model_users->update_user($userID,
105             $data);
106         $userIsLoggedIn =
107             $this->session->userdata('logged_in');
108         $data['msg'] = "Password
109             changed.";
110         $this->load->view('/includes/header');
111         $this->load->view('vsuccess_change_pw',
112             $data);
113     }
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Listing 5: change_password.php

```

28 $this->session->set_userdata('user_role', 7
    $this->model_roles->get_user_roles($userID)); $this->load->view('includes/header');
29 $this->session->set_userdata('first_name', 9 $this->load->view('vFAQ');
    $first_name); 10 $this->load->view('includes/footer');
30 $this->session->set_userdata('last_name', 11
    $last_name); 12
31 $this->session->set_userdata('password', 13 }
    $password); 14
32 $this->session->set_userdata('barangay_code', 15
    $barangay_code); 16 }
33 $this->session->set_userdata('last_login', 17 ?>
    $last_login);
34 $this->session->set_userdata('is_logged_in',
    TRUE);

```

Listing 7: faq.php

```

36 $sql = "SELECT role.role_name FROM user 1 <?php
    inner join user_role on 2
    user.user_id = user_role.user_id 3 class Projects extends CI_Controller{
37 INNER JOIN ROLE on user_role.role_id = 4 public function index(){
    role.role_id WHERE user.user_id = 5 $this->load->helper(array('url','html'));
    $userID"; 6 $this->load->model('model_proposals');
38 $exec = $this->db->query($sql); 7 $this->load->model('model_barangays');
39 8 $this->load->model('model_users');
40 if ($exec->num_rows() > 0){ 9 $this->load->model('model_projects');
41 foreach($exec->result() as $data){ 10
42 $db_role_name = $data->role_name; 11
43 12 $this->load->library('session');
44 if ($db_role_name == "admin"){ 13 $this->load->library('googlemaps');
45 $this->session->set_userdata('type', 14
    "Administrator"); 15 $projects =
46 redirect('/admin/dashboard', 16 $this->model_projects->get_all_projects();
    'refresh'); 17 $projects_count =
47 } 18 $this->model_projects->get_all_project_address_count
48 else if ($db_role_name == 19
    "barangay_officer"){ 20 $config['center'] = '14.747535,
49 $this->session->set_userdata('type', 21 121.05357619999995';
    "Barangay Officer"); 22 $config['places'] = TRUE;
50 redirect(site_url('barangay_officer/dashboard'), 23 $config['zoom'] = 'auto';
51 } 24 $config['region'] = 'PH';
52 else if ($db_role_name == 25 $config['placesLocation'] =
    "citizen") { 26 '14.747535, 121.05357619999995';
53 $this->session->set_userdata('type', 27 $config['$placesAutocompleteBoundSW'] =
    "Citizen"); 28 '14.742881, 121.046298';
54 redirect(site_url('citizen/dashboard')); 29 $config['$placesAutocompleteBoundNE'] =
55 } 30 '14.756867, 121.053615';
56 31 $this->googlemaps->initialize($config);
57 else if ($db_role_name == 32
    "sanggungan") { 33 echo "<style>";
58 $this->session->set_userdata('type', 34 echo ".column-left{ float: left; width:
    "Sanggungan"); 35 50%; }";
59 redirect(site_url('sanggungan/dashboard')); 36 echo ".column-right{ float: right;
60 } 37 width: 33%; }";
61 } 38 echo "</style>";
62 } 39
63 $this->load->model('model_roles'); 40 echo "<div class=column-left>";
64 $isPending = 41 echo "<h3>Projects in Caloocan </h3>";
    $this->model_users->isPending($userID); 42 if ($projects_count == 1){
65 } 43 echo "There is currently one
66 } 44 finalized project in this
67 } 45 city.<br>";
68 } 46 }
69 } 47 echo "There are currently " .
70 ?> 48 $projects_count . " finalized
    projects in this city.<br>";
49 echo "<a href=" .
    site_url('/projects/view_barangay_projects_menu')
    . ">Click here</a> to view
    Projects list. <br>";
50 echo "<a href=" .
    site_url('/projects/view_barangay_projects_menu')
    . ">< Back to Projects List</a>";

```

Listing 6: dashboard.php

```

1 <?php
2 class Faq extends CI_Controller{
3 public function index(){
4 $this->load->helper('html');
5 $this->load->helper('url');
6 $this->load->library('session');

```

```

42     echo "</div>";
43
44     echo "<div class=column-right>";
45     echo "<br><br>";
46     $this->load->view('vMap_Navigation');
47     echo "</div>";
48
49     if ($projects_count > 0){
50     foreach ($projects as $project){
51
52         $marker = array();
53         $marker['position'] =
54             "$project->latitude,
55             $project->longitude";
56
57         if ($project->rating == 0) {
58             $marker['icon'] =
59                 site_url('/assets/images/marker01.png');
60             $marker['infowindow_content'] =
61                 "<b>" .
62                 $project->project_name .
63                 "</b><br>" .
64                 $project->address . "<br>
65                 Barangay " .
66                 $project->barangay_code .
67                 "<br> Rating: 0";
68         }
69         else if (($project->rating > 0.0) &&
70             ($project->rating < 0.20)){
71             $marker['icon'] =
72                 site_url('/assets/images/marker01.png');
73             $marker['infowindow_content'] =
74                 "<b>" .
75                 $project->project_name .
76                 "</b><br>" .
77                 $project->address . "<br>
78                 Barangay " .
79                 $project->barangay_code .
80                 "<br> Rating: ";
83         }
84         else if (($project->rating >= 0.20)
85             && ($project->rating < 0.39)){
86             $marker['icon'] =
87                 site_url('/assets/images/marker02.png');
88             $marker['infowindow_content'] =
89                 "<b>" .
90                 $project->project_name .
91                 "</b><br>" .
92                 $project->address . "<br>
93                 Barangay " .
94                 $project->barangay_code .
95                 "<br> Rating: ";
98         }
99         else if (($project->rating >= 0.40)
100             && ($project->rating < 0.59)){
101             $marker['icon'] =
102                 site_url('/assets/images/marker03.png');
103             $marker['infowindow_content'] =
104                 "<b>" .
105                 $project->project_name .
106                 "</b><br>" .
107                 $project->address . "<br>
108                 Barangay " .
109                 $project->barangay_code .
110                 "<br> Rating: ";
113         }
114         else if (($project->rating >= 0.60)
115             && ($project->rating < 0.79)){
116             $marker['icon'] =
117                 site_url('/assets/images/marker04.png');
118             $marker['infowindow_content'] =
119                 "<b>" .
120                 $project->project_name .
121                 "</b><br>" .
122                 $project->address . "<br>
123                 Barangay " .
124                 $project->barangay_code .
125                 "<br> Rating: ";
128         }
129         else if (($project->rating >= 0.80)
130             && ($project->rating <= 1.00)){
131             $marker['icon'] =
132                 site_url('/assets/images/marker05.png');
133             $marker['infowindow_content'] =
134                 "<b>" .
135                 $project->project_name .
136                 "</b><br>" .
137                 $project->address . "<br>
138                 Barangay " .
139                 $project->barangay_code .
140                 "<br> Rating: ";
143         }
144     }
145     if (($project->latitude != 0.00) &&
146         ($project->longitude != 0.00)){
147         $this->googlemaps->add_marker($marker);
148     }
149 } //foreach
150
151 $projectdata['map'] =
152     $this->googlemaps->create_map();
153 $this->load->view('vView_Map',
154     $projectdata);
155
156 } //if not empty
157 else {
158     echo "There are no finalized
159     projects in this city yet.
160     <br>";
161 }
162
163 $this->load->view('/includes/header');
164 $this->load->View('/includes/footer');
165 }
166
167 public function
168     view_barangay_projects_map($barangay_code){
169     $this->load->helper(array('url', 'html'));
170     $this->load->model('model_proposals');
171     $this->load->model('model_barangays');
172     $this->load->model('model_users');
173     $this->load->model('model_projects');
174
175     $this->load->library('session');
176     $this->load->library('googlemaps');
177
178     $projects =
179         $this->model_projects->get_barangay_project($barangay_code);
180     $projects_count =
181         $this->model_projects->get_barangay_project_address_count($barangay_code);

```

```

115
116 $config['center'] = '14.747535, 121.05357619999995';
117 // $config['center'] = 'Caloocan City, Philippines';
118 $config['places'] = TRUE;
119 $config['zoom'] = 'auto';
120 $config['region'] = 'PH';
121 $config['$placesLocation'] =
122     '14.747535, 121.05357619999995';
123 $config['$placesAutocompleteBoundSW'] =
124     '14.742881, 121.046298';
125 $config['$placesAutocompleteBoundNE'] =
126     '14.756867, 121.053615';
127
128 $this->googlemaps->initialize($config);
129
130 echo "<style>";
131 echo ".column-left{ float: left; width: 50%; }";
132 echo ".column-right{ float: right; width: 33%; }";
133 echo "</style>";
134
135 echo "<div class=column-left>";
136 echo "<h3>Projects in Barangay $barangay_code </h3>";
137 if ($projects_count == 0){
138     echo "There are no finalized projects in this barangay yet. <br>Check again next time. <br>";
139 }
140 else if ($projects_count == 1){
141     echo "There is currently one finalized project in this barangay.<br>";
142 }
143 else {
144     echo "There are currently " . $projects_count . " finalized projects in this barangay.<br>";
145     echo "<a href=" . site_url('projects/view_barangay_projects/' . $barangay_code) . "> Click here </a> to view projects list for this barangay. <br>";
146 }
147
148 echo "<a href=" . site_url('/projects') . ">Click here</a> to view the city map. <br><br>";
149 echo "<a href=" . site_url('/login') . ">< Back to Login Page </a>";
150
151 echo "</div>";
152
153 echo "<div class=column-right>";
154 echo "<br><br>";
155 $this->load->view('vMap_Navigation');
156 echo "</div>";
157
158 if ($projects_count != 0){
159     foreach ($projects as $project){
160         $marker = array();
161         $marker['position'] = "$project->latitude, $project->longitude";
162         if ($project->rating == 0) {
163             $marker['icon'] =
164                 site_url('/assets/images/marker01.png');
165             $marker['infowindow_content'] =
166                 "<b> " . $project->project_name . "</b><br>" . $project->address . "<br>Barangay " . $project->barangay_code . "<br>Rating: 0";
167         }
168         else if (($project->rating > 0.0) && ($project->rating < 0.20)){
169             $marker['icon'] =
170                 site_url('/assets/images/marker01.png');
171             $marker['infowindow_content'] =
172                 "<b> " . $project->project_name . "</b><br>" . $project->address . "<br>Barangay " . $project->barangay_code . "<br>Rating: ";
173         }
174         else if (($project->rating >= 0.20) && ($project->rating < 0.39)){
175             $marker['icon'] =
176                 site_url('/assets/images/marker02.png');
177             $marker['infowindow_content'] =
178                 "<b> " . $project->project_name . "</b><br>" . $project->address . "<br>Barangay " . $project->barangay_code . "<br>Rating: ";
179         }
180         else if (($project->rating >= 0.40) && ($project->rating < 0.59)){
181             $marker['icon'] =
182                 site_url('/assets/images/marker03.png');
183             $marker['infowindow_content'] =
184                 "<b> " . $project->project_name . "</b><br>" . $project->address . "<br>Barangay " . $project->barangay_code . "<br>Rating: ";
185         }
186         else if (($project->rating >= 0.60) && ($project->rating < 0.79)){
187             $marker['icon'] =
188                 site_url('/assets/images/marker04.png');
189             $marker['infowindow_content'] =
190                 "<b> " . $project->project_name . "</b><br>" . $project->address . "<br>Barangay " . $project->barangay_code . "<br>Rating: ";
191         }
192         else if (($project->rating >= .80) && ($project->rating <= 1.00)){

```

```

184         $marker['icon'] =
185             site_url('/assets/images/marker05.png');
186     $marker['infowindow_content'] =
187         "<b> " .
188         $project->project_name .
189         "</b><br>" .
190         $project->address . "<br>" .
191         Barangay " .
192         $project->barangay_code .
193         "<br> Rating: ";
196     }
197     if (($project->latitude != 0.00) &&
198         ($project->longitude != 0.00)){
199         $this->googlemaps->add_marker($marker);
200     }
201 } //foreach
202
203 $projectdata['map'] =
204     $this->googlemaps->create_map();
205     $this->load->view('vView_Map',
206         $projectdata);
207
208 } //if not empty
209 else {
210     echo " ";
211 }
212
213 $this->load->view('/includes/header');
214
215 if ($projects_count != 0){
216     $this->load->View('/includes/footer');
217 }
218 } //fxn
219
220 public function
221     view_barangay_projects_menu(){
222         $this->load->helper(array('url', 'html'));
223         $this->load->library('session');
224         $this->load->model('model_projects');
225
226         $this->load->view('includes/header');
227         $this->load->view('vProjects_Navigation');
228         $this->load->view('includes/footer');
229     }
230
231 public function
232     view_barangay_projects($barangay_code){
233         $this->load->helper(array('url', 'html'));
234         $this->load->library('session');
235         $this->load->model('model_projects');
236
237         $data['projects'] =
238             $this->model_projects->get_barangay_project($barangay_code);
239         $data['projects_count'] =
240             $this->model_projects->get_barangay_project_count($barangay_code);
241         $data['barangay_choice'] =
242             $barangay_code;
243
244         $this->load->view('includes/header');
245         $this->load->view('vProjects_Navigation');
246         $this->load->view('vView_Barangay_Projects',
247             $data);
248         $this->load->view('includes/footer');
249     }
250
251 public function
252     view_budget_plan($project_id){
253         date_default_timezone_set('Asia/Manila');
254         $this->load->helper(array('url', 'html'));
255         $this->load->library('session');
256         $this->load->library('form_validation');
257         $this->load->model('model_projects');
258
259         $data['project'] =
260             $this->model_projects->get($project_id);
261         $data['budget_plan'] =
262             $this->model_projects->get_project_budget_plan($project_id);
263
264         $this->load->view('/includes/header');
265         $this->load->view('vView_Budget_Plan',
266             $data);
267         $this->load->view('/includes/footer');
268     }
269
270 public function view_project($project_id){
271     $this->load->helper(array('url', 'html'));
272     $this->load->library('session');
273     $this->load->library('googlemaps');
274     $this->load->model('model_proposals');
275     $this->load->model('model_projects');
276
277     $proposal_id =
278         $this->model_projects->get_proposal_id($project_id);
279
280     $data['projects'] =
281         $this->model_projects->get_project($project_id);
282     $data['budget_proposal'] =
283         $this->model_proposals->get_proposal_budget_plan($proposal_id);
284     $data['budget_plan'] =
285         $this->model_projects->get_project_budget_plan($project_id);
286     $data['action_plan'] =
287         $this->model_projects->get_action_plan($project_id);
288
289     $addressExists =
290         $this->model_projects->get_address($project_id);
291
292     $projects =
293         $this->model_projects->get_project($project_id);
294
295     $config['center'] = '14.747535,
296         121.05357619999995';
297     //$config['center'] = 'Caloocan City,
298         Philippines';
299     $config['places'] = TRUE;
300     $config['zoom'] = 'auto';
301     $config['region'] = 'PH';
302     $config['$placesLocation'] =
303         '14.747535, 121.05357619999995';
304     $config['$placesAutocompleteBoundSW'] =
305         '14.742881, 121.046298';
306     $config['$placesAutocompleteBoundNE'] =
307         '14.756867, 121.053615';
308
309     $this->googlemaps->initialize($config);
310     foreach ($projects as $project){
311         $marker = array();
312         $marker['position'] =
313             "$project->latitude,
314             $project->longitude";
315         if ($project->rating == 0) {
316             $marker['icon'] =
317                 site_url('/assets/images/marker01.png');
318             $marker['infowindow_content'] =
319                 "<b> " .
320                 $project->project_name .
321                 "</b>";
322         }
323     }
324 }

```

```

290         "</b><br>" .
291         $project->address . "<br>
292         Barangay " .
293         $project->barangay_code .
294         "<br> Rating: 0";
295     }
296     else if (($project->rating > 0.0) &&
297             ($project->rating < 0.20)){
298         $marker['icon'] =
299             site_url('/assets/images/marker01.png');
300         $marker['infowindow_content'] =
301             "<b>" .
302             $project->project_name .
303             "</b><br>" .
304             $project->address . "<br>
305             Barangay " .
306             $project->barangay_code .
307             "<br> Rating: ";
310     }
311     else if (($project->rating >= 0.20)
312             && ($project->rating < 0.39)){
313         $marker['icon'] =
314             site_url('/assets/images/marker02.png');
315         $marker['infowindow_content'] =
316             "<b>" .
317             $project->project_name .
318             "</b><br>" .
319             $project->address . "<br>
320             Barangay " .
321             $project->barangay_code .
322             "<br> Rating: ";
325     }
326     else if (($project->rating >= 0.40)
327             && ($project->rating < 0.59)){
328         $marker['icon'] =
329             site_url('/assets/images/marker03.png');
330         $marker['infowindow_content'] =
331             "<b>" .
332             $project->project_name .
333             "</b><br>" .
334             $project->address . "<br>
335             Barangay " .
336             $project->barangay_code .
337             "<br> Rating: ";
340     }
341     else if (($project->rating >= 0.60)
342             && ($project->rating < 0.79)){
343         $marker['icon'] =
344             site_url('/assets/images/marker04.png');
345         $marker['infowindow_content'] =
346             "<b>" .
347             $project->project_name .
348             "</b><br>" .
349             $project->address . "<br>
350             Barangay " .
351             $project->barangay_code .
352             "<br> Rating: ";
355     }
356     else if (($project->rating >= .80)
357             && ($project->rating <= 1.00)){
358         $marker['icon'] =
359             site_url('/assets/images/marker05.png');
360         $marker['infowindow_content'] =
361             "<b>" .
362             $project->project_name .
363             "</b><br>" .
364             $project->address . "<br>
365             Barangay " .
366             $project->barangay_code .
367             "<br> Rating: ";
370     }
371 }
372
373 if (($project->latitude != 0.00) &&
374     ($project->longitude != 0.00)){
375     $this->googlemaps->add_marker($marker);
376 }
377
378 $projectdata['map'] =
379     $this->googlemaps->create_map();
380
381 $this->load->view('/includes/header');
382 $this->load->view('vView_Project',
383     $data);
384
385 if (($addressExists != 0) ||
386     ($addressExists != NULL)){
387     $this->load->view('vView_Project_Map',
388         $projectdata);
389 }
390 $this->load->view('/includes/footer');
391 }
392
393 public function
394     view_project_map($project_id){
395     $this->load->helper(array('url','html'));
396     $this->load->model('model_proposals');
397     $this->load->model('model_barangays');
398     $this->load->model('model_users');
399     $this->load->model('model_projects');
400
401     $this->load->library('session');
402     $this->load->library('googlemaps');
403
404     $projects =
405         $this->model_projects->get_project($project_id);
406
407     $config['center'] = '14.747535,
408         121.05357619999995';
409     //$config['center'] = 'Caloocan City,
410         Philippines';
411     $config['places'] = TRUE;
412     $config['zoom'] = 'auto';
413     $config['region'] = 'PH';
414     $config['$placesLocation'] =
415         '14.747535, 121.05357619999995';
416     $config['$placesAutocompleteBoundSW'] =
417         '14.742881, 121.046298';
418     $config['$placesAutocompleteBoundNE'] =
419         '14.756867, 121.053615';
420
421     $this->googlemaps->initialize($config);
422
423     foreach ($projects as $project){
424         $marker = array();
425         $marker['position'] =
426             $project->latitude,
427             $project->longitude;
428         if ($project->rating == 0) {
429             $marker['icon'] =
430                 site_url('/assets/images/marker01.png');
431         }
432     }
433 }

```

```

361     $marker['infowindow_content'] =
        " <b> " .
        $project->project_name .
        "</b><br>" .
        $project->address . " <br>
        Barangay " .
        $project->barangay_code .
        "<br> Rating: 0";
362 }
363 else if (($project->rating > 0.0) &&
        ($project->rating < 0.20)){
364     $marker['icon'] =
        site_url('/assets/images/marker01.png');
365     $marker['infowindow_content'] =
        " <b> " .
        $project->project_name .
        "</b><br>" .
        $project->address . " <br>
        Barangay " .
        $project->barangay_code .
        "<br> Rating: ";
366 }
367 else if (($project->rating >= 0.20)
        && ($project->rating < 0.39)){
368     $marker['icon'] =
        site_url('/assets/images/marker02.png');
369     $marker['infowindow_content'] =
        " <b> " .
        $project->project_name .
        "</b><br>" .
        $project->address . " <br>
        Barangay " .
        $project->barangay_code .
        "<br> Rating: ";
370 }
371 else if (($project->rating >= 0.40)
        && ($project->rating < 0.59)){
372     $marker['icon'] =
        site_url('/assets/images/marker03.png');
373     $marker['infowindow_content'] =
        " <b> " .
        $project->project_name .
        "</b><br>" .
        $project->address . " <br>
        Barangay " .
        $project->barangay_code .
        "<br> Rating: ";
374 }
375 }
376 else if (($project->rating >= 0.60)
        && ($project->rating < 0.79)){
377     $marker['icon'] =
        site_url('/assets/images/marker04.png');
378     $marker['infowindow_content'] =
        " <b> " .
        $project->project_name .
        "</b><br>" .
        $project->address . " <br>
        Barangay " .
        $project->barangay_code .
        "<br> Rating: ";
379 }
380 else if (($project->rating >= .80)
        && ($project->rating <= 1.0)){
381     $marker['icon'] =
        site_url('/assets/images/marker05.png');
        $marker['infowindow_content'] =
        " <b> " .
        $project->project_name .
        "</b><br>" .
        $project->address . " <br>
        Barangay " .
        $project->barangay_code .
        "<br> Rating: ";
        }
        if (($project->latitude != 0.00) &&
            ($project->longitude != 0.00)){
            $this->googlemaps->add_marker($marker);
        }
    }
    $projectdata['map'] =
        $this->googlemaps->create_map();
    $this->load->view('vView_Project_Map',
        $projectdata);
}

Listing 8: projects.php

1 <?php
2 class Proposals extends CI_Controller{
3
4     public function construct(){
5         parent::__construct();
6         $this->load->helper(array('url', 'html'));
7     }
8
9     public function index(){
10        $this->load->helper(array('url', 'html'));
11        $this->load->model('model_users');
12        $this->load->model('model_proposals');
13
14        $userID =
15            $this->session->userdata('user_id');
16        $barangayCode =
17            $this->model_users->get($userID);
18
19        $barangay_choice =
20            $this->input->post('barangay_code');
21        $data['barangay_choice'] =
22            $barangay_choice;
23        $this->load->view('/includes/header');
24        $this->load->view('vProposals_Navigation');
25        $this->load->view('vProposals', $data);
26
27        if ($barangay_choice > 0){
28            $this->load->view('/includes/header');
29            $this->viewProposalsBarangay($this->input->post('barangay_code'), $data);
30        }
31
32        $this->load->view('/includes/footer');
33    }
}

```

```

32 public function
    view_approved($barangay_choice){
33     $this->load->helper(array('url','html'));
34     $this->load->model('model_proposals');
35     $this->load->model('model_barangays');
36     $this->load->library('session');
37     $this->load->view('/includes/header');
38
39     $data['barangay_code'] =
        $barangay_choice;
40     $data['proposals_count'] =
        $this->model_proposals->get_all_approved_brgy_count($barangay_code);
41
42     if (($this->session->userdata('type')
43         == "Administrator" ||
44         ($this->session->userdata('type')
45         == "Barangay Officer" ||
46         ($this->session->userdata('type')
47         == "Sanggunian"))){
48         $data['proposals'] =
49             $this->model_proposals->get_all_approved_brgy_order($barangay_code);
50     }
51     else {
52         $data['proposals'] =
53             $this->model_proposals->get_all_approved_brgy($barangay_code);
54     }
55     $this->load->view('vProposals_Navigation');
56     $this->load->view('vViewProposalsBarangay',
57         $data);
58     $this->load->view('/includes/footer');
59 }
60
61 public function
    view_budget_proposal($proposal_id){
62     date_default_timezone_set('Asia/Manila');
63     $this->load->helper(array('url','html'));
64     $this->load->library('session');
65     $this->load->library('form_validation');
66     $this->load->model('model_proposals');
67
68     $data['proposal'] =
69         $this->model_proposals->get($proposal_id);
70     $data['budget_plan'] =
71         $this->model_proposals->get_proposal_budget_plan($proposal_id);
72
73     $this->load->view('/includes/header2');
74     $this->load->view('vView_Budget_Proposal',
75         $data);
76 }
77
78 public function view_voters($proposal_id){
79     $this->load->helper(array('url','html'));
80     $this->load->library('session');
81     $this->load->model('model_proposals');
82
83     $data['proposal_id'] = $proposal_id;
84     $data['proposal'] =
85         $this->model_proposals->get($proposal_id);
86
87     $this->load->view('vView_Voters',
88         $data);
89 }
90
91 public function search_all_proposals(){
92     $this->load->helper(array('url','html'));
93     $this->load->model('model_proposals');
94
95     $data['proposals'] =
96         $this->model_proposals->get_search();
97
98     if ($this->session->userdata('type') ==
99         "Administrator"){
100         $this->load->view('includes/header');
101         $this->load->view('admin/vSearch_All_Proposals',
102             $data);
103         $this->load->view('includes/footer');
104     }
105     else if
106         ($this->session->userdata('type')
107         == "Barangay Officer"){
108         $this->load->view('includes/header');
109         $this->load->view('barangay_officer/vSearch_All_Proposals',
110             $data);
111         $this->load->view('includes/footer');
112     }
113     else if
114         ($this->session->userdata('type')
115         == "Citizen"){
116         $this->load->view('includes/header');
117         $this->load->view('citizen/vSearch_All_Proposals',
118             $data);
119         $this->load->view('includes/footer');
120     }
121     else if
122         ($this->session->userdata('type')
123         == "Sanggunian"){
124         $this->load->view('includes/header');
125         $this->load->view('sanggunian/vSearch_All_Proposals',
126             $data);
127         $this->load->view('includes/footer');
128     }
129 }
130 }
131 }
132 }
133 }
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Listing 9: proposals.php

```

1 <?php
2 class Register extends CI_Controller{
3     public function index(){
4         $rules = array(
5             "username" => array("field" =>
6                 "username",
7                 "label" => "Username",
8                 "rules" =>
9                     "required|alpha_dash|max_length[20] |trim"),
10            "first_name" => array("field" =>
11                "first_name",
12                "label" => "First
13                    Name",
14                "rules" =>
15                    "required|max_length[30] |callback_al
16                    phabetical"),
17            "middle_name" => array("field" =>
18                "middle_name",
19                "label" => "Middle
20                    Name",
21                "rules" =>
22                    "max_length[30] |trim"),
23            "last_name" => array("field" =>
24                "last_name",
25                "label" => "Last Name",
26                "rules" =>
27                    "required|max_length[30] |callback_al
28                    phabetical"),
29            "password" => array ("field" =>
30                "password",
31                "label" => "Password",
32                "rules" =>
33                    "required|min_length[6] |max_length[128] |strong");
34        }
35    }
36 }

```

```

20         "required|max_length[30]|min_length[4]"$this->input->post("contact_number");
    "pass_conf" => array("field" => "pass_conf",
21         "label" => "Confirm Password",
22         "rules" => "required|matches[password]"),
23     "email" => array("field" => "email",
24         "label" => "Email",
25         "rules" => "required|valid_email|callback_email_is_not_taken");
26     "contact_number" => array("field" => "contact_number",
27         "label" => "Contact Number",
28         "rules" => "numeric"),
29     "address" => array("field" => "address",
30         "label" => "Address",
31         "rules" => "required"),
32     "barangay_code" => array("field" => "barangay_code",
33         "label" => "Barangay",
34         "rules" => "required|callback_barangay_required"),
35     "birthday" => array("field" => "birthday",
36         "label" => "Birthday",
37         "rules" => "callback_date_valid|callback_birthday_is_valid");
38     "sex" => array("field" => "sex",
39         "label" => "Sex",
40         "rules" => "callback_sex_required");
41 );
42
43 $barangay_options = array(
44     '0' => 'Choose brgy...',
45     '1' => '1',
46     '2' => '2',
47     '3' => '3',
48     '175' => '175',
49     '176' => '176',
50     '177' => '177',
51     '178' => '178'
52 );
53
54
55
56 $this->form_validation->set_rules($rules);
57
58 if($this->form_validation->run() != true){
59     $this->load->helper('html');
60     $this->load->helper('form');
61
62     $this->load->view("/includes/header");
63     $this->load->view("vRegister", $barangay_options);
64     $this->load->view("/includes/footer");
65 }
66
67 else{
68     $form = array();
69     $form['username']=$this->input->post("username");
70     $form['first_name']=$this->input->post("first_name");
71     $form['middle_name']=$this->input->post("middle_name");
72     $form['last_name']=$this->input->post("last_name");
73     $form['password'] = md5($this->input->post("password"));
74     $form['email'] = $this->input->post("email");
75     $form['contact_number'] =

```

```

    $form['address'] = $this->input->post("address");
    $form['barangay_code'] = $this->input->post("barangay_code");
    $form['birthday'] = $this->input->post("birthday");
    $form['sex'] = $this->input->post("sex");
    DateTime($form['birthday']);
    $to = new DateTime('today');
    $form['age'] = $from->diff($to)->y;
    if($this->createUser($form['username'],$form['first_name'],$form['middle_name'],$form['email'],$form['contact_number'],$form['address'],$form['birthday'],$form['age'],$form['sex']) == true){
        $data['username'] = $form['username'];
        $data['first_name'] = $form['first_name'];
        $this->load->helper('html');
        $this->load->helper('form');
        $this->load->view("includes/header");
        $this->load->view("success_page", $data);
        $this->load->view("includes/footer");
    }
    else{
        echo "Sorry, could not process your form. Please try again.";
    }
} // index

public function username_is_taken($input){
    $query = "SELECT * FROM 'user' WHERE 'username' =?";
    $arg = array($input);
    $exec = $this->db->query($query,$arg) or die(mysql_error());
    if($exec->num_rows() > 0){
        $this->form_validation->set_message('username_is_taken', 'Sorry, the username ' . $input . ' is already assigned to someone else. ');
        return FALSE;
    }
    else {
        return TRUE;
    }
} //username_is_taken

public function email_is_taken($input){
    $query = "SELECT * FROM 'user' WHERE 'email' =?";
    $arg = array($input);
    $exec = $this->db->query($query, $arg) or die(mysql_error());
    if($exec->num_rows() > 0){
        $this->form_validation->set_message('email_is_taken', 'Sorry, the e-mail address ' .

```

```

    $input . ' is already assigned
    to another user.
130     Do you have an account already? <a
        href="forgot_password">Forgot
        password?</a>');
131     return FALSE;
132 }
133 else {
134     return TRUE;
135 }
136
137 } // email_is_taken
138
139 public function barangay_required($input){
140     if ($input == '0'){
141         $this->form_validation->set_message('barangay_required',
142             'Please select a barangay
                number from the menu');
143         return FALSE;
144     }
145     else{
146         return TRUE;
147     }
148 }
149
150 public function sex_required($input){
151     if ($input == '0'){
152         $this->form_validation->set_message('sex_required',
153             'Please select your sex from
                the menu');
154         return FALSE;
155     }
156     else{
157         return TRUE;
158     }
159 }
160
161 public function date_valid($date){
162     $year = (int) substr($date, 0, 4);
163     $month = (int) substr($date, 5, 3);
164     $day = (int) substr($date, 8, 2);
165     checkdate($month, $day, $year);
166
167     if (checkdate($month, $day, $year) ==
        TRUE) {
168         return TRUE;
169     }
170     else {
171         $this->form_validation->set_message('date_valid',
172             'Please enter a valid date.');
```

Listing 10: register.php

```

172     return FALSE;
173 }
174 }
175
176 public function birthday_valid($date){
177     $dateBirthday = new DateTime($date);
178     $dateToday = new DateTime('today');
179     $ageComputed =
        $dateToday->diff($dateBirthday)->y;
180
181     if ($ageComputed >= 15){
182         return TRUE;
183     }
184     else {
185         $this->form_validation->set_message('birthday_valid',
186             'You are not yet eligible to
                join.');
```

```

190     public function alpha_dash_space($str){
191         return ( ! preg_match("/^([-a-z_
                ]+$|/i", $str)) ? FALSE : TRUE;
192     }
193
194     public function createUser($user,
        $first_name, $middle_name,
        $last_name, $password, $email,
        $contact_number, $address,
        $barangay_code, $birthday, $age,
        $sex){
195         $query = "INSERT INTO 'user'
196         ('username', 'first_name',
            'middle_name', 'last_name',
            'password', 'email',
            'contact_number', 'address',
            'age', 'sex')
197         VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?, ?)";
198         $arg =
199         array(mysql_real_escape_string($user),
200             mysql_real_escape_string($first_name),
201             mysql_real_escape_string($middle_name),
202             mysql_real_escape_string($last_name),
203             mysql_real_escape_string($password),
204             mysql_real_escape_string($email),
205             mysql_real_escape_string($contact_number),
206             mysql_real_escape_string($address),
207             mysql_real_escape_string($barangay_code),
208             mysql_real_escape_string($birthday),
209             mysql_real_escape_string($age),
210             mysql_real_escape_string($sex),
211             );
212         if($this->db->query($query,$arg) ==
213             TRUE){
214             return TRUE;
215         }
216         else{
217             return FALSE;
218         }
219     }
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```

25     "username" => array("field" =>
26         "username", "label" =>
27         "Username", "rules" =>
28         "required|max_length[20]|min_length[4]|callback_username_taken"),
29     "first_name" => array("field" =>
30         "first_name", "label" => "First
31         Name", "rules" =>
32         "required|max_length[30]"),
33     "middle_name" => array("field" =>
34         "middle_name", "label" =>
35         "Middle Name", "rules" =>
36         "max_length[30]"),
37     "last_name" => array("field" =>
38         "last_name", "label" => "Last
39         Name", "rules" =>
40         "required|max_length[30]"),
41     "password" => array("field" =>
42         "password", "label" =>
43         "Password", "rules" =>
44         "required|max_length[30]|min_length[4]"),
45     "pass_conf" => array("field" =>
46         "pass_conf", "label" => "Confirm
47         Password", "rules" =>
48         "required|matches[password]"),
49     "email" => array("field" =>
50         "email", "label" =>
51         "Email", "rules" =>
52         "required|valid_email|callback_email_is_taken"),
53     "barangay_code" => array("field" =>
54         "barangay_code", "label" =>
55         "Barangay", "rules" =>
56         "required")
57 ); //validation rules
58
59 $this->form_validation->set_rules($rules);
60
61 } //index
62
63 public function viewAllAccounts(){
64     $this->load->helper('html');
65     $this->load->model('model_users');
66     $data['users'] =
67         $this->model_users->getAll();
68
69     if ($this->session->userdata('type') ==
70         "Administrator"){
71         $this->load->view('/includes/header');
72         $this->load->view('/admin/vAll_Accounts.php',
73             $data);
74         $this->load->view('/includes/footer');
75     }
76     else {
77         $this->load->view('/includes/header');
78         $this->load->view("vNo_Access");
79         $this->load->view('includes/footer');
80     }
81 }
82
83 public function
84     viewBarangayAccounts($barangay_code){
85     $this->load->helper('html');
86     $this->load->model('model_users');
87     $data['barangay_code'] = $barangay_code;
88     $data['users'] =
89         $this->model_users->getAllBrgy($barangay_code);
90
91     if ($this->session->userdata('type') ==
92         "Administrator"){
93         $this->load->view('/includes/header');
94         $this->load->view('/admin/vAll_Brgy_Accounts.php',
95             $data);
96         $this->load->view('/includes/footer');
97     }
98     else {
99         $this->load->view('/includes/header');
100        $this->load->view("vNo_Access");
101        $this->load->view('includes/footer');
102    }
103 }
104
105 public function viewAllAccountsPassword(){
106     $this->load->helper('html');
107     $this->load->model('model_users');
108     $data['users'] =
109         $this->model_users->getAll();
110
111     if ($this->session->userdata('type') ==
112         "Administrator"){
113         $this->load->view('/includes/header');
114         $this->load->view('/admin/vReset_Password.php',
115             $data);
116         $this->load->view('/includes/footer');
117     }
118     else {
119         $this->load->view('/includes/header');
120         $this->load->view("vNo_Access");
121         $this->load->view('includes/footer');
122     }
123 }
124
125 public function
126     viewBrgyAccountsPassword($barangay_code){
127     $this->load->helper('html');
128     $this->load->model('model_users');
129     $data['users'] =
130         $this->model_users->getAllBrgy($barangay_code);
131
132     if ($this->session->userdata('type') ==
133         "Administrator"){
134         $this->load->view('/includes/header');
135         $this->load->view('/admin/vReset_Password_brgy.php',
136             $data);
137         $this->load->view('/includes/footer');
138     }
139     else {
140         $this->load->view('/includes/header');
141         $this->load->view("vNo_Access");
142         $this->load->view('includes/footer');
143     }
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Listing 11: admin/accounts.php

```

12         "Administrator"){ 69
13         $this->load->model('model_users'); 70
14         $userBrgy = 71
15             $this->model_users->get_barangay($user_id); 72
16         $data['users'] = 73
17             $this->model_users->getAllPending(); 74
18         $this->load->view('/includes/header'); 75
19         $this->load->view('/admin/vApprove_Pending.php', $data); 76
20         $this->load->view('/includes/footer'); 77
21     }
22     else {
23         $this->load->view('/includes/header');
24         $this->load->view("vNo_Access");
25         $this->load->view('includes/footer');
26     }
27 }
28
29 public function enable($id){ 78
30
31     $this->load->model('model_users'); 79
32
33     $this->load->helper('html'); 80
34
35     $query1 = "UPDATE user SET 81
36         account_status = 'enabled' where 82
37         user_id = $id"; 83
38     $exec1 = $this->db->query($query1,$id); 84
39
40     $query2 = "INSERT INTO user_role 85
41         (user_id, role_id) VALUES ($id, 86
42         3)"; 87
43     $exec2 = $this->db->query($query2,$id); 88
44
45     $email = 89
46         $this->model_users->get_email_id($id); 90
47
48     if ($this->sendToEmail($email) == TRUE){ 91
49         $this->load->view('/includes/header'); 92
50         $this->load->view('admin/vEnable'); 93
51         $this->load->view('/includes/footer'); 94
52     }
53     else { 95
54         $this->load->view('/includes/header'); 96
55
56         echo "<h3>Account Enabled!</h3>"; 97
57         echo "However, we were not able to 98
58             successfully send an e-mail to the 99
59             user due to network problems.<br>"; 100
60         echo "<a href=" 101
61             ".site_url('admin/approve_pending') 102
62             .">Back to Pending Accounts </a>"; 103
63     } 104
64 } //enable 105
65
66 public function 106
67     sendToEmail($account_email){ 107
68     $this->load->library('email'); 108
69     $config['protocol'] = "smtp"; 109
70     $config['smtp_host'] = 110
71         "ssl://smtp.gmail.com"; 111
72     $config['smtp_port'] = "465"; 112
73     $config['smtp_user'] = 113
74         "ibudgetmo.org@gmail.com";
75     $config['smtp_pass'] = "ANSA-EAP2015";
76     $config['charset'] = "utf-8";
77     $config['mailtype'] = "html";
78     $config['newline'] = "\r\n";
79     $config['validate'] = TRUE;
80
81     date_default_timezone_set('Asia/Manila');
82
83     $this->email->initialize($config);
84
85     $this->email->from('ibudgetmo.org@gmail.com',
86         '[ADMIN] iBudgetMo.org');
87     $this->email->to($account_email);
88     $this->email->subject('iBudgetMo Online
89         Platform: Account Activation');
90     $this->email->message(date('m/d/Y h:i:s
91         a', time()) . '<br><br>Your
92         iBudgetMo Online Platform account
93         has been activated. <br><a href='
94         ".site_url('login') . '>Click
95         here</a> to Log In. Thank you!
96         <br><br>Regards, <br>The iBudgetMo
97         Team. <br>');
98
99     if (!$this->email->send()) {
100         echo $this->email->print_debugger();
101         return false;
102     }
103     return true;
104 }
105
106 public function
107     view_barangay_pending($barangay_code){
108     $this->load->helper('url');
109     $username =
110         $this->session->userdata('username');
111     $user_id =
112         $this->session->userdata('user_id');
113     $this->session->set_userdata("logged_in",
114         TRUE);
115     $this->load->helper('html');
116
117     if ($this->session->userdata('type') ==
118         "Administrator"){
119         $this->load->model('model_users');
120         $userBrgy =
121             $this->model_users->get_barangay($user_id);
122         $data['users'] =
123             $this->model_users->getAllPendingBrgy($barangay_co
124
125         $this->load->view('/includes/header');
126         $this->load->view('/admin/vApprove_Pending.php',
127             $data);
128         $this->load->view('/includes/footer');
129     }
130     else {
131         $this->load->view('/includes/header');
132         $this->load->view("vNo_Access");
133         $this->load->view('includes/footer');
134     }
135 }
136
137 } //approve-Pending
138 ?>

```

Listing 12:
admin/approve_pending.php

```

1 <?php
2 class Dashboard extends CI_Controller{
3     public function index(){
4         $this->load->helper('url');
5
6         if ($this->session->userdata('type') ==

```

```

7         "Administrator"){
8         $this->load->helper('html');
9         $this->load->model('model_users');
10        $this->load->model('model_proposals');
11        $this->load->model('model_projects');
12        $this->load->model('model_barangays');
13
14        $this->load->view('/includes/header');
15        $this->load->view('/admin/vDashboard.php');
16        $this->load->view('/includes/footer');
17    }
18    else {
19        $this->load->view('/includes/header');
20        $this->load->view("vNo_Access");
21        $this->load->view('includes/footer');
22    }
23 }
24 }
25
26 ?>

```

Listing 13: admin/dashboard.php

```

1 <?php
2 class Projects extends CI_Controller{
3     public function index(){
4         $this->load->helper(array('url','html'));
5         $this->load->library('session');
6         $this->load->model('model_projects');
7
8         $barangay_code =
9             $this->session->userdata('barangay_code');
10        $data['barangay_code'] =
11            $this->session->userdata('barangay_code');
12        $data['projects'] =
13            $this->model_projects->get_evaluation_date($barangay_code);
14        $data['num_projects'] =
15            $this->model_projects->get_num_evaluated($barangay_code);
16
17        if ($this->session->userdata('type') ==
18            "Administrator"){
19            $this->load->view('includes/header');
20            $this->load->view('admin/vProjects',
21                $data);
22            $this->load->view('includes/footer');
23        }
24        else {
25            $this->load->view('/includes/header');
26            $this->load->view("vNo_Access");
27            $this->load->view('includes/footer');
28        }
29    }
30 }
31
32 public function
33     view_barangay_projects($barangay_code){
34         $this->load->helper(array('url','html'));
35         $this->load->library('session');
36         $this->load->model('model_projects');
37
38         $data['projects'] =
39             $this->model_projects->get_barangay_project($barangay_code);
40         $data['projects_count'] =
41             $this->model_projects->get_barangay_project_count($barangay_code);
42         $data['barangay_choice'] =
43             $barangay_code;
44
45         if ($this->session->userdata('type') ==
46             "Administrator"){
47             $this->load->view('includes/header');
48             $this->load->view('vProjects_Navigation');
49             $this->load->view('admin/vView_Barangay_Projects',

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```

        $data);
        $this->load->view('includes/footer');
    }
    else {
        $this->load->view('/includes/header');
        $this->load->view("vNo_Access");
        $this->load->view('includes/footer');
    }
}

public function
    view_barangay_projects_map($barangay_code){
        $this->load->helper(array('url','html'));
        $this->load->model('model_proposals');
        $this->load->model('model_barangays');
        $this->load->model('model_users');
        $this->load->model('model_projects');

        $this->load->library('session');
        $this->load->library('googlemaps');

        $projects =
            $this->model_projects->get_barangay_project($barangay_code);
        $projects_count =
            $this->model_projects->get_barangay_project_address($barangay_code);

        $config['center'] = '14.747535,
            121.05357619999995';
        $config['places'] = TRUE;
        $config['zoom'] = 'auto';
        $config['region'] = 'PH';
        $config['$placesLocation'] =
            '14.747535, 121.05357619999995';
        $config['$placesAutocompleteBoundSW'] =
            '14.742881, 121.046298';
        $config['$placesAutocompleteBoundNE'] =
            '14.756867, 121.053615';

        $this->googlemaps->initialize($config);

        echo "<style>";
        echo ".column-left{ float: left; width:
            50%; }";
        echo ".column-right{ float: right;
            width: 33%; }";
        echo "</style>";

        echo "<div class=column-left>";
        echo "<h3>Projects in Barangay
            $barangay_code </h3>";
        if ($projects_count == 0){
            echo "There are no finalized
                projects in this barangay yet.
                <br>Check again next time.
                <br>";
        }
        else if ($projects_count == 1){
            echo "There is currently one
                finalized project in this
                barangay.<br>";
        }
        else {
            echo "There are currently " .
                $projects_count . " finalized
                projects in this barangay.<br>";
            echo "<a href=" .
                site_url('admin/projects/view_barangay_projects/' .
                $barangay_code) . "> Click here
                </a> to view projects list for
                this barangay. <br>";
        }
    }
}

```

```

89
90     echo "<a href=" .
        site_url('/admin/projects/view_all_projects_map')
        .">Click here</a> to view the city
        map. <br><br>";
91     echo "<a href=" .
        site_url('/admin/projects/view_barangay_projects/'
        . $barangay_code) . ">< Back to
        Barangay Projects Summary </a>";
92
93     echo "</div>";
94
95     echo "<div class=column-right>";
96     echo "<br><br>";
97     $this->load->view('vMap_Navigation');
98     echo "</div>";
99
100    if ($projects_count != 0){
101    foreach ($projects as $project){
102
103        $marker = array();
104        $marker['position'] =
105            " $project->latitude,
            $project->longitude";
106
107        if ($project->rating == 0) {
108            $marker['icon'] =
109                site_url('/assets/images/marker01.png');
110            $marker['infowindow_content'] =
111                "<b> " .
112                    $project->project_name .
113                    "</b><br>" .
114                    $project->address . "<br>
                    Barangay " .
115                    $project->barangay_code .
116                    "<br> Rating: 0";
117        }
118        else if (($project->rating > 0.0) &&
119            ($project->rating < 0.20)){
120            $marker['icon'] =
121                site_url('/assets/images/marker01.png');
122            $marker['infowindow_content'] =
123                "<b> " .
124                    $project->project_name .
125                    "</b><br>" .
126                    $project->address . "<br>
                    Barangay " .
127                    $project->barangay_code .
128                    "<br> Rating: ";
131        }
132        else if (($project->rating >= 0.20)
133            && ($project->rating < 0.39)){
134            $marker['icon'] =
135                site_url('/assets/images/marker02.png');
136            $marker['infowindow_content'] =
137                "<b> " .
138                    $project->project_name .
139                    "</b><br>" .
140                    $project->address . "<br>
                    Barangay " .
141                    $project->barangay_code .
142                    "<br> Rating: ";
145        }
146        else if (($project->rating >= 0.40)
147            && ($project->rating < 0.59)){
148            $marker['icon'] =
149                site_url('/assets/images/marker03.png');
150            $marker['infowindow_content'] =
151                "<b> " .
152                    $project->project_name .
153                    "</b><br>" .
154                    $project->address . "<br>
                    Barangay " .
155                    $project->barangay_code .
156                    "<br> Rating: ";
159        }
160        else if (($project->rating >= 0.60)
161            && ($project->rating < 0.79)){
162            $marker['icon'] =
163                site_url('/assets/images/marker04.png');
164            $marker['infowindow_content'] =
165                "<b> " .
166                    $project->project_name .
167                    "</b><br>" .
168                    $project->address . "<br>
                    Barangay " .
169                    $project->barangay_code .
170                    "<br> Rating: ";
173        }
174        else if (($project->rating >= .80)
175            && ($project->rating <= 1.0)){
176            $marker['icon'] =
177                site_url('/assets/images/marker05.png');
178            $marker['infowindow_content'] =
179                "<b> " .
180                    $project->project_name .
181                    "</b><br>" .
182                    $project->address . "<br>
                    Barangay " .
183                    $project->barangay_code .
184                    "<br> Rating: ";
187        }
188    }
189    if (($project->latitude != 0.00) &&
190        ($project->longitude != 0.00)){
191        $this->googlemaps->add_marker($marker);
192    }
193    } //foreach
194
195    $projectdata['map'] =
196        $this->googlemaps->create_map();
197    $this->load->view('vView_Map',
198        $projectdata);
199
200    }
201    else {
202        echo " ";
203    }
204
205    $this->load->view('/includes/header');
206    $this->load->view('/includes/footer');
207
208    }
209
210    public function
211    view_budget_plan($project_id){
212        date_default_timezone_set('Asia/Manila');
213        $this->load->helper(array('url', 'html'));
214        $this->load->library('session');
215        $this->load->library('form_validation');

```

```

160     $this->load->model('model_projects');           208     }
161     $data['project'] =                               209     else if (($project->rating > 0.0) &&
162         $this->model_projects->get($project_id));    ($project->rating < 0.20)){
163     $data['budget_plan'] =                           $marker['icon'] =
164         $this->model_projects->get_project_budget_plan($project_id);    site_url('/assets/images/marker01.png');
165     $this->load->view('/includes/header');           $marker['infowindow_content'] =
166     $this->load->view('/vView_Budget_Plan',         "<b>" .
167         $data);                                   $project->project_name .
168     $this->load->view('/includes/footer');           "</b><br>" .
169 }                                                  $project->address . "<br>
170                                                  Barangay " .
171 public function view_project($project_id){         $project->barangay_code .
172     $this->load->helper(array('url', 'html'));      "<br> Rating: ";
175     $this->load->model('model_proposals');         }
176     $this->load->model('model_projects');           else if (($project->rating >= 0.20)
177     $proposal_id =                                && ($project->rating < 0.39)){
178         $this->model_projects->get_proposal_id($project_id);    $marker['icon'] =
179     $data['projects'] =                            site_url('/assets/images/marker02.png');
180         $this->model_projects->get_project($project_id);        $marker['infowindow_content'] =
181     $data['budget_proposal'] =                    "<b>" .
182         $this->model_proposals->get_proposal_budget_plan($proposal_id);    $project->project_name .
183     $data['budget_plan'] =                        "</b><br>" .
184         $this->model_projects->get_project_budget_plan($project_id);    $project->address . "<br>
185     $data['action_plan'] =                        Barangay " .
186         $this->model_projects->get_action_plan($project_id);    $project->barangay_code .
187     $addressExists =                              "<br> Rating: ";
190         $this->model_projects->get_project($project_id);        else if (($project->rating >= 0.40)
191     $config['center'] = '14.747535,                && ($project->rating < 0.59)){
192         121.05357619999995';                        $marker['icon'] =
193     // $config['center'] = 'Caloocan City,         site_url('/assets/images/marker03.png');
194         Philippines';                                $marker['infowindow_content'] =
195     $config['places'] = TRUE;                       "<b>" .
196     $config['zoom'] = 'auto';                       $project->project_name .
197     $config['region'] = 'PH';                       "</b><br>" .
198     $config['$placesLocation'] =                    $project->address . "<br>
199         '14.747535, 121.05357619999995';            Barangay " .
200     $config['$placesAutocompleteBoundSW'] =        $project->barangay_code .
201         '14.742881, 121.046298';                    "<br> Rating: ";
204     $this->googlemaps->initialize($config);         }
205     foreach ($projects as $project){               else if (($project->rating >= 0.60)
206         $marker = array();                            && ($project->rating < 0.79)){
207         $marker['position'] =                        $marker['icon'] =
208             "$project->latitude,                    site_url('/assets/images/marker04.png');
209             $project->longitude";                    $marker['infowindow_content'] =
210         if ($project->rating == 0) {                "<b>" .
211             $marker['icon'] =                        $project->project_name .
212                 site_url('/assets/images/marker01.png');    "</b><br>" .
213             $marker['infowindow_content'] =        $project->address . "<br>
214                 "<b>" .                                Barangay " .
215                 $project->project_name .                $project->barangay_code .
216                 "</b><br>" .                            "<br> Rating:                 .site_url('/assets/images/star4.png')
218                 Barangay " .                            .">";
219                 $project->barangay_code .                }
220                 "<br> Rating: 0";                    else if (($project->rating >= .80)
221         }                                            && ($project->rating <= 1.0)){
222         $marker['icon'] =                            $marker['icon'] =
223             site_url('/assets/images/marker01.png');    site_url('/assets/images/marker05.png');
224         $marker['infowindow_content'] =            $marker['infowindow_content'] =
225             "<b>" .                                    "<b>" .
226             $project->project_name .                $project->project_name .
227             "</b><br>" .                                "</b><br>" .
228             $project->address . "<br>                $project->address . "<br>
229             Barangay " .                                Barangay " .
230             $project->barangay_code .                $project->barangay_code .
231             "<br> Rating: 0";                            }

```

```

229         "<br> Rating: ";
232     }
233     if (($project->latitude != 0.00) &&
234         ($project->longitude != 0.00)){
235         $this->googlemaps->add_marker($marker);
236     }
237     $projectdata['map'] =
238         $this->googlemaps->create_map();
239     $this->load->view('/includes/header');
240     $this->load->view('/admin/vView_Project',
241         $data);
242     if (($addressExists != 0) ||
243         ($addressExists != NULL)){
244         $this->load->view('vView_Project_Map',
245             $projectdata);
246     }
247     $this->load->view('/includes/footer');
248 }
249 public function
250     view_project_map($project_id){
251     $this->load->helper(array('url', 'html'));
252     $this->load->model('model_proposals');
253     $this->load->model('model_barangays');
254     $this->load->model('model_users');
255     $this->load->model('model_projects');
256     $this->load->library('session');
257     $this->load->library('googlemaps');
258     $projects =
259         $this->model_projects->get_project($project_id);
260     $config['center'] = '14.747535,
261         121.05357619999995';
262     $config['places'] = TRUE;
263     $config['zoom'] = 'auto';
264     $config['region'] = 'PH';
265     $config['$placesLocation'] =
266         '14.747535, 121.05357619999995';
267     $config['$placesAutocompleteBoundSW'] =
268         '14.742881, 121.046298';
269     $config['$placesAutocompleteBoundNE'] =
270         '14.756867, 121.053615';
271     $this->googlemaps->initialize($config);
272     foreach ($projects as $project){
273         $marker = array();
274         $marker['position'] =
275             "$project->latitude,
276             $project->longitude";
277         if ($project->rating == 0) {
278             $marker['icon'] =
279                 site_url('/assets/images/marker01.png');
280             $marker['infowindow_content'] =
281                 "<b> " .
282                 $project->project_name .
283                 "</b><br>" .
284                 $project->address . "<br>" .
285                 Barangay " .
286                 $project->barangay_code .
287                 "<br> Rating: ";
290         }
291         else if (($project->rating > 0.0) &&
292             ($project->rating < 0.20)){
293             $marker['icon'] =
294                 site_url('/assets/images/marker01.png');
295             $marker['infowindow_content'] =
296                 "<b> " .
297                 $project->project_name .
298                 "</b><br>" .
299                 $project->address . "<br>" .
300                 Barangay " .
301                 $project->barangay_code .
302                 "<br> Rating: ";
305         }
306         else if (($project->rating >= 0.20)
307             && ($project->rating < 0.39)){
308             $marker['icon'] =
309                 site_url('/assets/images/marker02.png');
310             $marker['infowindow_content'] =
311                 "<b> " .
312                 $project->project_name .
313                 "</b><br>" .
314                 $project->address . "<br>" .
315                 Barangay " .
316                 $project->barangay_code .
317                 "<br> Rating: ";
320         }
321         else if (($project->rating >= 0.40)
322             && ($project->rating < 0.59)){
323             $marker['icon'] =
324                 site_url('/assets/images/marker03.png');
325             $marker['infowindow_content'] =
326                 "<b> " .
327                 $project->project_name .
328                 "</b><br>" .
329                 $project->address . "<br>" .
330                 Barangay " .
331                 $project->barangay_code .
332                 "<br> Rating: ";
335         }
336         else if (($project->rating >= 0.60)
337             && ($project->rating < 0.79)){
338             $marker['icon'] =
339                 site_url('/assets/images/marker04.png');
340             $marker['infowindow_content'] =
341                 "<b> " .
342                 $project->project_name .
343                 "</b><br>" .
344                 $project->address . "<br>" .
345                 Barangay " .
346                 $project->barangay_code .
347                 "<br> Rating: ";
350         }
351         else if (($project->rating >= .80)
352             && ($project->rating <= 1.0)){
353             $marker['icon'] =
354                 site_url('/assets/images/marker05.png');
355             $marker['infowindow_content'] =
356                 "<b> " .
357                 $project->project_name .
358                 "</b><br>" .
359                 $project->address . "<br>" .
360                 Barangay " .

```

```

300         $project->barangay_code . 350
301         "<br> Rating: "; 353
304     } 354
305 355
306     if (($project->latitude != 0.00) && 356
307         ($project->longitude != 0.00)){ 357
308         $this->googlemaps->add_marker($marker); 358
309     } 359
310 } 360
311 361
312 $projectdata['map'] = 362
313     $this->googlemaps->create_map(); 363
314 $this->load->view('vView_Project_Map', 364
315     $projectdata); 365
316 } 366
317 public function view_all_projects_map(){ 367
318     $this->load->helper(array('url', 'html')); 368
319     $this->load->model('model_proposals'); 369
320     $this->load->model('model_barangays'); 370
321     $this->load->model('model_users'); 371
322     $this->load->model('model_projects'); 372
323 373
324     $this->load->library('session'); 374
325     $this->load->library('googlemaps'); 375
326 376
327     $projects = 377
328         $this->model_projects->get_all_projects(); 378
329     $projects_count = 379
330         $this->model_projects->get_all_project_address_count(); 380
331 381
332     $config['center'] = '14.747535, 382
333         121.05357619999995'; 383
334     //$config['center'] = 'Caloocan City, 384
335         Philippines'; 385
336     $config['places'] = TRUE; 386
337     $config['zoom'] = 'auto'; 387
338     $config['region'] = 'PH'; 388
339     $config['$placesLocation'] = 389
340         '14.747535, 121.05357619999995'; 390
341     $config['$placesAutocompleteBoundSW'] = 391
342         '14.742881, 121.046298'; 392
343     $config['$placesAutocompleteBoundNE'] = 393
344         '14.756867, 121.053615'; 394
345 395
346     $this->googlemaps->initialize($config); 396
347 397
348     echo "<style>"; 398
349     echo ".column-left{ float: left; width: 399
350         50%; }"; 400
351     echo ".column-right{ float: right; 401
352         width: 33%; }"; 402
353     echo "</style>"; 403
354 404
355     echo "<div class=column-left>"; 405
356     echo "<h3>Projects in Caloocan </h3>"; 406
357     echo "There are currently " . 407
358         $projects_count . " finalized 408
359         projects in this city.<br>"; 409
360     echo "<a href=" . 410
361         site_url('/projects/view_barangay_projects_menu') 411
362         . ">Click here</a> to view 412
363         Projects list. <br>"; 413
364     echo "<a href=" . 414
365         site_url('/admin/projects/') . ">< 415
366         Back to Projects</a>"; 416
367 417
368     echo "</div>"; 418
369 419
370     echo "<div class=column-right>"; 419
371     echo "<br><br>"; 420
372     $this->load->view('vMap_Navigation'); 421
373     echo "</div>"; 422
374 423
375     if ($projects_count > 0){ 424
376     foreach ($projects as $project){ 425
377 426
378         $marker = array(); 427
379         $marker['position'] = 428
380             "$project->latitude, 429
381             $project->longitude"; 430
382 431
383         if ($project->rating == 0) { 432
384             $marker['icon'] = 433
385                 site_url('/assets/images/marker01.png'); 434
386             $marker['infowindow_content'] = 435
387                 "<b>" . 436
388                     $project->project_name . 437
389                     "</b><br>" . 438
390                     $project->address . "<br> 439
391                     Barangay " . 440
392                     $project->barangay_code . 441
393                     "<br> Rating: 0"; 442
394         } 443
395         else if (($project->rating > 0.0) && 444
396             ($project->rating < 0.20)){ 445
397             $marker['icon'] = 446
398                 site_url('/assets/images/marker01.png'); 447
399             $marker['infowindow_content'] = 448
400                 "<b>" . 449
401                     $project->project_name . 450
402                     "</b><br>" . 451
403                     $project->address . "<br> 452
404                     Barangay " . 453
405                     $project->barangay_code . 454
406                     "<br> Rating: "; 457
409         } 458
410         else if (($project->rating >= 0.20) 459
411             && ($project->rating < 0.39)){ 460
412             $marker['icon'] = 461
413                 site_url('/assets/images/marker02.png'); 462
414             $marker['infowindow_content'] = 463
415                 "<b>" . 464
416                     $project->project_name . 465
417                     "</b><br>" . 466
418                     $project->address . "<br> 467
419                     Barangay " . 468
420                     $project->barangay_code . 469
421                     "<br> Rating: "; 472
424         } 473
425         else if (($project->rating >= 0.40) 474
426             && ($project->rating < 0.59)){ 475
427             $marker['icon'] = 476
428                 site_url('/assets/images/marker03.png'); 477
429             $marker['infowindow_content'] = 478
430                 "<b>" . 479
431                     $project->project_name . 480
432                     "</b><br>" . 481
433                     $project->address . "<br> 482
434                     Barangay " . 483
435                     $project->barangay_code . 484
436                     "<br> Rating: "; 487
439         } 488
440     } 489
441 } 490

```

```

380     else if (($project->rating >= 0.60) 12
    && ($project->rating < 0.79)){ 13
381     $marker['icon'] = 14
        site_url('/assets/images/marker04.png'); 15
382     $marker['infowindow_content'] = 16
        "<b>" . 17
        $project->project_name . 18
        "</b><br>" . 19
        $project->address . "<br>" 20
        $project->barangay_code . 21
        "<br> Rating: "; 24
383     } 25
384     else if (($project->rating >= .80) 26
    && ($project->rating <= 1.0)){ 27
385     $marker['icon'] = 28
        site_url('/assets/images/marker05.png'); 29
386     $marker['infowindow_content'] = 30
        "<b>" . 31
        $project->project_name . 32
        "</b><br>" . 33
        $project->address . "<br>" 34
        $project->barangay_code . 35
        "<br> Rating: "; 38
387     } 39
388 390     if (($project->latitude != 0.00) && 39
    ($project->longitude != 0.00)){ 40
391     $this->googlemaps->add_marker($marker); 41
392     } //foreach 42
393 394     $projectdata['map'] = 43
395     $this->googlemaps->create_map(); 44
396     $this->load->view('vView_Map', 45
    $projectdata); 46
397 398     } //if not empty 47
399     else { 48
400     echo "There are no finalized 49
    projects in this city yet. 50
    <br>"; 51
401     } 52
402 403     $this->load->view('/includes/header'); 53
404     $this->load->View('/includes/footer'); 54
405 406     } 55
407 408     } 56
409 410     ?> 57

```

Listing 14: admin/projects.php

```

1 <?php
2 class Proposals extends CI_controller{
3     public function construct(){
4         parent::__construct();
5         $this->load->helper(array('url', 'html'));
6     }
7
8     public function index(){
9         $this->load->helper(array('html', 'url'));
10        $this->load->model('model_users');
11        $this->load->model('model_proposals');

```

```

    $this->load->view('/includes/header');
    if ($this->session->userdata('type') ==
        "Administrator"){
        $this->load->helper('html');
        $userID =
            $this->session->userdata('user_id');
        $userBrgy =
            $this->session->userdata('barangay_code');
        $lastLogin =
            $this->session->userdata('last_login');
        $newCount = 0;
        $userdata['users'] =
            $this->model_users->get($userID);
        $dates =
            $this->model_proposals->get_unapproved_date($userB
        foreach ($dates as $date){
            $dateTime1 = new
                DateTime($lastLogin);
            $dateTime2 = new
                DateTime($date->date_time);
            if ($dateTime2 > $dateTime1) {
                $newCount++;
            }
        } //for loop
        if ($newCount == 0) {
            echo "<br><center>No new
                proposals since your last
                login.
                <br></div></center></div>";
        }
        else if ($newCount == 1) {
            echo
                "<center><h1>Announcement</h1>";
            echo
                "<font color=f06060>There
                is one new proposal since
                your last login.</font>
                <br></center>";
        }
        else {
            echo
                "<center><h1>Announcement</h1>";
            echo
                "<font color=f06060>There
                are " . $newCount . " new
                proposals since your last
                login.
                </font></center><br>";
        }
    }
    $this->load->view('/admin/vProposals.php');
    $this->load->view('/includes/footer');
}
else {
    $this->load->view('/includes/header');
    $this->load->view("vNo_Access");
    $this->load->view('includes/footer');
}
} //indx
public function view_barangay_proposals(){

```

```

65     $this->load->helper(array('html', 120
        'url'));
66     $this->load->model('model_users'); 121
67     $this->load->model('model_proposals');
68
69     $userID = 122
        $this->session->userdata('user_id'); 124
70     $userBrgy =
        $this->session->userdata('barangay_code'); 126
71
72     $userdata['users'] =
        $this->model_users->get($userID); 127
73     $proposaldata['proposals'] =
        $this->model_proposals->get_all_barangay_proposals($userBrgy); 128
74
75     $this->load->view('/includes/header'); 130
76     if($this->session->userdata('type') 131
        == "Administrator"){ 132
77
78         $this->load->view('/admin/vView_Barangay_Proposals', 133
            $proposaldata); 134
79         $this->load->view('/includes/footer'); 136
80     } 137
81     else { 138
82         $this->load->view('/includes/header'); 139
83         $this->load->view("vNo_Access"); 141
84         $this->load->view('includes/footer'); 143
85     }
86 } //view_brgy 143
87
88 public function view_all_proposals(){ 144
89     $this->load->helper(array('html', 145
        'url'));
90     $this->load->model('model_users'); 146
91     $this->load->model('model_proposals'); 147
92
93     $userID = 148
        $this->session->userdata('user_id'); 149
94     $userBrgy =
        $this->session->userdata('barangay_code'); 150
95
96     $userdata['users'] =
        $this->model_users->get($userID); 152
97     $proposaldata['proposals'] =
        $this->model_proposals->get_all_proposals(); 153
98
99     $this->load->view('/includes/header'); 154
100    if($this->session->userdata('type') 155
        == "Administrator"){ 156
101
102        $this->load->view('/admin/vView_All_Proposals', $this->load->helper(array('url', 'html')); 157
            $proposaldata); 158
103        $this->load->view('/includes/footer'); 160
104    } 161
105    else { 162
106        $this->load->view('/includes/header'); 163
107        $this->load->view("vNo_Access"); 164
108        $this->load->view('includes/footer'); 165
109    }
110 } //view_all 166
111
112 public function 167
    view_unapproved_proposals(){ 168
113     $this->load->helper(array('html', 169
        'url'));
114     $this->load->model('model_users'); 170
115     $this->load->model('model_proposals'); 171
116
117     $userID = 172
        $this->session->userdata('user_id'); 173
118     $userBrgy =
        $this->session->userdata('barangay_code'); 174
119
120     $userdata['users'] =
        $this->model_users->get($userID); 175
121     $proposaldata['proposals'] =
        $this->model_proposals->get_all_unapproved_brgy($userBrgy); 176
122
123     $this->load->view('/includes/header'); 177
124     if($this->session->userdata('type') 178
        == "Administrator"){ 179
125
126         $this->load->view('/admin/vView_Barangay_Proposals_U', 180
            $proposaldata); 181
127         $this->load->view('/includes/footer'); 182
128     }
129     $this->load->view('/includes/header'); 183
130     $this->load->view("vNo_Access"); 184
131     $this->load->view('includes/footer'); 185
132 }
133
134 public function view_proposal($id){
135     $this->load->helper(array('url', 'html'));
136     $this->load->model('model_proposals');
137
138     $data['proposals'] =
139         $this->model_proposals->get_proposal($id);
140     $data['budget_plan'] =
141         $this->model_proposals->get_proposal_budget_plan($id);
142
143     if($this->session->userdata('type')
144         == "Administrator"){
145         $this->load->view('/includes/header');
146         $this->load->view('/admin/vView_Proposal',
147             $data);
148         $this->load->view('/includes/footer');
149     }
150     else {
151         $this->load->view('/includes/header');
152         $this->load->view("vNo_Access");
153         $this->load->view('includes/footer');
154     }
155 }
156
157 public function
158     view_budget_proposal($proposal_id){
159         date_default_timezone_set('Asia/Manila');
160         $this->load->helper(array('url', 'html'));
161         $this->load->library('session');
162         $this->load->library('form_validation');
163         $this->load->model('model_proposals');
164
165         $data['proposal'] =
166             $this->model_proposals->get($proposal_id);
167         $data['budget_plan'] =
168             $this->model_proposals->get_proposal_budget_plan($proposal_id);
169
170         if ($this->session->userdata('type') ==
171             "Administrator"){
172             $this->load->view('/includes/header');
173             $this->load->view('/vView_Budget_Proposal',
174                 $data);
175             $this->load->view('/includes/footer');
176         }
177         else {
178             $this->load->view('/includes/header');
179             $this->load->view("vNo_Access");
180             $this->load->view('includes/footer');
181         }
182     }
183 }

```

```
180 }
181 ?>
```

Listing 15: admin/proposals.php

```
1 <?php
2
3 class Accounts extends CI_Controller{
4     public function index(){
5         $this->load->helper('url');
6
7         if ($this->session->userdata('type') ==
8             "Barangay Officer"){
9             $this->load->helper('html');
10            $this->load->model('model_users');
11
12            $this->load->view('/includes/header');
13            $this->load->view('/barangay_officer/vAccounts.php');
14        }
15        else {
16            $this->load->view('includes/header');
17            $this->load->view('vNo_Access');
18        }
19    }
20
21    public function viewAllAccounts(){
22        $this->load->helper('html');
23        $this->load->model('model_users');
24        $data['users'] =
25            $this->model_users->getAll();
26
27        $this->load->view('/includes/header');
28        $this->load->view('/barangay_officer/vAll_Accounts.php');
29    }
30
31    public function viewAllAccountsPassword(){
32        $this->load->helper('html');
33        $this->load->model('model_users');
34        $data['users'] =
35            $this->model_users->getAll();
36
37        $this->load->view('/includes/header');
38        $this->load->view('/barangay_officer/vReset_Password.php');
39    }
40 }
41
42 ?>
```

Listing 16: barangay_officer/accounts.php

```
1 <?php
2
3 class Approve_Pending extends CI_Controller{
4     public function index(){
5         $this->load->helper('url');
6         $username =
7             $this->session->userdata('username');
8         $user_id =
9             $this->session->userdata('user_id');
10
11        $this->session->set_userdata("logged_in",
12            TRUE);
13        $this->load->helper('html');
14
15        if ($this->session->userdata('type') ==
```

```
13        "Administrator"){
14            $this->load->model('model_users');
15            $userBrgy =
16                $this->model_users->get_barangay($user_id);
17            $this->session->set_userdata('barangay_code',
18                $userBrgy);
19
20            $data['users'] =
21                $this->model_users->getAllPendingBrgy($userBrgy);
22            $this->load->view('/includes/header');
23            $this->load->view('/admin/vApprove_Pending.php',
24                $data);
25            $this->load->view('/includes/footer');
26        }
27        else if
28            ($this->session->userdata('type')
29            == "Barangay Officer"){
30            $this->load->model('model_users');
31            $userBrgy =
32                $this->model_users->get_barangay($user_id);
33            $this->session->set_userdata('barangay_code',
34                $userBrgy);
35
36            $data['users'] =
37                $this->model_users->getAllPendingBrgy($userBrgy);
38            $this->load->view('/includes/header');
39            $this->load->view('/barangay_officer/vApprove_Pending.php',
40                $data);
41            $this->load->view('/includes/footer');
42        }
43    }
44
45    public function enable($id){
46        $this->load->helper('html');
47        $this->load->model('model_users');
48        $query1 = "UPDATE user SET
49            account_status = 'enabled' where
50            user_id = $id";
51        $exec1 = $this->db->query($query1,$id);
52
53        $query2 = "INSERT INTO user_role
54            (user_id, role_id) VALUES ($id,
55            3)";
56        $exec2 = $this->db->query($query2,$id);
57
58        $email =
59            $this->model_users->get_email_id($id);
60        $this->sendToEmail($email);
61
62        $this->load->view('/includes/header');
63        $this->load->view('barangay_officer/vEnable');
64        $this->load->view('/includes/footer');
65    }
66
67    public function
68        sendToEmail($account_email){
69        $this->load->library('email');
70        $config['protocol'] = "smtp";
71        $config['smtp_host'] =
72            "ssl://smtp.gmail.com";
```

```

68     $config['smtp_port'] = "465";
69     $config['smtp_user'] =
70         "ibudgetmo.org@gmail.com";
71     $config['smtp_pass'] = "ANSA-EAP2015";
72     $config['charset'] = "utf-8";
73     $config['mailtype'] = "html";
74     $config['newline'] = "\r\n";
75     $config['validate'] = TRUE;
76     date_default_timezone_set('Asia/Manila');
77
78     $this->email->initialize($config);
79
80     $this->email->from('ibudgetmo.org@gmail.com',
81         '[ADMIN] iBudgetMo.org');
82     $this->email->to($account_email);
83     $this->email->subject('iBudgetMo Online
84         Platform: Account Activation');
85     $this->email->message(date('m/d/Y h:i:s
86         a', time()) . '<br><br>Your
87         iBudgetMo Online Platform account
88         has been activated. <br> <a href='
89         .site_url('login'). ' '>Click
90         here</a> to Log In. Thank you!
91         <br><br>Regards, <br>The iBudgetMo
92         Team. <br>');
93
94     if (!$this->email->send()) {
95         echo $this->email->print_debugger();
96         return false;
97     }
98     return true;
99 }
100 }
101 }
102 }
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```

Listing 17: barangay_officer/approve_pending.php

```

1 <?php
2
3 class Create_Project_Details extends
4     CI_Controller{
5     public function index($project_id){
6         date_default_timezone_set('Asia/Manila');
7         $this->load->helper(array('url', 'html'));
8         $this->load->library('session');
9         $this->load->library('form_validation');
10        $this->load->library('googlemaps');
11        $this->load->model('model_projects');
12
13        $userBrgy =
14            $this->session->userdata('barangay_code');
15        $proj_data['projects'] =
16            $this->model_projects->get_project($project_id);
17        $projName =
18            $this->model_projects->get_project_name($project_id);
19        $projLat =
20            $this->model_projects->get_latitude($project_id);
21        $projLong =
22            $this->model_projects->get_longitude($project_id);
23
24        $this->form_validation->set_rules('date_begin',
25            'Beginning Date', 'required');
26        $this->form_validation->set_rules('date_end',
27            'End Date', 'required');
28        $this->form_validation->set_rules('address',
29            'Address', 'required');
30        $this->form_validation->set_rules('latitude',
31            'Latitude', 'required');
32        $this->form_validation->set_rules('longitude',
33            'Longitude', 'required');
34
35        if ($this->form_validation->run() ==
36            FALSE){
37            $this->load->view('includes/header');
38            $this->load->view('/barangay_officer/vCreate_Project
39                _Details', $proj_data);
40            $this->load->view('includes/footer');
41        }
42
43        else {
44            $project_address =
45                $this->input->post('address');
46            $data['date_begin'] =
47                $this->input->post('date_begin');
48            $data['date_end'] =
49                $this->input->post('date_end');
50            $data['address'] =
51                $this->input->post('Postcode');
52            $data['latitude'] =
53                $this->input->post('latitude');
54            $data['longitude'] =
55                $this->input->post('longitude');
56
57            $project_details =
58                $this->model_projects->set_project_details($proj
59                    _data);
60
61            $this->load->view('includes/header');
62            if
63                (($this->getLatitude($project_address)
64                    > 0) ||
65                ($this->getLongitude($project_address)
66                    > 0)){
67                echo "<h1>Success</h1>";
68            }
69
70            echo "<a href=" .
71                site_url('/barangay_officer/projects/view_barang
72                    ay_projects/' . $userBrgy) . "> < Back to
73                    Brgy. Projects</a>";
74            $this->load->view('includes/footer');
75        }
76    }
77 }
78 }
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1000 }

```

Listing 18: barangay_officer/create_project_details.php

```

20     $data);
21 }
22 else {
23     $this->load->helper('html');
24     $this->load->view('/includes/header');
25     $this->load->view('vNo_Access');
26     $this->load->view('includes/footer');
27 }
28 }
29 }
30
31 ?>

```

Listing 19:
barangay_officer/dashboard.php

```

1 <?php
2 class Projects extends CI_Controller{
3     public function index(){
4
5         $this->load->helper(array('url', 'html'));
6         $this->load->library('session');
7         $this->load->model('model_projects');
8
9         $barangay_code =
10             $this->session->userdata('barangay_code');
11         $data['barangay_code'] =
12             $this->session->userdata('barangay_code');
13         $data['projects'] =
14             $this->model_projects->get_evaluation_date($barangay_code);
15         $data['num_projects'] =
16             $this->model_projects->get_num_evaluated($barangay_code);
17
18         $this->load->view('includes/header');
19         $this->load->view('barangay_officer/vProjects',
20             $data);
21         $this->load->view('includes/footer');
22     }
23
24     public function
25         view_barangay_projects($barangay_code){
26         $this->load->helper(array('url', 'html'));
27         $this->load->library('session');
28         $this->load->model('model_projects');
29
30         $data['projects'] =
31             $this->model_projects->get_barangay_project($barangay_code);
32         $data['projects_count'] =
33             $this->model_projects->get_barangay_project_count($barangay_code);
34         $data['barangay_choice'] =
35             $barangay_code;
36
37         $this->load->view('includes/header');
38         $this->load->view('vProjects_Navigation');
39         $this->load->view('barangay_officer/vView_Barangay_Projects',
40             $data);
41         $this->load->view('includes/footer');
42     }
43
44     public function
45         view_budget_plan($project_id){
46         date_default_timezone_set('Asia/Manila');
47         $this->load->helper(array('url', 'html'));
48         $this->load->library('session');
49         $this->load->library('form_validation');
50
51         $this->load->model('model_projects');
52
53         $data['project'] =
54             $this->model_projects->get($project_id);

```

```

44     $data['budget_plan'] =
45         $this->model_projects->get_project_budget_plan($project_id);
46
47     $this->load->view('/includes/header2');
48     $this->load->view('vView_Budget_Plan',
49         $data);
50 }
51
52 public function view_project($project_id){
53     $this->load->helper(array('url', 'html'));
54     $this->load->library('session');
55     $this->load->library('googlemaps');
56     $this->load->model('model_proposals');
57     $this->load->model('model_projects');
58
59     $proposal_id =
60         $this->model_projects->get_proposal_id($project_id);
61     $data['projects'] =
62         $this->model_projects->get_project($project_id);
63     $data['budget_proposal'] =
64         $this->model_proposals->get_proposal_budget_plan($proposal_id);
65     $data['budget_plan'] =
66         $this->model_projects->get_project_budget_plan($project_id);
67     $data['action_plan'] =
68         $this->model_projects->get_action_plan($project_id);
69
70     $addressExists =
71         $this->model_projects->get_address($project_id);
72
73     $projects =
74         $this->model_projects->get_project($project_id);
75
76     $config['center'] = '14.747535,
77         121.05357619999995';
78     $config['places'] = TRUE;
79     $config['zoom'] = 'auto';
80     $config['region'] = 'PH';
81     $config['$placesLocation'] =
82         '14.747535, 121.05357619999995';
83     $config['$placesAutocompleteBoundSW'] =
84         '14.742881, 121.046298';
85     $config['$placesAutocompleteBoundNE'] =
86         '14.756867, 121.053615';
87
88     $this->googlemaps->initialize($config);
89
90     foreach ($projects as $project){
91
92         $marker = array();
93         $marker['position'] =
94             array($project->latitude,
95                 $project->longitude);
96         if ($project->rating == 0) {
97             $marker['icon'] =
98                 site_url('/assets/images/marker01.png');
99             $marker['infowindow_content'] =
100                 "<b>" .
101                 $project->project_name .
102                 "</b><br>" .
103                 $project->address . "<br>" .
104                 "Barangay " .
105                 $project->barangay_code .
106                 "<br>" .
107                 "Rating: 0";
108         }
109         else if (($project->rating > 0.0) &&
110             ($project->rating < 0.20)){
111             $marker['icon'] =
112                 site_url('/assets/images/marker01.png');
113             $marker['infowindow_content'] =
114                 "<b>" .
115                 $project->project_name .
116                 "</b><br>" .
117                 $project->address . "<br>" .

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```

Barangay " . 111 }
$project->barangay_code . 112
"<br> Rating: "; 114 }
88 } 115 $this->load->view('/includes/header');
89 else if (($project->rating >= 0.20) 116 $this->load->view('/barangay_officer/vView_Project',
&& ($project->rating < 0.39)){ 116 $data);
90 $marker['icon'] = 117 }
91 site_url('/assets/images/marker02.png'); 117 if (($addressExists != 0) ||
$marker['infowindow_content'] = 118 ($addressExists != NULL)){
" <b> " . 119 $this->load->view('vView_Project_Map',
$project->project_name . 120 $projectdata);
"</b><br>" . 120 }
$project->address . "<br> 121 $this->load->view('/includes/footer');
Barangay " . 122 }
$project->barangay_code . 123 }
"<br> Rating: "; 125 create_action_plan($project_id){
92 } 126 date_default_timezone_set('Asia/Manila');
93 else if (($project->rating >= 0.40) 127 $this->load->helper(array('url', 'html'));
&& ($project->rating < 0.59)){ 128 $this->load->library('session');
94 $marker['icon'] = 129 $this->load->library('form_validation');
95 site_url('/assets/images/marker03.png'); 129 $this->load->model('model_projects');
$marker['infowindow_content'] = 131 $data['project'] =
" <b> " . 132 $this->model_projects->get($project_id);
$project->project_name . 133 $userBrgy =
"</b><br>" . 133 $this->session->userdata('barangay_code');
$project->address . "<br> 134 $projBrgy =
Barangay " . 134 $this->model_projects->get_project_barangay($project_id);
$project->barangay_code . 135 $this->form_validation->set_rules('action',
"<br> Rating: "; 137 }
97 } 138 }
98 else if (($project->rating >= 0.60) 139 if (($this->session->userdata('type')
&& ($project->rating < 0.79)){ == "Barangay Officer") &&
99 $marker['icon'] = ($userBrgy == $projBrgy)){
100 site_url('/assets/images/marker04.png'); if ($this->form_validation->run()
$marker['infowindow_content'] = == FALSE){
" <b> " . 141 $this->load->view('/includes/header');
$project->project_name . 142 $this->load->view('/barangay_officer/vCreate_Action_Plan',
"</b><br>" . 142 $data);
$project->address . "<br> 143 $this->load->view('/includes/footer');
Barangay " . 144 }
$project->barangay_code . 145 }
" <br> Rating: "; 148 $project_id =
101 } $_POST['project_id'];
102 else if (($project->rating >= .80) 149 $budget_plan = array();
&& ($project->rating <= 1.0)){ 150 $num_rows =
103 $marker['icon'] = count($_POST['action']);
104 site_url('/assets/images/marker05.png'); for($i=1; $i < $num_rows+1;
$marker['infowindow_content'] = $i++) {
" <b> " . 153 $action_plan = array(
$project->project_name . "action' =>
"</b><br>" . 154 $action[$i],
$project->address . "<br> 155 'project_id' =>
Barangay " . $project_id[1],
$project->barangay_code . 156 }
" <br> Rating: "; 158 }
105 } 159 }
106 } 160 }
107 if (($project->latitude != 0.00) && if ($action_plan['action']
($project->longitude != 0.00)){ != NULL){
108 $this->googlemaps->add_marker($marker); $this->db->insert('action_plan',
109 } $action_plan);
110 } 162 }

```

```

163     }
164 }
165 }
166 }
167 $this->load->view('/includes/header');
168 echo "<h1>Successful Creation
of Action Plan.</h1>";
169 echo "<a href=" .
site_url('/barangay_officer/projects/view_barangay_projects/'
.$userBrgy) ."> < Back to
Brgy. Projects</a>";
170 echo "<br><br><br>";
171 $this->load->view('/includes/footer');
172 } //else
173 } //if userbrgy
174 }
175 }
176 else {
177 $this->load->view('/includes/header');
178 $this->load->view("vNo_Access");
179 $this->load->view('includes/footer');
180 }
181 }
182 }
183 } //fxn
184 }
185 }
186 public function
view_action_plan($project_id){
187 date_default_timezone_set('Asia/Manila');
188 $this->load->helper(array('url','html'));
189 $this->load->library('session');
190 $this->load->library('form_validation');
191 $this->load->model('model_projects');
192 }
193 $data['project'] =
$this->model_projects->get($project_id);
194 $data['action_plan'] =
$this->model_projects->get_action_plan($project_id);
195 }
196 $userBrgy =
$this->session->userdata('barangay_code');
197 $actionPlanExists =
$this->model_projects->get_action_plan_count($project_id);
198 }
199 $this->load->view('/includes/header');
200 if ($actionPlanExists > 0){
201 $this->load->view('vView_Action_Plan',
$data);
202 }
203 else {
204 echo "<h1>There is no action
plan for this project yet.
</h1>";
205 echo "Click here to <a href=" .
site_url('/barangay_officer/projects/create_action_plan/'
.$project_id) ."> here
</a> to create an action
plan. <br><br><br>";
206 echo "<a href=" .
site_url('/barangay_officer/projects/view_barangay_projects/'
.$userBrgy) ."> < Back to
Brgy. Projects</a>";
207 echo "<br><br><br>";
208 }
209 $this->load->view('/includes/footer');
210 }
211 }
212 }
213 }
214 }
215 }
216 public function
create_project_details($project_id){
217 date_default_timezone_set('Asia/Manila');
218 $this->load->helper(array('url','html'));
219 $this->load->library('session');
220 $this->load->library('form_validation');
221 $this->load->library('googlemaps');
222 $this->load->model('model_projects');
223 }
224 $this->session->userdata('barangay_code');
225 $projBrgy =
$this->model_projects->get_project_barangay($project_id);
226 $proj_data['projects'] =
$this->model_projects->get_project($project_id);
227 $projName =
$this->model_projects->get_project_name($project_id);
228 $projLat =
$this->model_projects->get_latitude($project_id);
229 $projLong =
$this->model_projects->get_longitude($project_id);
230 }
231 $addressExists =
$this->model_projects->get_address_count($project_id);
232 $dateBeginExists =
$this->model_projects->get_date_begin($project_id);
233 }
234 }
235 $this->form_validation->set_rules('date_begin',
'Beginning Date',
'required|callback_date_valid');
236 $this->form_validation->set_rules('date_end',
'End Date',
'required|callback_compare_dates|callback_date_valid');
237 $this->form_validation->set_rules('postcode',
'Address', 'required');
238 $this->form_validation->set_rules('longitude',
'Longitude', 'required|decimal');
239 $this->form_validation->set_rules('latitude',
'Latitude', 'required|decimal');
240 }
241 $this->form_validation->set_message('decimal',
'That is not a valid coordinate
value.');
```

```

259         else {
260             $project_address =
261                 $this->input->post('address');
262             $data['date_begin'] =
263                 $this->input->post('date_begin');
264             $data['date_end'] =
265                 $this->input->post('date_end');
266             $data['address'] =
267                 $this->input->post('postcode');
268             $data['latitude'] =
269                 $this->input->post('latitude');
270             $data['longitude'] =
271                 $this->input->post('longitude');
272             $project_details =
273                 $this->model_projects->set_project_details($data);
274             $this->load->view('includes/header');
275             if
276                 (($this->input->post('latitude')
277                 > 0) ||
278                 ($this->input->post('longitude')
279                 > 0)){
280                 echo "<h1>Success</h1>";
281             }
282             else {
283                 $this->load->view('/includes/header');
284                 $this->load->view("vNo_Access");
285                 $this->load->view('includes/footer');
286             }
287         }
288     }
289     public function
290     compare_dates($start_date, $end_date){
291         $startDate =
292             $this->input->post('date_begin');
293         $endDate =
294             $this->input->post('date_end');
295         if ($endDate > $startDate)
296             return true;
297         else {
298             $this->form_validation->set_message('compare_dates',
299                 '%s should be later than
300                 beginning date. ');
301             return false;
302         }
303     }
304     public function date_valid($date){
305         $year = (int) substr($date, 0, 4);
306         $month = (int) substr($date, 5, 3);
307         $day = (int) substr($date, 8, 2);
308         checkdate($month, $day, $year);
309         if (checkdate($month, $day, $year) ==
310             TRUE) {
311             return TRUE;
312         }
313     }
314     else {
315         $this->form_validation->set_message('date_valid',
316             'Please enter a valid date. ');
317         return FALSE;
318     }
319 }
320
321 public function
322 view_project_map($project_id){
323     $this->load->helper(array('url', 'html'));
324     $this->load->model('model_proposals');
325     $this->load->model('model_barangays');
326     $this->load->model('model_users');
327     $this->load->model('model_projects');
328
329     $this->load->library('session');
330     $this->load->library('googlemaps');
331
332     $projects =
333         $this->model_projects->get_project($project_id);
334
335     $config['center'] = '14.747535,
336         121.05357619999995';
337     // $config['center'] = 'Caloocan City,
338         Philippines';
339     $config['places'] = TRUE;
340     $config['zoom'] = 'auto';
341     $config['region'] = 'PH';
342     $config['$placesLocation'] =
343         '14.747535, 121.05357619999995';
344     $config['$placesAutocompleteBoundSW'] =
345         '14.742881, 121.046298';
346     $config['$placesAutocompleteBoundNE'] =
347         '14.756867, 121.053615';
348
349     $this->googlemaps->initialize($config);
350
351     foreach ($projects as $project){
352         $marker = array();
353         $marker['position'] =
354             "$project->latitude,
355             $project->longitude";
356         if ($project->rating == 0) {
357             $marker['icon'] =
358                 site_url('/assets/images/marker01.png');
359             $marker['infowindow_content'] =
360                 "<b>" .
361                 $project->project_name .
362                 "</b><br>" .
363                 $project->address . "<br>" .
364                 $project->barangay_code .
365                 "<br> Rating: 0";
366         }
367         else if (($project->rating > 0.0) &&
368             ($project->rating < 0.20)){
369             $marker['icon'] =
370                 site_url('/assets/images/marker01.png');
371             $marker['infowindow_content'] =
372                 "<b>" .
373                 $project->project_name .
374                 "</b><br>" .
375                 $project->address . "<br>" .
376                 $project->barangay_code .
377                 "<br> Rating: ";
380         }
381         else if (($project->rating >= 0.20)

```

```

355     && ($project->rating < 0.39)){
356     $marker['icon'] =
357         site_url('/assets/images/marker02.png');
358     $marker['infowindow_content'] =
359         "<b>" .
360         $project->project_name .
361         "</b><br>" .
362         $project->address . "<br>" .
363         Barangay " .
364         $project->barangay_code .
365         "<br> Rating: ";
368     }
369     else if (($project->rating >= 0.40)
370     && ($project->rating < 0.59)){
371     $marker['icon'] =
372         site_url('/assets/images/marker03.png');
373     $marker['infowindow_content'] =
374         "<b>" .
375         $project->project_name .
376         "</b><br>" .
377         $project->address . "<br>" .
378         Barangay " .
379         $project->barangay_code .
380         "<br> Rating: ";
383     }
384     else if (($project->rating >= 0.60)
385     && ($project->rating < 0.79)){
386     $marker['icon'] =
387         site_url('/assets/images/marker04.png');
388     $marker['infowindow_content'] =
389         "<b>" .
390         $project->project_name .
391         "</b><br>" .
392         $project->address . "<br>" .
393         Barangay " .
394         $project->barangay_code .
395         "<br> Rating: ";
398     }
399     else if (($project->rating >= .80)
400     && ($project->rating <= 1.0)){
401     $marker['icon'] =
402         site_url('/assets/images/marker05.png');
403     $marker['infowindow_content'] =
404         "<b>" .
405         $project->project_name .
406         "</b><br>" .
407         $project->address . "<br>" .
408         Barangay " .
409         $project->barangay_code .
410         "<br> Rating: ";
413     }
414     if (($project->latitude != 0.00) &&
415     ($project->longitude != 0.00)){
416     $this->googlemaps->add_marker($marker);
417     }
418     }
419     $projectdata['map'] =
420     $this->googlemaps->create_map();
421     $this->load->view('vView_Project_Map',
422     $projectdata);
423     public function
424     view_barangay_projects_map($barangay_code){
425     $this->load->helper(array('url','html'));
426     $this->load->model('model_proposals');
427     $this->load->model('model_barangays');
428     $this->load->model('model_users');
429     $this->load->model('model_projects');
430     $this->load->library('session');
431     $this->load->library('googlemaps');
432     $projects =
433     $this->model_projects->get_barangay_project($barangay_code);
434     $projects_count =
435     $this->model_projects->get_barangay_project_address_count($barangay_code);
436     $config['center'] = '14.747535,
437     121.05357619999995';
438     // $config['center'] = 'Caloocan City,
439     Philippines';
440     $config['places'] = TRUE;
441     $config['zoom'] = 'auto';
442     $config['region'] = 'PH';
443     $config['placesLocation'] =
444     '14.747535, 121.05357619999995';
445     $config['$placesAutocompleteBoundSW'] =
446     '14.742881, 121.046298';
447     $config['$placesAutocompleteBoundNE'] =
448     '14.756867, 121.053615';
449     $this->googlemaps->initialize($config);
450     echo "<style>";
451     echo ".column-left{ float: left; width:
452     50%; }";
453     echo ".column-right{ float: right;
454     width: 33%; }";
455     echo "</style>";
456     echo "<div class=column-left>";
457     echo "<h3>Projects in Barangay
458     $barangay_code </h3>";
459     if ($projects_count == 0){
460     echo "There are no finalized
461     projects in this barangay yet.
462     <br>Check again next time.
463     <br>";
464     }
465     else if ($projects_count == 1){
466     echo "There is currently one
467     finalized project in this
468     barangay.<br>";
469     }
470     else {
471     echo "There are currently " .
472     $projects_count . " finalized
473     projects in this barangay.<br>";
474     echo "<a href=" .
475     site_url('barangay_officer/projects/view_barangay_' .
476     $barangay_code) . "> Click here
477     </a> to view projects list for
478     this barangay. <br>";
479     }
480     }
481     echo "<a href=" .
482     site_url('barangay_officer/projects/view_all_projects_' .
483     $barangay_code) . ">Click here</a> to view the city
484     map. <br><br>";

```

```

429     echo "<a href=" . Barangay " .
        site_url('/barangay_officer/projects/view_barangay_projects/' . $project->barangay_code .
        . $barangay_code) . ">< Back to
        Barangay Projects Summary </a>";
        Rating: ";
430
431     echo "</div>";
432
433     echo "<div class=column-right>";
434     echo "<br><br>";
435     $this->load->view('vMap_Navigation');
436     echo "</div>";
437
438     echo "<br><br>";
439     if ($projects_count > 0){
440     foreach ($projects as $project){
441
442
443         $marker = array();
444         $marker['position'] =
            " $project->latitude,
            $project->longitude";
445
446         if ($project->rating == 0) {
447             $marker['icon'] =
                site_url('/assets/images/marker01.png');
448             $marker['infowindow_content'] =
                "<b> " .
                $project->project_name .
                "</b><br>" .
                $project->address . "<br>
                Barangay " .
                $project->barangay_code .
                "<br> Rating: 0";
449         }
450         else if (($project->rating > 0.0) &&
            ($project->rating < 0.20)){
451             $marker['icon'] =
                site_url('/assets/images/marker01.png');
452             $marker['infowindow_content'] =
                "<b> " .
                $project->project_name .
                "</b><br>" .
                $project->address . "<br>
                Barangay " .
                $project->barangay_code .
                "<br> Rating: ";
453         }
454         else if (($project->rating >= 0.20)
            && ($project->rating < 0.39)){
455             $marker['icon'] =
                site_url('/assets/images/marker02.png');
456             $marker['infowindow_content'] =
                "<b> " .
                $project->project_name .
                "</b><br>" .
                $project->address . "<br>
                Barangay " .
                $project->barangay_code .
                "<br> Rating: ";
457         }
458         else if (($project->rating >= 0.40)
            && ($project->rating < 0.59)){
459             $marker['icon'] =
                site_url('/assets/images/marker03.png');
460             $marker['infowindow_content'] =
                "<b> " .
                $project->project_name .
                "</b><br>" .
                $project->address . "<br>
                Barangay " .
                Rating: ";
461         }
462     }
463     else if (($project->rating >= 0.60)
        && ($project->rating < 0.79)){
464         $marker['icon'] =
            site_url('/assets/images/marker04.png');
465         $marker['infowindow_content'] =
            "<b> " .
            $project->project_name .
            "</b><br>" .
            $project->address . "<br>
            Barangay " .
            $project->barangay_code .
            "<br> Rating: ";
466     }
467     else if (($project->rating >= .80)
        && ($project->rating <= 1.0)){
468         $marker['icon'] =
            site_url('/assets/images/marker05.png');
469         $marker['infowindow_content'] =
            "<b> " .
            $project->project_name .
            "</b><br>" .
            $project->address . "<br>
            Barangay " .
            $project->barangay_code .
            "<br> Rating: ";
470     }
471     if (($project->latitude != 0.00) &&
        ($project->longitude != 0.00)){
472         $this->googlemaps->add_marker($marker);
473     }
474 } //foreach
475
476 $projectdata['map'] =
477     $this->googlemaps->create_map();
478 $this->load->view('vView_Map',
479     $projectdata);
480
481 } //if not empty
482 else {
483     echo " ";
484 }
485 $this->load->view('/includes/header');
486 $this->load->View('/includes/footer');
487
488 }
489
490 public function view_all_projects_map(){
491     $this->load->helper(array('url', 'html'));
492     $this->load->model('model_proposals');
493     $this->load->model('model_barangays');
494     $this->load->model('model_users');
495     $this->load->model('model_projects');
496
497     $this->load->library('session');
498     $this->load->library('googlemaps');
499
500     $projects =
501         $this->model_projects->get_all_projects();
502     $projects_count =
503         $this->model_projects->get_all_project_address_count

```

```

502                                     $project->address . "<br>
503 $config['center'] = '14.747535,
                                     Barangay " .
                                     $project->barangay_code .
504 // $config['center'] = 'Caloocan City,
                                     "<br> Rating: ";
505 $config['places'] = TRUE;
506 $config['zoom'] = 'auto';
507 $config['region'] = 'PH';
508 $config['$placesLocation'] =
509 '14.747535, 121.05357619999995';
510 $config['$placesAutocompleteBoundSW'] =
511 '14.742881, 121.046298';
512 $config['$placesAutocompleteBoundNE'] =
513 '14.756867, 121.053615';
514 $this->googlemaps->initialize($config);
515 echo "<style>";
516 echo ".column-left{ float: left; width:
517 50%; }";
518 echo ".column-right{ float: right;
519 width: 33%; }";
520 echo "</style>";
521 echo "<div class=column-left>";
522 echo "<h3>Projects in Caloocan </h3>";
523 echo "There are currently " .
524 $projects_count . " finalized
525 projects in this city.<br>";
526 echo "<a href=" .
527 site_url('/projects/view_barangay_projects_menu')
528 . ">Click here</a> to view
529 Projects list.<br>";
530 echo "<a href=" .
531 site_url('/barangay_officer/projects/')
532 . ">< Back to Projects</a>";
533 echo "</div>";
534 echo "<div class=column-right>";
535 echo "<br><br>";
536 $this->load->view('vMap_Navigation');
537 echo "</div>";
538 if ($projects_count > 0){
539 foreach ($projects as $project){
540 $marker = array();
541 $marker['position'] =
542 "$project->latitude,
543 $project->longitude";
544 if ($project->rating == 0) {
545 $marker['icon'] =
546 site_url('/assets/images/marker01.png');
547 $marker['infowindow_content'] =
548 "<b> " .
549 $project->project_name .
550 "</b><br>" .
551 $project->address . "<br>
552 Barangay " .
553 $project->barangay_code .
554 "<br> Rating: 0";
555 }
556 else if (($project->rating > 0.0) &&
557 ($project->rating < 0.20)){
558 $marker['icon'] =
559 site_url('/assets/images/marker02.png');
560 $marker['infowindow_content'] =
561 "<b> " .
562 $project->project_name .
563 "</b><br>" .
564 $project->address . "<br>
565 Barangay " .
566 $project->barangay_code .
567 "<br> Rating: ";
570 }
571 else if (($project->rating >= 0.20)
572 && ($project->rating < 0.39)){
573 $marker['icon'] =
574 site_url('/assets/images/marker03.png');
575 $marker['infowindow_content'] =
576 "<b> " .
577 $project->project_name .
578 "</b><br>" .
579 $project->address . "<br>
580 Barangay " .
581 $project->barangay_code .
582 "<br> Rating: ";
585 }
586 else if (($project->rating >= 0.40)
587 && ($project->rating < 0.59)){
588 $marker['icon'] =
589 site_url('/assets/images/marker04.png');
590 $marker['infowindow_content'] =
591 "<b> " .
592 $project->project_name .
593 "</b><br>" .
594 $project->address . "<br>
595 Barangay " .
596 $project->barangay_code .
597 "<br> Rating: ";
600 }
601 else if (($project->rating >= 0.60)
602 && ($project->rating < 0.79)){
603 $marker['icon'] =
604 site_url('/assets/images/marker05.png');
605 $marker['infowindow_content'] =
606 "<b> " .
607 $project->project_name .
608 "</b><br>" .
609 $project->address . "<br>
610 Barangay " .
611 $project->barangay_code .
612 "<br> Rating: ";
615 }
616 else if (($project->rating >= .80)
617 && ($project->rating <= 1.0)){
618 $marker['icon'] =
619 site_url('/assets/images/marker06.png');
620 $marker['infowindow_content'] =
621 "<b> " .
622 $project->project_name .
623 "</b><br>" .
624 $project->address . "<br>
625 Barangay " .
626 $project->barangay_code .
627 "<br> Rating: ";
630 }
631 if (($project->latitude != 0.00) &&
632 ($project->longitude != 0.00)){
633 $this->googlemaps->add_marker($marker);
634 }

```

```

568     } //foreach
569
570     $projectdata['map'] =
571     $this->googlemaps->create_map();
572     $this->load->view('vView_Map',
573         $projectdata);
574
575     } //if not empty
576     else {
577         echo "There are no finalized
578             projects in this city yet.
579             <br>";
580     }
581
582     $this->load->view('/includes/header');
583     $this->load->View('/includes/footer');
584 }
585 }
586
587 ?>

```

Listing 20:
barangay_officer/projects.php

```

1 <?php
2 class Proposals extends CI_controller{
3     public function construct(){
4         parent::__construct();
5         $this->load->helper(array('url', 'html'));
6     }
7
8     public function index(){
9         $this->load->helper(array('html', 'url'));
10        $this->load->model('model_users');
11        $this->load->model('model_proposals');
12        $this->load->model('model_barangays');
13        $this->load->model('model_projects');
14        $this->load->view('/includes/header');
15        date_default_timezone_set('Asia/Manila');
16
17
18        if ($this->session->userdata('type') ==
19            "Barangay Officer"){
20            $this->load->helper('html');
21
22            $userID =
23                $this->session->userdata('user_id');
24            $userName =
25                $this->session->userdata('username');
26            $userBrgy =
27                $this->session->userdata('barangay_code');
28            $lastLogin =
29                $this->session->userdata('last_login');
30            $newCount = 0;
31            $swcCount = 0;
32
33            $userdata['users'] =
34                $this->model_users->get($userID);
35            $currDate = date('Y-m-d H:i:s');
36
37            $dates =
38                $this->model_proposals->get_unapproved_date($userBrgy);
39            $dates2 =
40                $this->model_proposals->get_approved_date($userBrgy);
41            //repeat
42
43            $proposalswc =

```

```

36        $this->model_proposals->get_all_approvedwc_brgy($userBrgy);
37        $brgyVotingPeriodEnd =
38            $this->model_barangays->get_voting_period_end($userBrgy);
39        $projectsExist =
40            $this->model_projects->get_barangay_project_count($userBrgy);
41
42        foreach ($dates as $date){
43            $dateTime1 = new
44                DateTime($lastLogin);
45            $dateTime2 = new
46                DateTime($date->date_time);
47            if ($dateTime2 > $dateTime1) {
48                $newCount++;
49            }
50        }
51
52        foreach ($proposalswc as $proposal){
53
54            if ( (($proposal->date_time >
55                $lastLogin) || $proposal->last_edit
56                != $userName) &&
57                ($proposal->status ==
58                "approved with comment") &&
59                ($proposal->approver ==
60                $this->session->userdata('username')))
61            ){
62                $swcCount++;
63            }
64        }
65
66        if ($newCount == 0) {
67            echo "<center><div
68                border=2px><h1>Announcement</h1>";
69            echo "No new proposals since
70                your last login.
71            <br></div></center></div>";
72        }
73
74        else if ($newCount == 1) {
75            echo "<title> (1) iBudgetMo
76            </title>";
77            echo
78                "<center><h1>Announcement</h1>";
79            echo
80                "<font color=f06060>There
81                is one new unapproved
82                proposal since your last
83                login.</font> <a href=" .
84                site_url('/barangay_officer/proposals/view_new') .
85                "> View new
86                proposals</a><br></center>";
87        }
88
89        else if ($newCount > 1){
90            echo "<title> (" . $newCount . ")
91            iBudgetMo </title>";
92            echo
93                "<center><h1>Announcement</h1>";
94            echo
95                "<font color=f06060>There
96                are " . $newCount . " new
97                unapproved proposals since
98                your last login.</font> <a
99                href=" .
100                site_url('/barangay_officer/proposals/view_new') .
101                "> View new
102                proposals</a><br></center>";
103
104            if ($swcCount == 1){
105                echo "<title> (" . ($newCount +
106                    $swcCount) . ") iBudgetMo

```

```

76         </title>";
77         echo "<center><font
78             color=f06060>There is one
79             new proposal resubmitted
80             to you.</font> <a href=" .
81             site_url('/barangay_officer/proposals/view_my_approved_barangay_proposals')
82             . "> View resubmitted
83             proposals</a> </center>";
84     }
85     else if ($wcCount > 1) {
86         echo "<title> (" . ($newCount +
87             $wcCount). ") iBudgetMo
88         </title>";
89         echo "<center><font
90             color=f06060>There are ".
91             $wcCount . " new proposals
92             resubmitted to you.</font>
93             <a href=" .
94             site_url('/barangay_officer/proposals/view_my_approved_barangay_proposals')
95             . "> View resubmitted
96             proposals</a> </center>";
97     }
98     if (($currDate >
99         $brgyVotingPeriodEnd) &&
100         ($projectsExist == 0)){
101         echo "<center>Your barangay
102             voting period has already
103             ended. You may now announce
104             the top project proposals. <a
105             href=" .
106             site_url('/barangay_officer/proposals/announce_top_proposals')
107             . "> Announce top
108             proposals</a><br> </center>";
109     }
110     else if (($currDate >
111         $brgyVotingPeriodEnd) &&
112         ($projectsExist > 0) ) {
113         echo "<center>Top proposals in
114             barangay are already
115             finalized. <a href=" .
116             (site_url('barangay_officer/projects/view_barangay_projects'))
117             . "/" . $userBrgy . "> Click
118             here to view</center><br>";
119     }
120     $this->load->view('/barangay_officer/vProposals.php');
121     $this->load->view('/includes/footer');
122 }
123 else {
124     echo "<h1>You are not allowed to
125         access this page!</h1>";
126     echo "Back";
127 }
128 }
129 //view_all
130 public function view_new_proposals(){
131     $this->load->helper(array('html',
132         'url'));
133     $this->load->model('model_users');
134     $this->load->model('model_proposals');
135     $this->load->view('/includes/header');
136     if($this->session->userdata('type') ==
137         "Barangay Officer"){
138         $userID =
139             $this->session->userdata('user_id');
140         $userBrgy =
141             $this->session->userdata('barangay_code');
142         $lastLogin =
143             $this->session->userdata('last_login');
144         $newCount = 0;
145         $userdata['users'] =
146             $this->model_users->get($userID);
147         $dates =
148             $this->model_proposals->get_unapproved_date($userID);
149         $proposaldata['proposals'] =
150             $this->model_proposals->get_new_proposals($userBrgy,
151                 $lastLogin);
152     }
153 }
154 public function view_all_proposals(){
155     $this->load->helper(array('html',
156         'url'));
157     $this->load->model('model_users');
158     $this->load->model('model_proposals');
159     $userID =
160         $this->session->userdata('user_id');
161     $userBrgy =
162         $this->session->userdata('barangay_code');
163     $userdata['users'] =
164         $this->model_users->get($userID);
165     $proposaldata['proposals'] =
166         $this->model_proposals->get_all_proposals();
167     $this->load->view('/includes/header');
168     if($this->session->userdata('type')
169         == "Barangay Officer"){
170         $this->load->view('/barangay_officer/vView_All_Propo
171             $proposaldata);
172         $this->load->view('/includes/footer');
173     }
174     else {
175         echo "<h1>You are not allowed to
176             access this page!</h1>";
177         echo "Back";
178     }
179 }
180 }
181 }
182 }
183 }
184 }
185 }
186 }
187 }
188 }
189 }
190 }
191 }
192 }
193 }
194 }
195 }
196 }
197 }
198 }
199 }
200 }
201 }
202 }
203 }
204 }
205 }
206 }
207 }
208 }
209 }
210 }
211 }

```

```

164         view_my_approvedwc_proposals(){
165         $this->load->view('/barangay_officer/vView_New_Proposals', $proposaldata);
166         $this->load->view('/includes/footer');
167     }
168
169     else {
170         echo "<h1>You are not allowed to
171         access this page!</h1>";
172         echo "Back";
173     }
174
175     public function
176     view_my_approved_proposals(){
177         $this->load->helper(array('html',
178         'url'));
179         $this->load->model('model_users');
180         $this->load->model('model_proposals');
181         $this->load->view('/includes/header');
182         if($this->session->userdata('type') ==
183         "Barangay Officer"){
184             $userID =
185             $this->session->userdata('user_id');
186             $userName =
187             $this->session->userdata('username');
188             $userBrgy =
189             $this->session->userdata('barangay_code');
190             $proposaldata['proposals'] =
191             $this->model_proposals->get_approved_by_me($userName);
192
193             $this->load->view('/barangay_officer/vView_My_Approved_Proposals',
194             $proposaldata);
195             $this->load->view('/includes/footer');
196         }
197         else {
198             $this->load->view('vNo_Access');
199         }
200     }
201
202     public function
203     view_unapproved_proposals(){
204         $this->load->helper(array('html',
205         'url'));
206         $this->load->model('model_users');
207         $this->load->model('model_proposals');
208
209         $userID =
210         $this->session->userdata('user_id');
211         $userBrgy =
212         $this->session->userdata('barangay_code');
213
214         $userdata['users'] =
215         $this->model_users->get($userID);
216         $proposaldata['proposals'] =
217         $this->model_proposals->get_all_unapproved_brgy($userBrgy);
218
219         $this->load->view('/includes/header');
220         if($this->session->userdata('type')
221         == "Barangay Officer"){
222             $this->load->view('/barangay_officer/vView_Barangay_Proposals_Unapproved',
223             $proposaldata);
224         }
225         else {
226             $this->load->view('vNo_Access');
227         }
228     }
229
230     public function
231     view_my_approvedwc_proposals(){
232         $this->load->helper(array('html',
233         'url'));
234         $this->load->model('model_users');
235         $this->load->model('model_proposals');
236
237         $userID =
238         $this->session->userdata('user_id');
239         $username =
240         $this->session->userdata('username');
241         $userBrgy =
242         $this->session->userdata('barangay_code');
243
244         $userdata['users'] =
245         $this->model_users->get($userID);
246         $proposaldata['proposals'] =
247         $this->model_proposals->get_approvedwc_by_me($userBrgy,
248         $username);
249
250         $this->load->view('/includes/header');
251         if($this->session->userdata('type')
252         == "Barangay Officer"){
253             $this->load->view('/barangay_officer/vView_ApprovedWC_Proposals',
254             $proposaldata);
255         }
256         else {
257             $this->load->view('vNo_Access');
258         }
259     }
260
261     public function
262     view_budget_proposal($proposal_id){
263         date_default_timezone_set('Asia/Manila');
264         $this->load->helper(array('url', 'html'));
265         $this->load->library('session');
266         $this->load->library('form_validation');
267         $this->load->model('model_proposals');
268
269         $data['proposal'] =
270         $this->model_proposals->get($proposal_id);
271         $data['budget_plan'] =
272         $this->model_proposals->get_proposal_budget_plan($proposal_id);
273
274         $this->load->view('/includes/header2');
275         $this->load->view('/vView_Budget_Proposal',
276         $data);
277         $this->load->view('/includes/footer');
278     }
279
280     public function category_check($category){
281         if ($category == "0"){
282             $this->form_validation->set_message('category_check',
283             'You must pick a category
284             from the drop-down menu.');
```

```

273     else {
274         return TRUE;
275     }
276 }
277
278 public function edit_proposal($id){
279     $this->load->helper(array('url', 'html'));
280     $this->load->helper('form');
281     $this->load->model('model_proposals');
282     $this->load->library('session');
283     $this->load->library('form_validation');
284
285     $data['proposals'] =
286         $this->model_proposals->get_proposal($id);
287     $data['budget_plan'] =
288         $this->model_proposals->get_proposal_budget_plan($id);
289     $this->form_validation->set_rules('category',
290         'Category',
291         'callback_category_check');
292     $this->form_validation->set_rules('description',
293         'Problem Statement',
294         'required|min_length[10]|max_length[550]');
295     $this->form_validation->set_rules('objective',
296         'Objective',
297         'required|min_length[10]|max_length[300]');
298     $this->form_validation->set_rules('benefit',
299         'Benefit',
300         'required|min_length[10]|max_length[550]');
301
302     if ($this->session->userdata('type') ==
303         "Barangay Officer"){
304         if ($this->form_validation->run() ==
305             FALSE){
306             $this->load->view('/includes/header');
307             $this->load->view('/barangay_officer/vEdit_Proposal',
308                 $data);
309             $this->load->view('/includes/footer');
310         }
311         else {
312             $this->edit_proposal_submit($id);
313         }
314     }
315     else {
316         $this->load->view('includes/header');
317         $this->load->view('vNo_Access');
318         $this->load->view('includes/footer');
319     }
320 }
321
322 public function edit_proposal_submit($id){
323     $this->load->library('session');
324     date_default_timezone_set('Asia/Manila');
325     echo "<font color=ffffff size=1px>";
326     var_dump($this->input->post());
327     echo "</font>";
328
329     $data = array();
330     $data = array(
331         'proposal_category' =>
332             $this->input->post('proposal_category'),
333         'description' =>
334             $this->input->post('description'),
335         'comments' =>
336             $this->input->post('comments'),
337         'approver' =>
338             $this->session->userdata('username'),
339         'objective' =>
340             $this->input->post('objective'),
341         'benefit' =>
342             $this->input->post('benefit'),
343         'status' =>
344             $this->input->post('status'),
345         'last_edit' =>
346             $this->session->userdata('username'),
347         'date_time' => date('Y-m-d H:i:s')
348     );
349
350     $this->load->helper(array('url', 'html'));
351     $this->load->model('model_proposals');
352     $this->model_proposals->update_proposal($id,
353         $data);
354
355     if ($this->input->post() == TRUE) {
356         $this->load->view('/includes/header');
357         $this->load->view('/barangay_officer/vSuccess_Edit_Proposal',
358             $data);
359         $this->load->view('/includes/footer');
360     }
361 }
362
363 public function approve_auto($id){
364     $this->load->helper(array('html',
365         'url'));
366     $this->load->library('session');
367     $this->load->model('model_proposals');
368     date_default_timezone_set('Asia/Manila');
369
370     $proposaldata = array(
371         'date_time' => date('Y-m-d H:i:s'),
372         'status' => "approved",
373         'approver' =>
374             $this->session->userdata('username')
375     );
376
377     $this->model_proposals->update_proposal($id,
378         $proposaldata);
379     $this->load->view('/includes/header');
380     $this->load->view('barangay_officer/vSuccess_Approve');
381     //not yet created
382     $this->load->view('/includes/footer');
383 }
384
385 public function approve_proposal($id){
386     $this->load->helper(array('html',
387         'url'));
388     $this->load->library('session');
389     $this->load->model('model_users');
390     $this->load->model('model_proposals');
391     date_default_timezone_set('Asia/Manila');
392
393     $userID =
394         $this->session->userdata('user_id');
395     $userName =
396         $this->session->userdata('username');
397     $userBrgy =
398         $this->session->userdata('barangay_code');
399
400     $proposaldata = array(
401         'date_time' => date('Y-m-d H:i:s'),
402         'status' =>
403             $this->input->post('status'),
404         'comments' =>
405             $this->input->post('comments'),
406         'approver' =>
407             $this->session->userdata('username')
408     );

```

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385     $this->model_proposals->update_proposal($id,          $data);
386         $proposaldata);                                439
387     $this->load->view('/includes/header');                440
388     $this->load->view('/barangay_officer/vApprove_Proposal'); $brgyVotingPeriodStart =
389         $proposaldata); //DNE yet                                441     $this->model_barangays->get_voting_period_start($barangay_code);
390 }                                                         442     $brgyVotingPeriodEnd =
391                                                         443     $this->model_barangays->get_voting_period_end($barangay_code);
392 public function approve_proposal_submit($id){           444     $projectsExist =
393     $this->load->helper(array('html',                    445     $this->model_projects->get_barangay_project($barangay_code);
394         'url'));                                           446     $this->load->view('/includes/header');
395     $this->load->library('session');                       447
396     $this->load->model('model_proposals');               448     $sql = "SELECT * from project where
397     $this->model_proposals->update_proposal($id);       449     barangay_code = $barangay_code and
398                                                         450     year(date_approved) =
399     $this->load->view('/includes/header');               451     year(curdate());
400     $this->load->view('barangay_officer/vSuccess_Approve'); $brgyVotingPeriodStart) &&
401     $this->load->view('/includes/footer');                452     ($currDate >
402                                                         453     $brgyVotingPeriodEnd)){
403                                                         454     echo "<h1>Voting Period has
404 }                                                         455     officially ended.</h1>";
405                                                         456     if ($numProjects == 0){
406 public function approve_wc_proposal_submit($proposal_id, 457     $this->load->view('/barangay_officer/vAnnounce_Top
407     $comment){                                           458     $data);
408     $this->load->helper(array('html',                    459     }
409         'url'));                                           460
410     $this->load->model('model_proposals');               461
411     $query1 = "UPDATE proposal SET status =             462     else if ($numProjects > 0){
412     'approved' where proposal_id =                      463     echo "The top proposals in this
413     $proposal_id";                                       464     barangay were already
414     $exec1 = $this->db->query($query1,                  465     announced. <br>";
415     $proposal_id);                                       466     echo "Click <a href="
416                                                         467     .(site_url('barangay_officer/projects/view_barangay_code/
417     $query2 = "UPDATE proposal SET comment              468     ."/" . $barangay_code
418     = $comment WHERE proposal_id =                      469     .">here </a> to view the
419     $proposal_id";                                       470     projects. <br><br><br>";
420     $exec2 = $this->db->query($query2,                  471     echo "<a href=" . base_url().
421     $proposal_id);                                       472     "barangay_officer/proposals/
422                                                         473     > < Back to Proposals
423     $data['user'] =                                       474     </a><br> ";
424     $this->model_proposal->get_user($proposal_id);       475     }
425     foreach ($users as $user){                           476     }
426     alert_user_comment($user->user_id,                  477     else if (($currDate >
427         $proposal_id);                                     478     $brgyVotingPeriodStart) &&
428 }                                                         479     ($currDate <
429     $this->load->view('/includes/header');               480     $brgyVotingPeriodEnd)){
430     $this->load->view('barangay_officer/vSuccess_Approve_WC'); echo "<h1>Your barangay voting
431     //not yet created                                     481     period is still on-going.
432     $this->load->view('/includes/footer');                482     </h1>";
433 }                                                         483     echo "You can only announce top
434 public function announce_top_proposals(){               484     project proposals once your
435     $this->load->helper(array('url', 'html'));           485     voting period has
436     $this->load->model('model_proposals');               486     ended.<br><br>";
437     $this->load->model('model_barangays');               487     echo "<a href=" . base_url().
438     $this->load->model('model_projects');               488     "barangay_officer/proposals/ >
439     $this->load->library('session');                     489     < Back to Proposals </a><br> ";
440     date_default_timezone_set('Asia/Manila');           490 }
441                                                         491     else if (($currDate <
442     $currDate = date('Y-m-d H:i:s');                   492     $brgyVotingPeriodStart) &&
443     $barangay_code =                                     493     ($currDate <
444     $this->session->userdata('barangay_code');           494     $brgyVotingPeriodEnd)){
445     $data['barangay_code'] =                             495     echo "<h1>Your barangay voting
446     $this->session->userdata('barangay_code');           496     period has not yet begun.
447     $data['proposals'] =                                 497     </h1>";
448     $this->model_proposals->get_all_approved_brgy_votes($barangay_code); echo "You can only announce top
449                                                         498     project proposals once your
450                                                         499     voting period has
451                                                         500     ended.<br><br>";
452                                                         501     echo "<a href=" . base_url().
453                                                         502     "barangay_officer/proposals/ >
454                                                         503     < Back to Proposals </a><br> ";
455                                                         504 }
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927                                                         976 }
928                                                         977 }
929                                                         978 }
930                                                         979 }
931                                                         980 }
932                                                         981 }
933                                                         982 }
934                                                         983 }
935                                                         984 }
936                                                         985 }
937                                                         986 }
938                                                         987 }
939                                                         988 }
940                                                         989 }
941                                                         990 }
942                                                         991 }
943                                                         992 }
944                                                         993 }
945                                                         994 }
946                                                         995 }
947                                                         996 }
948                                                         997 }
949                                                         998 }
950                                                         999 }
951                                                         1000 }

```

```

    < Back to Proposals </a><br> "; 517
} 518
$this->load->view('/includes/footer'); 519
} 520
} 521
public function 522
    announce_top_votes($num_votes){ 522
    $this->load->helper(array('url','html')); 523
    $this->load->model('model_proposals'); 523
    $this->load->model('model_barangays'); 523
    $this->load->library('session'); 523

    $total_budget = 0;

    $barangay_code = 524
        $this->session->userdata('barangay_code');
    $this->load->view('/includes/header');

    $sql = "SELECT * FROM Proposal WHERE
        barangay_code = $barangay_code AND
        year(date_time) = year(curdate())
        ORDER BY proposal_votes DESC LIMIT
        $num_votes"; 525
    $exec = $this->db->query($sql); 526

    $projects = [];
    $i = 0;

    if ($num_votes == 1){ 527
        echo " <h3>Approve ". $num_votes ." 528
            Project Proposal: </h3>";} 529
    else {echo " <h3>Approve ". $num_votes 531
        ." Project Proposals: </h3>";} 532
    } 533

    if ($exec->num_rows() > 0){
        foreach($exec->result() as $data){ 534
            $projects[$i]['proposal_id'] = 535
                $data->proposal_id;
            $projects[$i]['project_name'] = 536
                $data->proposal_name;
            $projects[$i]['description'] = 537
                $data->description;
            $projects[$i]['objective'] = 540
                $data->objective;
            $projects[$i]['benefit'] = 541
                $data->benefit;
            $projects[$i]['approver'] =
                $this->session->userdata('username');
            $projects[$i]['barangay_code'] =
                $data->barangay_code; 543
            $projects[$i]['user_id'] = 544
                $data->user_id;
            $projects[$i]['budget'] = 545
                $data->budget;
            $projects[$i]['date_approved'] = 546
                date('Y-m-d H:i:s'); 547
            $i++;
            echo "<h1> " 548
                .$data->proposal_name. 549
                "</h1>"; 550
            echo "<b>Problem Statement: </b> 551
                " . $data->description .
                "<br>" ;
            echo "<b>Objective: </b> " . 552
                $data->objective . "<br>";
            echo "<b>Benefit: </b> " . 553
                $data->benefit . "<br>";
            echo "<b>Budget: </b> Php " .
                number_format($data->budget)
                . "<br>" ;
            echo "<b>Total Votes: </b> " .
                $data->proposal_votes . "<br>";

            $total_budget += $data->budget;
        }
    }
    $english_format_total_budget =
        number_format($total_budget);
    echo "<br><h2>Total Budget: Php ".
        $english_format_total_budget .
        "</h2>";
    echo "<div align= right> <a href=" .
        base_url().
        "barangay_officer/proposals/submit_to_project/$num_votes
        </div><br>"; //solution for this
    echo "<div align= right><i>NOTE: Upon
        submitting, these projects will be
        FINAL and be submitted to the
        Sangguniang Barangay.<br>All
        barangay members, both citizens
        and barangay officers, will also
        be notified about
        this.<br></i></div>";
    echo "<br><br>";
    echo "<a href=" . base_url().
        "barangay_officer/proposals/announce_top_proposals
        > < Back to Announcement of Top
        Proposals </a><br> ";

    $this->load->view('/includes/footer');
}

public function
    submit_to_project($num_votes){
    $this->load->helper(array('url','html'));
    $this->load->model('model_proposals');
    $this->load->library('session');

    $total_budget = 0;
    $barangay_code =
        $this->session->userdata('barangay_code');

    $this->load->view('/includes/header');
    $sql = "SELECT * FROM Proposal WHERE
        barangay_code = $barangay_code AND
        year(date_time) = year(curdate())
        ORDER BY proposal_votes DESC LIMIT
        $num_votes";
    $exec = $this->db->query($sql);

    $projects = [];
    $i = 0;

    if ($num_votes == 1){
        echo " <h2>Success! You have
            successfully submitted ".
            $num_votes ." Project Proposal.
            </h2>";}
    else {echo " <h2>Success! You have
        successfully submitted ".
        $num_votes ." Project Proposals.
        </h2>";}
    echo "This will be submitted to the
        <b>Sangguniang Barangay</b>
        officer for further checking of
        the budget. <br>";
    echo "Citizens in your barangay will
        also be notified about the project
        submissions. <br>";
    echo "Here are the information about
        the projects that will be
        implemented for your barangay:

```

```

554         <br>";
555     if ($exec->num_rows() > 0){
556         foreach($exec->result() as $data){
557             $projects[$i]['proposal_id'] =
558                 $data->proposal_id;
559             $projects[$i]['project_name'] =
560                 $data->proposal_name;
561             $projects[$i]['description'] =
562                 $data->description;
563             $projects[$i]['objective'] =
564                 $data->objective;
565             $projects[$i]['benefit'] =
566                 $data->benefit;
567             $projects[$i]['approver'] =
568                 $this->session->userdata('username');
569             $projects[$i]['barangay_code'] =
570                 $data->barangay_code;
571             $projects[$i]['user_id'] =
572                 $data->user_id;
573             $projects[$i]['budget'] =
574                 $data->budget;
575             $projects[$i]['date_approved'] =
576                 date('Y-m-d H:i:s');
577             $i++;
578             echo "<h1> "
579                 . $data->proposal_name.
580                 "</h1>";
581             echo "<b>Problem Statement: </b>"
582                 . $data->description .
583                 "<br>";
584             echo "<b>Objective: </b>" .
585                 $data->objective . "<br>";
586             echo "<b>Benefit: </b>" .
587                 $data->benefit. "<br>";
588             echo "<b>Budget: </b> Php " .
589                 number_format($data->budget)
590                 . "<br>";
591             echo "<b>Total Votes: </b> " .
592                 $data->proposal_votes . "<br>";
593
594             $total_budget += $data->budget;
595         }
596     }
597     $english_format_total_budget =
598         number_format($total_budget);
599     echo "<br><h2>Total Budget: Php ".
600         $english_format_total_budget .
601         "</h2>";
602     $this->db->insert_batch('Project',
603         $projects);
604     echo "<a href=" . base_url().
605         "barangay_officer/proposals/ > <
606         Back to Proposals </a><br> ";
607
608     $this->load->view('/includes/footer');
609 }
610 }
611 ?>

```

Listing
barangay_officer/proposals.php

```

1 <?php
2 class Proposals extends CI_controller{
3     public function construct(){
4         parent::__construct();

```

```

5         $this->load->helper(array('url','html'));
6     }
7
8     public function index(){
9         $this->load->helper(array('html','url'));
10        $this->load->model('model_users');
11        $this->load->model('model_proposals');
12        $this->load->model('model_barangays');
13        $this->load->model('model_projects');
14        $this->load->view('/includes/header');
15        date_default_timezone_set('Asia/Manila');
16
17        if ($this->session->userdata('type') ==
18            "Barangay Officer"){
19            $this->load->helper('html');
20
21            $userID =
22                $this->session->userdata('user_id');
23            $userName =
24                $this->session->userdata('username');
25            $userBrgy =
26                $this->session->userdata('barangay_code');
27            $lastLogin =
28                $this->session->userdata('last_login');
29            $newCount = 0;
30            $swcCount = 0;
31
32            $userdata['users'] =
33                $this->model_users->get($userID);
34            $currDate = date('Y-m-d H:i:s');
35
36            $dates =
37                $this->model_proposals->get_unapproved_date($userB
38            $dates2 =
39                $this->model_proposals->get_approvedwc_date($userB
40                //repeat
41
42            $proposalswc =
43                $this->model_proposals->get_all_approvedwc_brgy($u
44            $brgyVotingPeriodEnd =
45                $this->model_barangays->get_voting_period_end($use
46            $projectsExist =
47                $this->model_projects->get_barangay_project_count(
48
49            foreach ($dates as $date){
50                $dateTime1 = new
51                    DateTime($lastLogin);
52                $dateTime2 = new
53                    DateTime($date->date_time);
54                if ($dateTime2 > $dateTime1) {
55                    $newCount++;
56                }
57            }
58
59            foreach ($proposalswc as $proposal){
60                if ( (($proposal->date_time >
61                    $lastLogin)||$proposal->last_edit
62                    != $userName) &&
63                    ($proposal->status ==
64                    "approved with comment") &&
65                    ($proposal->approver ==
66                    $this->session->userdata('username'))
67                ){
68                    $swcCount++;
69                }
70            }
71        }

```

21:

```

57     if ($newCount == 0) {
58         echo "<center><div
                    border=2px><h1>Announcement</h1>";
59         echo "No new proposals since
                    your last login.
                    <br></div></center></div>";
60     }
61
62     else if ($newCount == 1) {
63         echo "<title> (1) iBudgetMo
                    </title>";
64         echo
                    "<center><h1>Announcement</h1>";
65         echo "<font color=f06060>There
                    is one new unapproved
                    proposal since your last
                    login.</font> <a href=" .
                    site_url('/barangay_officer/proposals/view_new_proposals') .
                    "> View new
                    proposals</a><br></center>";
66     }
67
68     else if ($newCount > 1){
69         echo "<title> (" . $newCount . ")
                    iBudgetMo </title>";
70         echo
                    "<center><h1>Announcement</h1>";
71         echo "<font color=f06060>There
                    are " . $newCount . " new
                    unapproved proposals since
                    your last login.</font> <a
                    href=" .
                    site_url('/barangay_officer/proposals/view_new_proposals') .
                    "> View new
                    proposals</a><br></center>";
72     }
73
74     if ($wcCount == 1){
75         echo "<title> (" . ($newCount +
                    $wcCount) . ") iBudgetMo
                    </title>";
76         echo "<center><font
                    color=f06060>There is one
                    new proposal resubmitted
                    to you.</font> <a href=" .
                    site_url('/barangay_officer/proposals/view_my_approved_proposals') .
                    "> View resubmitted
                    proposals</a> </center>";
77     }
78
79     else if ($wcCount > 1) {
80         echo "<title> (" . ($newCount +
                    $wcCount). ") iBudgetMo
                    </title>";
81         echo "<center><font
                    color=f06060>There are ".
                    $wcCount . " new proposals
                    resubmitted to you.</font>
                    <a href=" .
                    site_url('/barangay_officer/proposals/view_my_approved_proposals') .
                    "> View resubmitted
                    proposals</a> </center>";
82     }
83
84     if (($currDate >
                    $brgyVotingPeriodEnd) &&
                    ($projectsExist == 0)){
85         echo "<center>Your barangay
                    voting period has already
                    ended. You may now announce
                    the top project proposals. <a
                    href=" .
                    site_url('/barangay_officer/proposals/announce_top_proposals') .
                    "> Announce top
                    proposals</a><br> </center>";
                    }
                    else if (($currDate >
                    $brgyVotingPeriodEnd) &&
                    ($projectsExist > 0)) {
86         echo "<center>Top proposals in
                    barangay are already
                    finalized. <a href=" .
                    (site_url('barangay_officer/projects/view_barangay_projects') .
                    $userBrgy . "> Click
                    here to view</center><br>";
                    }
                    }
                    $this->load->view('/barangay_officer/vProposals.php');
                    }
                    else {
87         echo "<h1>You are not allowed to
                    access this page!</h1>";
88         echo "Back";
89     }
90 }
91
92 public function view_barangay_proposals(){
93     $this->load->helper(array('html',
94         'url'));
95     $this->load->model('model_users');
96     $this->load->model('model_proposals');
97     $userID =
98         $this->session->userdata('user_id');
99     $userBrgy =
100         $this->session->userdata('barangay_code');
101     $userdata['users'] =
102         $this->model_users->get($userID);
103     $proposaldata['proposals'] =
104         $this->model_proposals->get_all_barangay_proposals($userBrgy);
105     $this->load->view('/includes/header');
106     if($this->session->userdata('type')
107         == 'barangay_officer'){
108         $this->load->view('/barangay_officer/vView_Barangay_Proposals.php');
109     }
110     $this->load->view('/includes/footer');
111 }
112
113 else {
114     echo "<h1>You are not allowed to
115         access this page!</h1>";
116     echo "Back";
117 }
118 }
119
120 public function view_all_proposals(){
121     $this->load->helper(array('html',
122         'url'));
123     $this->load->model('model_users');
124     $this->load->model('model_proposals');
125     $userID =
126         $this->session->userdata('user_id');
127     $userBrgy =
128         $this->session->userdata('barangay_code');
129     $userdata['users'] =
130         $this->model_users->get($userID);
131     $proposaldata['proposals'] =
132         $this->model_proposals->get_all_proposals();
133 }

```

```

136                                     $proposaldata);
137 $this->load->view('/includes/header'); 188                                     $this->load->view('/includes/footer');
138     if($this->session->userdata('type') 189     }
139         == "Barangay Officer"){ 190
140                                     $this->load->view('/barangay_officer/vView_All_Proposals');
141                                     $proposaldata); 191     else {
142                                     $this->load->view('/includes/footer'); 192     }
143     } 193
144     else { 194
145         echo "<h1>You are not allowed to 195     }
146         access this page!</h1>"; 196     public function
147         echo "Back"; 197         view_unapproved_proposals(){
148     } //view_all 198     $this->load->helper(array('html',
149     public function view_new_proposals(){ 199         'url'));
150     $this->load->helper(array('html', 200     $this->load->model('model_users');
151         'url')); 201     $this->load->model('model_proposals');
152     $this->load->model('model_users'); 202     $userID =
153     $this->load->model('model_proposals'); 203     $this->session->userdata('user_id');
154     $this->load->view('/includes/header'); 204     $userBrgy =
155     if($this->session->userdata('type') == 205     $this->session->userdata('barangay_code');
156         "Barangay Officer"){ 206     $userdata['users'] =
157         $userID = 207     $this->model_users->get($userID);
158         $this->session->userdata('user_id'); 208     $proposaldata['proposals'] =
159         $userBrgy = 209     $this->model_proposals->get_all_unapproved_brgy($userBrgy);
160         $this->session->userdata('barangay_code'); 210     $this->load->view('/includes/header');
161         $lastLogin = 211     if($this->session->userdata('type')
162         $this->session->userdata('last_login?'); 212         == "Barangay Officer"){
163         $newCount = 0; 213     $this->load->view('/barangay_officer/vView_Barangay_
164     $userdata['users'] = 214     $proposaldata);
165     $this->model_users->get($userID); 215     $this->load->view('/includes/footer');
166     $dates = 216     }
167     $this->model_proposals->get_unapproved_date($userBrgy); 217     else {
168     $proposaldata['proposals'] = 218     $this->load->view('vNo_Access');
169     $this->model_proposals->get_new_proposals($userBrgy, 219     }
170     $lastLogin); 220     public function
171     $this->load->view('/barangay_officer/vView_New_Proposals'); 221     view_my_approvedwc_proposals(){
172     $proposaldata); 222     $this->load->helper(array('html',
173     $this->load->view('/includes/footer'); 223     'url'));
174     } 224     $this->load->model('model_users');
175     else { 225     $this->load->model('model_proposals');
176         echo "<h1>You are not allowed to 226
177         access this page!</h1>"; 227     $userID =
178         echo "Back"; 228     $this->session->userdata('user_id');
179     } 229     $username =
180     } 230     $this->session->userdata('username');
181     } 231     $userBrgy =
182     } 232     $this->session->userdata('barangay_code');
183     public function 233     $userdata['users'] =
184     view_my_approved_proposals(){ 234     $this->model_users->get($userID);
185     $this->load->helper(array('html', 235     $proposaldata['proposals'] =
186         'url')); 236     $this->model_proposals->get_approvedwc_by_me($userBrgy,
187     $this->load->model('model_users'); 237     $username);
188     $this->load->model('model_proposals'); 238
189     $this->load->view('/includes/header'); 239     $this->load->view('/includes/header');
190     if($this->session->userdata('type') == 240     if($this->session->userdata('type')
191         "Barangay Officer"){ 241         == "Barangay Officer"){
192         $userID = 242     $this->load->view('/barangay_officer/vView_ApprovedW
193         $this->session->userdata('user_id'); 243     $proposaldata);
194         $userName = 244     $this->load->view('/includes/footer');
195         $this->session->userdata('username'); 245     }
196         $userBrgy = 246     else {
197         $this->session->userdata('barangay_code'); 247     $this->load->view('vNo_Access');
198     } 248     }
199     $proposaldata['proposals'] = 249
200     $this->model_proposals->get_approved_by_me($userName); 250
201     $this->load->view('/barangay_officer/vView_My_Approved_Proposals'); 251
202     $this->load->view('/barangay_officer/vView_My_Approved_Proposal'); 252

```

```

242     $this->load->helper(array('url', 'html')); 295         if ($this->form_validation->run() ==
243     $this->load->model('model_proposals');      FALSE){
244                                                     296             $this->load->view('/includes/header');
245     $data['proposals'] =                          297             $this->load->view('/barangay_officer/vEdit_Proposal',
246     $this->model_proposals->get_proposal($id);    $data);
247     $data['budget_plan'] =                        298             $this->load->view('/includes/footer');
248     $this->model_proposals->get_proposal_budget_ 300         else {
249     $this->load->view('/includes/header');          301             $this->edit_proposal_submit($id);
250     $this->load->view('/barangay_officer/vView_P 302         }
251     $data);                                       303     }
252     $this->load->view('/includes/footer');          304     }
253 }                                                 305     else {
254 public function                                  306     $this->load->view('includes/header');
255     view_budget_proposal($proposal_id){          307     $this->load->view('vNo_Access');
256     date_default_timezone_set('Asia/Manila');  308     $this->load->view('includes/footer');
257     $this->load->helper(array('url', 'html'));  309     }
258     $this->load->library('session');              310 }
259     $this->load->library('form_validation');      311 public function edit_proposal_submit($id){
260     $this->load->model('model_proposals');        312     $this->load->library('session');
261     $data['proposal'] =                          313     date_default_timezone_set('Asia/Manila');
262     $this->model_proposals->get($proposal_id);    314     echo "<font color=ffffff size=1px>";
263     $data['budget_plan'] =                       315     var_dump($this->input->post());
264     $this->model_proposals->get_proposal_budget_ 316     echo "</font>";
265     $plan($proposal_id);                          317 }
266     $data = array(                                318     'proposal_category' =>
267     $data);                                       319     $this->input->post('proposal_category'),
268     'description' =>
269     $this->input->post('description'),
270     'comments' =>
271     $this->input->post('comments'),
272     'approver' =>
273     $this->session->userdata('username'),
274     'objective' =>
275     $this->input->post('objective'),
276     'benefit' =>
277     $this->input->post('benefit'),
278     'status' =>
279     $this->input->post('status'),
280     'last_edit' =>
281     $this->session->userdata('username'),
282     'date_time' => date('Y-m-d H:i:s')
283     );
284     $this->load->helper(array('url', 'html'));    324     $this->load->helper(array('url', 'html'));
285     $this->load->model('model_proposals');        325     $this->load->model('model_proposals');
286     $this->model_proposals->update_proposal($id,  326     $this->model_proposals->update_proposal($id,
287     $data);                                       327     $data);
288     if ($this->input->post() == TRUE) {          328     if ($this->input->post() == TRUE) {
289     $this->load->view('/includes/header');        329     $this->load->view('/includes/header');
290     $this->load->view('/barangay_officer/vSuccess_Edit_Proposal',  330     $this->load->view('/barangay_officer/vSuccess_Edit_Proposal',
291     $data);                                       331     $data);
292     $this->load->view('/includes/footer');        332     $this->load->view('/includes/footer');
293 }                                                 333 }
294 public function category_check($category){      334 public function category_check($category){
295     if ($category == "0"){                       335     if ($category == "0"){
296     $this->form_validation->set_message('category_check',  336     $this->form_validation->set_message('category_check',
297     'You must pick a category                    337     'You must pick a category
298     from the drop-down menu.');
```

```

355     'status' => "approved",
356     'approver' =>
357         $this->session->userdata('username')
358     );
359     $this->model_proposals->update_proposal($id,
360         $proposaldata);
361     $this->load->view('/includes/header');
362     $this->load->view('barangay_officer/vSuccess_Approve');
363     //not yet created
364     $this->load->view('/includes/footer');
365 }
366 public function approve_proposal($id){
367     $this->load->helper(array('html',
368         'url'));
369     $this->load->library('session');
370     $this->load->model('model_users');
371     $this->load->model('model_proposals');
372     date_default_timezone_set('Asia/Manila');
373     $userID =
374         $this->session->userdata('user_id');
375     $userName =
376         $this->session->userdata('username');
377     $userBrgy =
378         $this->session->userdata('barangay_code');
379     $proposaldata = array(
380         'date_time' => date('Y-m-d H:i:s'),
381         'status' =>
382             $this->input->post('status'),
383         'comments' =>
384             $this->input->post('comments'),
385         'approver' =>
386             $this->session->userdata('username')
387     );
388     $this->model_proposals->update_proposal($id,
389         $proposaldata);
390     $this->load->view('/includes/header');
391     $this->load->view('/barangay_officer/vApprove_Proposal');
392     //DNE yet
393 }
394 public function
395     approve_proposal_submit($id){
396     $this->load->helper(array('html',
397         'url'));
398     $this->load->library('session');
399     $this->load->model('model_proposals');
400     $this->model_proposals->update_proposal($id,
401         $proposaldata);
402 }
403 public function
404     approve_wc_proposal_submit($proposal_id,
405         $comment){
406     $this->load->helper(array('html',
407         'url'));
408     $this->load->model('model_proposals');
409     $this->load->library('session');
410 }
411 }
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999 }
1000 }

```



```

533 public function
      submit_to_project($num_votes){
534 $this->load->helper(array('url','html'));
535 $this->load->model('model_proposals');
536 $this->load->library('session');
537
538 $total_budget = 0;
539 $barangay_code =
      $this->session->userdata('barangay_code');
540
541 $this->load->view('/includes/header');
542 $sql = "SELECT * FROM Proposal WHERE
      barangay_code = $barangay_code AND
      year(date_time) = year(curdate())
      ORDER BY proposal_votes DESC LIMIT
      $num_votes";
543 $exec = $this->db->query($sql);
544
545 $projects = [];
546 $i = 0;
547
548 if ($num_votes == 1){
549     echo " <h2>Success! You have
      successfully submitted ".
      $num_votes ." Project Proposal.
      </h2>";}
550 else {echo " <h2>Success! You have
      successfully submitted ".
      $num_votes ." Project Proposals.
      </h2>";}
551 echo "This will be submitted to the
      <b>Sangguniang Barangay</b>
      officer for further checking of
      the budget. <br>";
552 echo "Citizens in your barangay will
      also be notified about the project
      submissions. <br>";
553 echo "Here are the information about
      the projects that will be
      implemented for your barangay:
      <br>";
554
555 if ($exec->num_rows() > 0){
556     foreach($exec->result() as $data){
557         $projects[$i]['proposal_id'] =
            $data->proposal_id;
558         $projects[$i]['project_name'] =
            $data->proposal_name;
559         $projects[$i]['description'] =
            $data->description;
560         $projects[$i]['objective'] =
            $data->objective;
561         $projects[$i]['benefit'] =
            $data->benefit;
562         $projects[$i]['approver'] =
            $this->session->userdata('username');
563         $projects[$i]['barangay_code'] =
            $data->barangay_code;
564         $projects[$i]['user_id'] =
            $data->user_id;
565         $projects[$i]['budget'] =
            $data->budget;
566         $projects[$i]['date_approved'] =
            date('Y-m-d H:i:s');
567         $i++;
568
569         echo "<h1> "
            . $data->proposal_name.
            "</h1>";
570         echo "<b>Problem Statement: </b>
            " . $data->description .
            "<br>" ;
571         echo "<b>Objective: </b>" .

```

```

      $data->objective . "<br>";
      echo "<b>Benefit: </b>" .
      $data->benefit. "<br>";
      echo "<b>Budget: </b> Php " .
      number_format($data->budget)
      . "<br>" ;
      echo "<b>Total Votes: </b> ".
      $data->proposal_votes ."<br>";

      $total_budget += $data->budget;
      }
    }
    $english_format_total_budget =
      number_format($total_budget);
    echo "<br><h2>Total Budget: Php ".
      $english_format_total_budget .
      "</h2>";
    $this->db->insert_batch('Project',
      $projects);
    echo "<a href=" . base_url().
      "barangay_officer/proposals/ > <
      Back to Proposals </a><br> ";

    $this->load->view('/includes/footer');
  }
}
?>

```

Listing 22:
barangay_officer/proposals.php

```

1 <?php
2
3 class Set_Voting_Period extends
  CI_Controller{
4
5 public function index(){
6     $this->load->helper(array('html',
7     'url'));
8     $this->load->model('model_barangays');
9     $this->load->library('session');
10
11     $userID =
12     $this->session->userdata('user_id');
13     $userBrgy =
14     $this->session->userdata('barangay_code');
15     $data['barangay_code'] = $userBrgy;
16
17     date_default_timezone_set('Asia/Manila');
18     $currDate = date("Y-m-d H:i:s");
19     $currYear = date("Y");
20
21     $startDate =
22     $this->model_barangays->get_voting_period_start($userBrgy);
23     $endDate =
24     $this->model_barangays->get_voting_period_end($userBrgy);
25
26     if (((($startDate == NULL) && ($endDate
27     == NULL)) || ($startDate ==
28     '0000-00-00 00:00:00') ||
29     ($endDate == '0000-00-00
30     00:00:00'))){
31         $this->form_validation->set_rules('start_date',
32         'Start Date',
33         'required|callback_compare_dates|callback_date_
34         $this->form_validation->set_rules('end_date',
35         'End Date',

```



```

121
122     if ($endDate > $startDate)
123         return true;
124     else {
125         $this->form_validation->set_message('compare_dates',
126             '%s should be later than start
127             date. ');
128     }
129 }
130 public function date_valid($date){
131     $year = (int) substr($date, 0, 4);
132     $month = (int) substr($date, 5, 3);
133     $day = (int) substr($date, 8, 2);
134     checkdate($month, $day, $year);
135
136     if (checkdate($month, $day, $year) ==
137         TRUE) {
138         return TRUE;
139     }
140     else {
141         $this->form_validation->set_message('date_valid',
142             'Please enter a valid date. ');
143         return FALSE;
144     }
145 }
146 }

```

Listing 23: barangay_officer/set_voting_period.php

```

1 <?php
2 class Accounts extends CI_Controller{
3     public function index(){
4         $this->load->helper('url');
5         $this->load->helper('html');
6         $this->load->model('model_users');
7
8         $this->load->view('/includes/header');
9         $this->load->view('/citizen/vAccounts.php');
10        $this->load->view('/includes/footer');
11
12    }
13
14 }
15 ?>

```

Listing 24: citizen/accounts.php

```

1 <?php
2 class Create_Proposal extends CI_Controller{
3     public function construct(){
4         parent::__construct();
5         $this->load->helper(array('url', 'html'));
6     }
7
8     public function index(){
9         $this->load->helper(array('html', 'url'));
10        $this->load->model('model_users');
11        $this->load->model('model_proposals');
12        $this->load->library('form_validation');
13        $this->load->view('/includes/header');
14
15        $userID =
16            $this->session->userdata('user_id');
17        $userdata['users'] =
18            $this->model_users->get($userID);
19
20        if ($this->session->userdata('type') ==

```

```

"Citizen"){
19
20        $rules = array(
21            "proposal_name" => array("field" =>
22                "proposal_name",
23                "label" => "Proposal
24                Name",
25                "rules" =>
26                    "required|max_length[50]|min_length[10]"),
27            "description" => array("field" =>
28                "description",
29                "label" => "Problem
30                Statement",
31                "rules" =>
32                    "required|min_length[10]|max_length[100]"),
33            "category" => array("field" =>
34                "proposal_category",
35                "label" => "Category",
36                "rules" =>
37                    "callback_category_check",
38                ),
39            "objective" => array("field" =>
40                "objective",
41                "label" => "Objective",
42                "rules" =>
43                    "required|min_length[10]|max_length[100]"),
44            "benefit" => array (
45                "field" => "benefit",
46                "label" => "Benefit",
47                "rules" =>
48                    "required|min_length[10]|max_length[100]"),
49        );
50
51        $this->form_validation->set_rules($rules);
52        $this->load->helper('html');
53
54        if ($this->form_validation->run() ==
55            FALSE){
56            $userdata['users'] =
57                $this->model_users->get($userID);
58            $this->load->view('/citizen/vCreate_Proposal.php',
59                $userdata);
60            $this->load->view('/includes/footer');
61        }
62        else{
63            $data['user_id'] =
64                $this->session->userdata('user_id');
65            $data['barangay_code'] =
66                $this->session->userdata('barangay_code');
67            date_default_timezone_set('Asia/Manila');
68            $data['date_time'] = date('Y-m-d
69                H:i:s');
70            $data['proposal_name'] =
71                $this->input->post('proposal_name');
72            $data['proposal_category'] =
73                $this->input->post('proposal_category');
74            $data['description'] =
75                $this->input->post('description');
76            $data['objective'] =
77                $this->input->post('objective');
78            $data['benefit'] =
79                $this->input->post('benefit');
80            $data['last_edit'] =
81                $this->session->userdata('username');

```

```

68     $data['proposal_votes'] = 0;
69     $data['status'] = 'not approved';
70     $data['comments'] = "";
71
72     $proposal =
73         $this->model_proposals->create_proposal($data);
74     $this->load->view('/citizen/vCreate_Proposal_Success.php',
75         $proposal);
76 }
77
78 else {
79     $this->load->view('/includes/header');
80     $this->load->view('vNo_Access');
81 }
82 }
83
84 public function category_check($category){
85     if ($category == "0"){
86         $this->form_validation->set_message('category',
87             'You must pick a category
88             from the drop-down menu.');
```

Listing 25:
citizen/create_proposal.php

```

1 <?php
2
3 class Dashboard extends CI_Controller{
4     public function index(){
5         $this->load->helper('url');
6         $this->load->helper('html');
7         $this->load->library('session');
8
9         $this->load->model('model_users');
10        $this->load->model('model_proposals');
11        $this->load->model('model_projects');
12        $this->load->model('model_barangays');
13
14        if ($this->session->userdata('type') ==
15            "Citizen"){
16            $this->load->helper('html');
17            $this->load->view('/includes/header');
18            $this->load->view('/citizen/vDashboard.php');
19            $this->load->view('/includes/footer');
20        }
21        else {
22            $this->load->helper('html');
23            $this->load->view('/includes/header');
24            $this->load->view('vNo_Access');
25            $this->load->view('includes/footer');
26        }
27    }
28 }
29 ?>
```

Listing 26: citizen/dashboard.php

```

1 <?php
2 class Projects extends CI_Controller{
```

```

3     public function index(){
4         $this->load->helper(array('url','html'));
5         $this->load->library('session');
6         $this->load->model('model_projects');
7
8         $this->session->userdata('barangay_code');
9         $data['barangay_code'] =
10            $this->session->userdata('barangay_code');
11        $data['projects'] =
12            $this->model_projects->get_evaluation_date($barangay_code);
13        $data['num_projects'] =
14            $this->model_projects->get_num_evaluated($barangay_code);
15
16        $this->load->view('includes/header');
17        $this->load->view('citizen/vProjects',
18            $data);
19        $this->load->view('includes/footer');
20    }
21
22 public function
23     view_barangay_projects($barangay_code){
24         $this->load->helper(array('url','html'));
25         $this->load->library('session');
26         $this->load->model('model_projects');
27
28         $data['projects'] =
29             $this->model_projects->get_barangay_project($barangay_code);
30         $data['projects_count'] =
31             $this->model_projects->get_barangay_project_count($barangay_code);
32         $data['barangay_choice'] =
33             $barangay_code;
34
35         $this->load->view('includes/header');
36         $this->load->view('vProjects_Navigation');
37         $this->load->view('citizen/vView_Barangay_Projects',
38             $data);
39         $this->load->view('includes/footer');
40    }
41
42 public function
43     view_budget_plan($project_id){
44         date_default_timezone_set('Asia/Manila');
45         $this->load->helper(array('url','html'));
46         $this->load->library('session');
47         $this->load->library('form_validation');
48         $this->load->model('model_projects');
49
50         $data['project'] =
51             $this->model_projects->get($project_id);
52         $data['budget_plan'] =
53             $this->model_projects->get_project_budget_plan($project_id);
54
55         $this->load->view('/includes/header');
56         $this->load->view('vView_Budget_Plan',
57             $data);
58         $this->load->view('includes/footer');
59    }
60
61 public function
62     view_action_plan($project_id){
63         date_default_timezone_set('Asia/Manila');
64         $this->load->helper(array('url','html'));
65         $this->load->library('session');
66         $this->load->library('form_validation');
67         $this->load->model('model_projects');
68
69         $data['project'] =
70             $this->model_projects->get($project_id);
71         $data['action_plan'] =
72             $this->model_projects->get_action_plan($project_id);
```

```

59                                     112                                     'action_id' =>
60 $userBrgy =                                     $action_id[$i],
                                     $this->session->userdata('barangay_code');
61 $actionPlanExists =                                     114                                     'rate' => $rate[$i],
                                     $this->model_projects->get_action_plan_count($project_id);                                     'remarks' =>
62                                     115                                     $remarks[$i],
63 $this->load->view('/includes/header');                                     116                                     );
64 if ($actionPlanExists > 0){                                     117
65     $this->load->view('/vView_Action_Plan', 118                                     if
66     $data);                                     ($action_plan_post['rate']
67 }                                     != NULL){
68 else {                                     119                                     $this->model_projects->set_action_rate($
69 echo "<h1>There is no action plan for                                     $action_plan_post);
70 this project yet. </h1>";                                     }
71 echo "<a href=" .                                     121                                     if ($rate[$i] == 1){
72     site_url('/citizen/projects/view_barangay_projects/'                                     $total_rating++;
73     . $userBrgy) ."> < Back to Brgy.                                     }
74     Projects</a>";                                     124
75 echo "<br><br><br>";                                     125
76 }                                     126
77 $this->load->view('/includes/footer');                                     127
78 }                                     128
79 }                                     $save_rating =
80 public function rate_project($project_id){                                     129                                     $total_rating/$num_rows;
81     date_default_timezone_set('Asia/Manila');                                     131                                     $data_rating = array(
82     $this->load->helper(array('url', 'html'));                                     132                                     'rating' => $save_rating,
83     $this->load->library('session');                                     133                                     );
84     $this->load->library('form_validation');                                     134                                     if ($save_rating != 0){
85     $this->load->model('model_projects');                                     135                                     $this->model_projects->set_project_details($pro
86                                     $data_rating);
87     $data['project'] =                                     136                                     }
88     $this->model_projects->get($project_id);                                     137                                     echo "<h1>Successfully updated
89     $data['action_plan'] =                                     138                                     rating.</h1>";
90     $this->model_projects->get_action_plan($project_id);                                     139                                     echo "<a href=" .
91     $userBrgy =                                     140                                     site_url('/citizen/projects/view_barangay_proje
92     $this->session->userdata('barangay_code');                                     141                                     . $userBrgy) ."> < Back to
93     $userID =                                     142                                     Brgy. Projects</a>";
94     $this->session->userdata('user_id');                                     143                                     }
95     $userProj =                                     144                                     }
96     $this->model_projects->get_user($project_id);                                     145                                     else {
97     $actionPlanExists =                                     146                                     echo "<h1>Only the user who
98     $this->model_projects->get_action_plan_count($project_id);                                     147                                     proposed the project may
99     $actionPlanCount =                                     148                                     rate. </h1>";
100     $this->model_projects->get_action_plan_count($project_id);                                     149                                     echo "<a href=" .
101     $this->form_validation->set_rules('rate', 150                                     'Rate', 'required');                                     151                                     site_url('/citizen/projects/view_barangay_pro
102     $this->load->view('/includes/header');                                     152                                     . $userBrgy) ."> < Back to
103     if ($actionPlanExists > 0){                                     153                                     Brgy. Projects</a>";
104         if ($userID == $userProj) {                                     154                                     echo "<br><br><br>";
105             if ($this->form_validation->run()                                     155                                     }
106                 == FALSE){                                     156                                     }
107                 $this->load->view('/citizen/vRate_Project',                                     157                                     else {
108                 $data);                                     158                                     echo "<h1>There is no action
109             }                                     159                                     plan for this project yet.
110         }                                     160                                     </h1>";
111         else {                                     161                                     echo "<a href=" .
112             $rate = $_POST['rate'];                                     162                                     site_url('/citizen/projects/view_barangay_pro
113             $action_id =                                     163                                     . $userBrgy) ."> < Back to
114                 $_POST['action_id'];                                     Brgy. Projects</a>";
115             $remarks =                                     echo "<br><br><br>";
116                 $this->input->post('remarks');                                     }
117             $num_rows = $actionPlanCount;                                     $this->load->view('/includes/footer');
118             $total_rating = 0;                                     }
119             $save_rating = 0;                                     public function view_project($project_id){
120         for($i=1; $i < $num_rows+1;                                     $this->load->helper(array('url', 'html'));
121             $i++) {                                     $this->load->library('session');
122             $action_plan_post = array(                                     $this->load->library('googlemaps');

```

```

164 $this->load->model('model_proposals'); 203 $marker['icon'] =
165 $this->load->model('model_projects'); 204 site_url('/assets/images/marker02.png');
166 204 $marker['infowindow_content'] =
167 " <b>" .
168 $proposal_id = $project->project_name .
    $this->model_projects->get_proposal_id($project_id); "</b><br>" .
169 $project->address . "<br>"
170 $data['projects'] = Barangay " .
    $this->model_projects->get_project($project_id); $project->barangay_code .
171 $data['budget_proposal'] = "<br> Rating: ";
    $this->model_projects->get_project_budget_plan($project_id);
173 $data['action_plan'] = 206 else if (($project->rating >= 0.40)
    $this->model_projects->get_action_plan($project_id); && ($project->rating < 0.59)){
174 207 $marker['icon'] =
175 $addressExists = site_url('/assets/images/marker03.png');
    $this->model_projects->get_address($project_id); $marker['infowindow_content'] =
176 " <b>" .
177 $projects = $project->project_name .
    $this->model_projects->get_project($project_id); "</b><br>" .
178 $project->address . "<br>"
179 $config['center'] = '14.747535, Barangay " .
    121.05357619999995'; $project->barangay_code .
180 // $config['center'] = 'Caloocan City, "<br> Rating: ";
182 $config['zoom'] = 'auto'; 209 }
183 $config['region'] = 'PH'; 210 }
184 $config['$placesLocation'] = 211 else if (($project->rating >= 0.60)
    '14.747535, 121.05357619999995'; && ($project->rating < 0.79)){
185 $config['$placesAutocompleteBoundSW'] = 212 $marker['icon'] =
    '14.742881, 121.046298'; site_url('/assets/images/marker04.png');
186 $config['$placesAutocompleteBoundNE'] = 213 $marker['infowindow_content'] =
    '14.756867, 121.053615'; " <b>" .
187 $this->googlemaps->initialize($config); $project->project_name .
188 "</b><br>" .
189 $project->address . "<br>"
190 foreach ($projects as $project){ Barangay " .
191 $project->barangay_code .
192 $marker = array(); "<br> Rating: ";
194 if ($project->rating == 0) { 214 }
195 $marker['icon'] = 215 else if (($project->rating >= .80)
    site_url('/assets/images/marker01.png'); && ($project->rating <= 1.0)){
196 $marker['infowindow_content'] = $marker['icon'] =
    " <b>" . site_url('/assets/images/marker05.png');
    $project->project_name . $marker['infowindow_content'] =
197 "</b><br>" . " <b>" .
    $project->address . "<br>" $project->project_name .
    Barangay " . "</b><br>" .
    $project->barangay_code . $project->address . "<br>"
    "<br> Rating: 0"; Barangay " .
198 } $project->barangay_code .
199 else if (($project->rating > 0.0) && "<br> Rating: ";
201 $marker['infowindow_content'] = 220 if (($project->latitude != 0.00) &&
    " <b>" . ($project->longitude != 0.00)){
    $project->project_name . 221 $this->googlemaps->add_marker($marker);
    "</b><br>" . 222 }
    $project->address . "<br>" 223 }
    Barangay " . 224 }
    $project->barangay_code . 225 }
    "<br> Rating: "; 228
201 } 228 $this->load->view('/includes/header');
202 else if (($project->rating >= 0.20) 229 $this->load->view('/citizen/vView_Project',
    && ($project->rating < 0.39)){ $data);

```

```

230                                     279
231     if (($addressExists != 0) ||      280
        ($addressExists != NULL)){    281
232         $this->load->view('vView_Project_Map',
            $projectdata);
233     }
234     $this->load->view('/includes/footer'); 282
235 }
236
237
238 public function                       283
    view_barangay_projects_map($barangay_code){
239     $this->load->helper(array('url', 'html')); 285
240     $this->load->model('model_proposals');    286
241     $this->load->model('model_barangays');    287
242     $this->load->model('model_users');        288
243     $this->load->model('model_projects');    289
244
245     $this->load->library('session');          291
246     $this->load->library('googlemaps');      292
247
248     $projects =                          294
        $this->model_projects->get_barangay_project($barangay_code);
249     $projects_count =                     296
        $this->model_projects->get_barangay_project_address_count($barangay_code,
        $project->longitude);
250
251     $config['center'] = '14.747535,      297
        121.05357619999995';           298
252     //$config['center'] = 'Caloocan City,  299
        Philippines';
253     $config['places'] = TRUE;             300
254     $config['zoom'] = 'auto';
255     $config['region'] = 'PH';
256     $config['$placesLocation'] =
        '14.747535, 121.05357619999995';
257     $config['$placesAutocompleteBoundSW'] =
        '14.742881, 121.046298';
258     $config['$placesAutocompleteBoundNE'] =
        '14.756867, 121.053615';           301
259
260     $this->googlemaps->initialize($config); 302
261
262     echo "<style>";                       303
263     echo ".column-left{ float: left; width: 304
        50%; }";
264     echo ".column-right{ float: right;    304
        width: 33%; }";
265     echo "</style>";
266
267     echo "<div class=column-left>";
268     echo "<h3>Projects in Barangay      304
        $barangay_code </h3>";
269     if ($projects_count == 0){
270         echo "There are no finalized      305
        projects in this barangay yet.
        <br>Check again next time.
        <br>";
271     }
272     else if ($projects_count == 1){      308
273         echo "There is currently one
        finalized project in this
        barangay.<br>";
274     }
275     else {
276         echo "There are currently " .
        $projects_count . " finalized
        projects in this barangay.<br>";
277         echo "<a href=" .
        site_url('citizen/projects/view_barangay_projects/' .
        $barangay_code) . "> Click here
        </a> to view projects list for
        this barangay. <br>";           310
278                                     311
279     }
        echo "<a href=" .
        site_url('/citizen/projects/view_all_projects_map')
        .">Click here</a> to view the city
        map. <br><br>";
        echo "<a href=" .
        site_url('/citizen/projects/view_barangay_projects/'
        . $barangay_code) .">< Back to
        Barangay Projects Summary </a>";
        echo "</div>";
        echo "<div class=column-right>";
        echo "<br><br>";
        $this->load->view('vMap_Navigation');
        echo "</div>";
        if ($projects_count != 0){
        foreach ($projects as $project){
            $marker['position'] =
            $project->latitude,
            $project->longitude;
            if ($project->rating == 0) {
            $marker['icon'] =
            site_url('/assets/images/marker01.png');
            $marker['infowindow_content'] =
            "<b>" .
            $project->project_name .
            "</b><br>" .
            $project->address . "<br>
            Barangay " .
            $project->barangay_code .
            "<br> Rating: 0";
            }
            else if (($project->rating > 0.0) &&
            ($project->rating < 0.20)){
            $marker['icon'] =
            site_url('/assets/images/marker01.png');
            $marker['infowindow_content'] =
            "<b>" .
            $project->project_name .
            "</b><br>" .
            $project->address . "<br>
            Barangay " .
            $project->barangay_code .
            "<br> Rating: ";
            }
            else if (($project->rating >= 0.20)
            && ($project->rating < 0.39)){
            $marker['icon'] =
            site_url('/assets/images/marker02.png');
            $marker['infowindow_content'] =
            "<b>" .
            $project->project_name .
            "</b><br>" .
            $project->address . "<br>
            Barangay " .
            $project->barangay_code .
            "<br> Rating: ";
            }
            else if (($project->rating >= 0.40)
            && ($project->rating < 0.59)){
            $marker['icon'] =
            site_url('/assets/images/marker03.png');

```

```

312     $marker['infowindow_content'] = 350
        "<b>" . 351
        $project->project_name . 352
        "</b><br>" . 353
        $project->address . "<br>" 354
        Barangay " .
        $project->barangay_code . 355
        "<br> Rating: "; 357
313     } 358
314 } 359
315 else if (($project->rating >= 0.60) 360
    && ($project->rating < 0.79)){ 361
316     $marker['icon'] = 362
        site_url('/assets/images/marker04.png'); 363
317     $marker['infowindow_content'] = 364
        "<b>" . 365
        $project->project_name . 366
        "</b><br>" . 367
        $project->address . "<br>" 368
        Barangay " . 369
        $project->barangay_code . 370
        "<br> Rating: "; 372
318     } 373
319 else if (($project->rating >= .80) 374
    && ($project->rating <= 1.0)){ 375
320     $marker['icon'] = 376
        site_url('/assets/images/marker05.png'); 377
321     $marker['infowindow_content'] = 378
        "<b>" . 379
        $project->project_name . 380
        "</b><br>" . 381
        $project->address . "<br>" 382
        Barangay " . 383
        $project->barangay_code . 384
        "<br> Rating: "; 386
322     } 387
323 } 388
324 if (($project->latitude != 0.00) && 389
    ($project->longitude != 0.00)){ 390
325     $this->googlemaps->add_marker($marker); 391
326 } 392
327 } //foreach 393
328 394
329 $projectdata['map'] = 395
330     $this->googlemaps->create_map(); 396
331     $this->load->view('vView_Map', 397
        $projectdata); 398
332 399
333 } //if not empty 400
334 else { 401
335     echo " "; 402
336 } 403
337 404
338 $this->load->view('/includes/header'); 405
339 $this->load->View('/includes/footer'); 406
340 407
341 } 408
342 409
343 public function 410
344     view_project_map($project_id){ 411
345     $this->load->helper(array('url', 'html')); 412
346     $this->load->model('model_proposals'); 413
347     $this->load->model('model_barangays'); 414
348     $this->load->model('model_users'); 415
349     $this->load->model('model_projects'); 416
350     $this->load->library('session'); 417
351     $this->load->library('googlemaps'); 418
352     $projects = 419
353         $this->model_projects->get_project($project_id); 420
354     $config['center'] = '14.747535, 421
355         121.05357619999995'; 422
356     //$config['center'] = 'Caloocan City, 423
357         Philippines'; 424
358     $config['places'] = TRUE; 425
359     $config['zoom'] = 'auto'; 426
360     $config['region'] = 'PH'; 427
361     $config['$placesLocation'] = 428
362         '14.747535, 121.05357619999995'; 429
363     $config['$placesAutocompleteBoundSW'] = 430
364         '14.742881, 121.046298'; 431
365     $config['$placesAutocompleteBoundNE'] = 432
366         '14.756867, 121.053615'; 433
367     $this->googlemaps->initialize($config); 434
368     foreach ($projects as $project){ 435
369         $marker = array(); 436
370         $marker['position'] = 437
371             "$project->latitude, 438
372             $project->longitude"; 439
373         if ($project->rating == 0) { 440
374             $marker['icon'] = 441
375                 site_url('/assets/images/marker01.png'); 442
376             $marker['infowindow_content'] = 443
377                 "<b>" . 444
378                 $project->project_name . 445
379                 "</b><br>" . 446
380                 $project->address . "<br>" 447
381                 Barangay " . 448
382                 $project->barangay_code . 449
383                 "<br> Rating: 0"; 450
384         } 451
385         else if (($project->rating > 0.0) && 452
            ($project->rating < 0.20)){ 453
386             $marker['icon'] = 454
387                 site_url('/assets/images/marker01.png'); 455
388             $marker['infowindow_content'] = 456
389                 "<b>" . 457
390                 $project->project_name . 458
391                 "</b><br>" . 459
392                 $project->address . "<br>" 460
393                 Barangay " . 461
394                 $project->barangay_code . 462
395                 "<br> Rating: "; 464
398         } 465
399         else if (($project->rating >= 0.20) 466
            && ($project->rating < 0.39)){ 467
400             $marker['icon'] = 468
401                 site_url('/assets/images/marker02.png'); 469
402             $marker['infowindow_content'] = 470
403                 "<b>" . 471
404                 $project->project_name . 472
405                 "</b><br>" . 473
406                 $project->address . "<br>" 474
407                 Barangay " . 475
408                 $project->barangay_code . 476
409                 "<br> Rating: "; 478
412         } 479
413         else if (($project->rating >= 0.40) 480
            && ($project->rating < 0.59)){ 481

```

```

384     $marker['icon'] = 420     $config['center'] = '14.747535,
    site_url('/assets/images/marker03.png'); 121.05357619999995';
385     $marker['infowindow_content'] = 421     //$config['center'] = 'Caloocan City,
    "<b>" . 422     Philippines';
    $project->project_name . 423     $config['places'] = TRUE;
    "</b><br>" . 424     $config['zoom'] = 'auto';
    $project->address . "<br>" 425     $config['region'] = 'PH';
    Barangay " . 426     $config['$placesLocation'] =
    $project->barangay_code . 427     '14.747535, 121.05357619999995';
    "<br> Rating: "; 430     $config['$placesAutocompleteBoundNE'] =
    .">"; 431     '14.756867, 121.053615';
386 } 432
387 } 433
388 else if (($project->rating >= 0.60) 434     $this->googlemaps->initialize($config);
    && ($project->rating < 0.79)){ 435
389     $marker['icon'] = 436     echo "<style>";
    site_url('/assets/images/marker04.png'); 437     echo ".column-left{ float: left; width:
    $marker['infowindow_content'] = 438     50%; }";
    "<b>" . 439     echo ".column-right{ float: right;
    $project->project_name . 440     width: 33%; }";
    "</b><br>" . 441     echo "</style>";
    $project->address . "<br>" 442
    Barangay " . 443     echo "<div class=column-left>";
    $project->barangay_code . 444     echo "<h3>Projects in Caloocan </h3>";
    "<br> Rating: "; 447     projects in this city.<br>";
391 } 448     echo "<a href=" .
392 else if (($project->rating >= .80) 449     site_url('/projects/view_barangay_projects_menu')
    && ($project->rating <= 1.0)){ 450     . ">Click here</a> to view
393     $marker['icon'] = 451     Projects list. <br>";
    site_url('/assets/images/marker05.png'); 452     echo "<a href=" .
394     $marker['infowindow_content'] = 453     site_url('/citizen/projects/')
    "<b>" . 454     . ">< Back to Projects</a>";
    $project->project_name . 455
    "</b><br>" . 456     echo "</div>";
    $project->address . "<br>" 457
    Barangay " . 458     echo "<div class=column-right>";
    $project->barangay_code . 459     echo "<br><br>";
    "<br> Rating: ";
    .">"; 462
395 } 463
396 } 464
397 if (($project->latitude != 0.00) && 465
    ($project->longitude != 0.00)){ 466
398     $this->googlemaps->add_marker($marker); 467
399 } 468
400 } 469
401 } 470
402 $projectdata['map'] = 471
    $this->googlemaps->create_map(); 472
403 $this->load->view('vView_Project_Map', 473
    $projectdata); 474
404 } 475
405 } 476
406 } 477
407 public function view_all_projects_map(){ 478
408     $this->load->helper(array('url', 'html')); 479
409     $this->load->model('model_proposals'); 480
410     $this->load->model('model_barangays'); 481
411     $this->load->model('model_users'); 482
412     $this->load->model('model_projects'); 483
413 } 484
414 $this->load->library('session'); 485
415 $this->load->library('googlemaps'); 486
416 } 487
417 $projects = 488
    $this->model_projects->get_all_projects(); 489
418 $projects_count = 490
    $this->model_projects->get_all_project_address_count(); 491
419 } 492

```

```

463     Barangay " .
464     $project->barangay_code .
465     "<br> Rating: ";
468 }
469 else if (($project->rating >= 0.20)
470 && ($project->rating < 0.39)){
471     $marker['icon'] =
472     site_url('/assets/images/marker02.png');
473     $marker['infowindow_content'] =
474     "<b>" .
475     $project->project_name .
476     "</b><br>" .
477     $project->address . "<br>
478     Barangay " .
479     $project->barangay_code .
480     "<br> Rating: ";
483 }
484 else if (($project->rating >= 0.40)
485 && ($project->rating < 0.59)){
486     $marker['icon'] =
487     site_url('/assets/images/marker03.png');
488     $marker['infowindow_content'] =
489     "<b>" .
490     $project->project_name .
491     "</b><br>" .
492     $project->address . "<br>
493     Barangay " .
494     $project->barangay_code .
495     "<br> Rating: ";
498 }
499 else if (($project->rating >= 0.60)
500 && ($project->rating < 0.79)){
501     $marker['icon'] =
502     site_url('/assets/images/marker04.png');
503     $marker['infowindow_content'] =
504     "<b>" .
505     $project->project_name .
506     "</b><br>" .
507     $project->address . "<br>
508     Barangay " .
509     $project->barangay_code .
510     "<br> Rating: ";
513 }
514 else if (($project->rating >= .80)
515 && ($project->rating <= 1.0)){
516     $marker['icon'] =
517     site_url('/assets/images/marker05.png');
518     $marker['infowindow_content'] =
519     "<b>" .
520     $project->project_name .
521     "</b><br>" .
522     $project->address . "<br>
523     Barangay " .
524     $project->barangay_code .
525     "<br> Rating: ";
528 }
529 }
530 if (($project->latitude != 0.00) &&
531 ($project->longitude != 0.00)){
532     $this->googlemaps->add_marker($marker);
533 }
534 }

$projectdata['map'] =
    $this->googlemaps->create_map();
    $this->load->view('view/Map',
        $projectdata);
    }
    else {
        echo "There are no finalized
        projects in this city yet.
        <br>";
    }
    $this->load->view('/includes/header');
    $this->load->View('/includes/footer');
}
}
?>
<html>
<head>
<style>
<style>
.beside img {
float: left;
}
.beside h1 {
position: relative;
top: 18px;
left: 10px;
}
</style>
<?php
class Proposals extends CI_Controller{
public function construct(){
parent::__construct();
$this->load->helper(array('url','html'));
}
public function index(){
$this->load->helper(array('html','url'));
$this->load->library('session');
$this->load->model('model_users');
$this->load->model('model_proposals');
$this->load->model('model_barangays');
$this->load->model('model_projects');
$this->load->view('/includes/header');
date_default_timezone_set('Asia/Manila');

if ($this->session->userdata('type') ==
"Citizen"){
$data['alert'] = 0;
$alertCounter = 0;
$this->load->helper('html');
$userID =
$this->session->userdata('user_id');
$username =
$this->session->userdata('username');
$lastLogin =
$this->model_users->get_lastlogin($userID);

$proposals =
$this->model_proposals->get_all_user_proposals($us

```

Listing 27: citizen/projects.php

```

44         echo "<center><h1> <font
                                color=f06060> Announcement
                                </font></h1>";
45
46         foreach($proposals as $proposal){
47             if (($proposal->user_id ==
                                $userID) &&
                                ($proposal->status ==
                                "approved") &&
                                ($proposal->date_time >
                                $lastLogin)){
48                 $alertCounter++;
49                 echo "Your proposal, <b>".
                                $proposal->proposal_name.
                                "</b> has been " .
                                $proposal->status ." by
                                <i>". $proposal->approver .
50                 "</i>. <a href=" .
                                site_url("/citizen/proposals/view_
                                proposal_details/" . $proposal->proposal_id)
                                . "> Details </a>";
51                 echo "</center>";
52             }
53
54             else if (($proposal->user_id ==
                                $userID) &&
                                ($proposal->status ==
                                "approved with comment") &&
                                (($proposal->last_edit !=
                                $userName) ||
                                ($proposal->date_time >
                                $lastLogin)) ){
55                 $alertCounter++;
56                 echo "Your proposal, <b>".
                                $proposal->proposal_name.
                                "</b> has been " .
                                $proposal->status ." by
                                <i>". $proposal->approver .
57                 "</i>. <a href=" .
                                site_url("/citizen/proposals/view_
                                proposal_details/" . $proposal->proposal_id)
                                . "> Details </a>";
58                 echo "</center>";
59             }
60         }
61
62         if ($alertCounter == 0) {
63             echo "No new notifications";
64             echo "</center>";
65         }
66
67         $this->load->view('/citizen/vProposals.php');
68         $this->load->view('/includes/footer');
69     }
70     else {
71         $this->load->view('/includes/header');
72         $this->load->view("vNo_Access");
73         $this->load->view('includes/footer');
74     }
75 } //indx
76
77
78 public function create_proposal(){
79     $this->load->helper(array('html',
80         'url'));
81     $this->load->model('model_users');
82     $this->load->model('model_barangays');
83     $this->load->library('session');
84     $this->load->library('upload');
85     $userID =
86         $this->session->userdata('user_id');
87     $data['users'] =
88         $this->model_users->get($userID);
89
90
91     $currDate = date('Y-m-d H:i:s');
92     $barangay_code =
93         $this->session->userdata('barangay_code');
94     $brgyVotingPeriodStart =
95         $this->model_barangays->get_voting_period_start($barangay_code);
96     $brgyVotingPeriodEnd =
97         $this->model_barangays->get_voting_period_end($barangay_code);
98
99     $sql = "SELECT * from project where
100         barangay_code = $barangay_code and
101         year(date_approved) =
102         year(curdate())";
103     $exec = $this->db->query($sql);
104     $numProjects = $exec->num_rows;
105     if (($currDate >
106         $brgyVotingPeriodStart) &&
107         ($currDate >
108         $brgyVotingPeriodEnd)){
109         echo "<h1>Voting Period has
110             officially ended.</h1>";
111         if ($numProjects == 0){
112             echo "You may propose again
113                 after your next voting
114                 period. <br>";
115             echo "<br>";
116             echo "<a href=" . base_url().
117                 "citizen/proposals/ > <
118                 Back to Proposals </a><br>
119                 ";
120         }
121         else if ($numProjects > 0){
122             echo "The top proposals in this
123                 barangay are currently
124                 announced.
125                 You may propose again after
126                 your next voting period.
127                 <br>";
128             echo "Click <a href="
129                 .(site_url('citizen/projects/view_barangay_projects/' .
130                     $barangay_code . ">
131                 here </a> to view the projects.
132                 <br><br><br>";
133             echo "<a href=" . base_url().
134                 "citizen/proposals/ > <
135                 Back to Proposals </a><br>
136                 ";
137         }
138     }
139     else {
140         $this->load->helper('html');
141         $this->load->view('/citizen/vCreate_Proposal.php',
142             $data);
143         $this->load->view('/includes/footer');
144     }
145 }
146
147 public function view_my_proposals(){
148     $this->load->helper(array('html',
149         'url'));
150     $this->load->library('session');
151     $this->load->model('model_users');
152     $this->load->model('model_proposals');
153     $userID =
154         $this->session->userdata('user_id');
155     $userdata['users'] =

```

```

133     $this->model_users->get($userID);
134     $proposaldata['proposals'] =
135         $this->model_proposals->get_all_user_proposals($userID);
136     $this->load->view('/includes/header');
137     if($this->session->userdata('type')
138         == "Citizen"){
139         $this->load->view('/citizen/vView_Citizen_Info', }
140         $userdata);
141     } //view_all
142     $this->load->view('/citizen/vView_My_Proposals',
143         $proposaldata);
144     $this->load->view('/includes/footer');
145 }
146
147 public function view_barangay_proposals(){
148     $this->load->helper(array('html',
149         'url'));
150     $this->load->library('session');
151     $this->load->model('model_users');
152     $this->load->model('model_proposals');
153
154     $userID =
155         $this->session->userdata('user_id');
156     $userBrgy =
157         $this->session->userdata('barangay_code');
158     $userdata['users'] =
159         $this->model_users->get($userID);
160     $proposaldata['proposals'] =
161         $this->model_proposals->get_all_barangay_proposals($userID,$userBrgy);
162     $this->load->view('/includes/header');
163     if($this->session->userdata('type')
164         == "Citizen"){
165         $this->load->view('/citizen/vView_Barangay_Proposals',
166             $proposaldata);
167     }
168     $this->load->view('/includes/footer');
169 }
170
171 }
172
173 public function view_all_proposals(){
174     $this->load->helper(array('html',
175         'url'));
176     $this->load->library('session');
177     $this->load->model('model_users');
178     $this->load->model('model_proposals');
179
180     $userID =
181         $this->session->userdata('user_id');
182     $userBrgy =
183         $this->session->userdata('barangay_code');
184     $userdata['users'] =
185         $this->model_users->get($userID);
186     $proposaldata['proposals'] =
187         $this->model_proposals->get_all_proposals();
188     $this->load->view('/includes/header');
189     if($this->session->userdata('type')
190         == "Citizen"){
191         $this->load->view('/citizen/vView_All_Proposals',
192             $proposaldata);
193     }
194     $this->load->view('/includes/footer');
195 }
196
197 public function view_proposal($id){
198     $this->load->helper(array('url', 'html'));
199     $this->load->model('model_proposals');
200
201     $data['proposals'] =
202         $this->model_proposals->get_proposal($id);
203     $data['budget_plan'] =
204         $this->model_proposals->get_proposal_budget_plan($id);
205
206     $this->load->view('/includes/header');
207     $this->load->view('/citizen/vView_Proposal',
208         $data);
209     $this->load->view('/includes/footer');
210 }
211
212 public function
213     view_proposal_details($id){
214         $this->load->helper(array('html',
215             'url'));
216         $this->load->library('session');
217         $this->load->model('model_users');
218         $this->load->model('model_proposals');
219
220         $userID =
221             $this->session->userdata('user_id');
222         $userBrgy =
223             $this->session->userdata('barangay_code');
224         $proposaldata['proposals'] =
225             $this->model_proposals->get_proposal($id);
226         $proposaldata['budget_plan'] =
227             $this->model_proposals->get_proposal_budget_plan($id);
228
229         $this->load->view('/includes/header');
230         $this->load->view('/citizen/vView_Proposal_Details',
231             $proposaldata);
232     }
233     $this->load->view('/includes/footer');
234 }
235
236 public function
237     view_proposal_details_wc($id){
238         $this->load->helper(array('html',
239             'url'));
240         $this->load->library('session');
241         $this->load->model('model_users');
242         $this->load->model('model_proposals');
243
244         $userID =
245             $this->session->userdata('user_id');
246         $userBrgy =
247             $this->session->userdata('barangay_code');
248         $proposaldata['proposals'] =
249             $this->model_proposals->get_proposal($id);
250         $proposaldata['budget_plan'] =
251             $this->model_proposals->get_proposal_budget_plan($id);
252
253         $this->load->view('/includes/header');
254         $this->load->view('/citizen/vView_Proposal_Details_Wc',
255             $proposaldata);
256     }
257     $this->load->view('/includes/footer');
258 }

```

```

243 }
244 }
245
246 public function resubmit_proposal($id){
247     $this->load->helper(array('url','html'));
248     $this->load->helper('form');
249     $this->load->model('model_proposals');
250     $this->load->library('session');
251     $this->load->library('form_validation');
252     $this->form_validation->set_rules('category',
        'Category',
        'callback_category_check');
253     $this->form_validation->set_rules('description',
        'Problem Statement',
        'required|min_length[10]|max_length[550]');
254     $this->form_validation->set_rules('objective',
        'Objective',
        'required|min_length[10]|max_length[300]');
255     $this->form_validation->set_rules('benefit',
        'Benefit',
        'required|min_length[10]|max_length[550]');
256     $data['proposals'] =
        $this->model_proposals->get_proposal($id);
257     $data['budget_plan'] =
        $this->model_proposals->get_proposal_budget_plan($id);
258     $this->load->view('/includes/header');
259
260     if ($this->form_validation->run() ==
        FALSE){
261         $this->load->view('/citizen/vResubmit_Proposal',
            $data);
262     }
263     else {
264         $this->resubmit_proposal_submit($id);
265     }
266     $this->load->view('/includes/footer');
267 }
268
269 public function category_check($category){
270     if ($category == "0"){
271         $this->form_validation->set_message('category_check',
            'You must pick a category
            from the drop-down menu.');
```

```

348     create_budget_plan($proposal_id){
349     date_default_timezone_set('Asia/Manila');
350     $this->load->helper(array('url','html'));
351     $this->load->library('session');
352     $this->load->library('form_validation');
353     $this->load->model('model_proposals');
354     $data['proposal'] =
355         $this->model_proposals->get($proposal_id);
356     $propBrgy =
357         $this->model_proposals->get_proposal_barangay($proposal_id);
358     $budgetPlanRows =
359         $this->model_proposals->get_proposal_budget_plan_rows($proposal_id);
360     $budget =
361         $this->model_proposals->get_proposal_budget($proposal_id);
362     $userBrgy =
363         $this->session->userdata('barangay_code');
364     $this->form_validation->set_rules('item',
365         'Item', 'required');
366     $popup_attributes = array(
367         'width' => '600',
368         'height' => '600',
369         'scrollbars' => 'yes',
370         'resizable' => 'yes'
371     );
372     if (($this->session->userdata('type')
373         == "Citizen") && ($propBrgy ==
374         $userBrgy) && ($budgetPlanRows >
375         0)){
376         $this->load->view('includes/header');
377         echo "<h3>There is already an
378             existing budget plan for this
379             proposal.</h3>";
380         echo "Your proposed budget: " .
381             anchor_popup('proposals/view_budget_proposal/' . $proposal_id .
382             "Php " .
383             number_format($budget,2) .
384             "<br>" , $popup_attributes);
385         echo "<br><br><br>";
386         echo "<a href=" .
387             site_url('citizen/proposals')
388             . ">< Back to Proposals </a>";
389         echo "<br><br><br>";
390         $this->load->view('includes/footer');
391     }
392     else if
393     (($this->session->userdata('type')
394     == "Citizen") && ($propBrgy ==
395     $userBrgy)){
396         if ($this->form_validation->run()
397             == FALSE){
398             $this->load->view('/includes/header');
399             $this->load->view('/citizen/vCreate_Budget_Plan',
400                 $data);
401             $this->load->view('/includes/footer');
402         }
403     }
404     else {
405         $item = $_POST['item'];
406         $price = $_POST['price'];
407         $quantity = $_POST['quantity'];
408         $cost = $_POST['cost'];
409         $proposal_id =
410             $_POST['proposal_id'];
411         $budget_plan = array();
412         $num_rows =
413             count($_POST['item']);
414         $total_budget = 0;
415         for($i=1; $i < ($num_rows+1);
416             $i++) {
417             $budget_plan = array(
418                 'item' => $item[$i],
419                 'price' =>
420                     $price[$i],
421                 'quantity' =>
422                     $quantity[$i],
423                 'cost' => $cost[$i],
424                 'proposal_id' =>
425                     $proposal_id[1],
426             );
427             $total_budget += $cost[$i];
428             $proposal_total_budget =
429                 array(
430                     'budget' =>
431                         $total_budget,
432                 );
433             if (($budget_plan['item']
434                 != NULL) &&
435                 ($budget_plan['price']
436                 != NULL) &&
437                 ($budget_plan['quantity']
438                 != NULL) &&
439                 ($budget_plan['cost']
440                 != NULL)){
441                 $this->db->insert('budget_proposed',
442                     $budget_plan);
443                 $this->db->where('proposal_id',
444                     $proposal_id[1]);
445                 $this->db->update('proposal',
446                     $proposal_total_budget);
447             }
448         }
449         $this->load->view('/includes/header');
450         $this->load->view('/citizen/vSuccess_Create_Budget_Plan');
451         $this->load->view('/includes/footer');
452     }
453     }
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999     }
1000    }

```

```

452 |
453 |     $this->load->view('/includes/header');
454 |     $this->load->view('/vView_Budget_Proposal',
      |         $data);
455 |     $this->load->view('/includes/footer');
456 | }
457 | }
458 | ?>

```

Listing 28: citizen/proposals.php

```

1 | <?php
2 | class Accounts extends CI_Controller{
3 |     public function index(){
4 |         $this->load->helper('url');
5 |
6 |         if ($this->session->userdata('type') ==
      |             "Sanggunian"){
7 |             $this->load->helper('html');
8 |             $this->load->model('model_users');
9 |
10 |             $this->load->view('/includes/header');
11 |             $this->load->view('/sanggunian/vAccounts.php');
12 |             $this->load->view('/includes/footer');
13 |         }
14 |         else {
15 |             $this->load->view('vNo_Access');
16 |         }
17 |     }
18 |
19 |     public function viewAllAccounts(){
20 |         $this->load->helper('html');
21 |         $this->load->model('model_users');
22 |         $data['users'] =
      |             $this->model_users->getAll();
23 |
24 |         $this->load->view('/includes/header');
25 |         $this->load->view('/sanggunian/vAll_Accounts.php',
      |             $data);
26 |         $this->load->view('/includes/footer');
27 |     }
28 |
29 |     public function viewAllAccountsPassword(){
30 |         $this->load->helper('html');
31 |         $this->load->model('model_users');
32 |         $data['users'] =
      |             $this->model_users->getAll();
33 |
34 |         $this->load->view('/includes/header');
35 |         $this->load->view('/sanggunian/vReset_Password.php',
      |             $data);
36 |         $this->load->view('/includes/footer');
37 |     }
38 | }
39 |
40 | ?>

```

Listing 29: sanggunian/accounts.php

```

1 | <?php
2 |
3 | class Dashboard extends CI_Controller{
4 |     public function index(){
5 |         $this->load->helper('url');
6 |         $this->load->model('model_users');
7 |         $this->load->model('model_proposals');
8 |         $this->load->model('model_projects');
9 |         $this->load->model('model_barangays');
10 |
11 |         if ($this->session->userdata('type') ==
      |             "Sanggunian"){

```

```

12 |             $this->load->helper('html');
13 |             $this->load->view('/includes/header');
14 |             $this->load->view('/sanggunian/vDashboard.php');
15 |             $this->load->view('/includes/footer');
16 |         }
17 |         else {
18 |             $this->load->helper('html');
19 |             $this->load->view('/includes/header');
20 |             $this->load->view('vNo_Access');
21 |             $this->load->view('includes/footer');
22 |         }
23 |     }
24 | }
25 |
26 | ?>

```

Listing 30: sanggunian/dashboard.php

```

1 | <?php
2 | class Projects extends CI_Controller{
3 |     public function index(){
4 |         $this->load->helper(array('url', 'html'));
5 |         $this->load->library('session');
6 |         $this->load->model('model_projects');
7 |
8 |         $barangay_code =
      |             $this->session->userdata('barangay_code');
9 |         $data['projects_count'] =
      |             $this->model_projects->get_barangay_project_count($barangay_code);
10 |         $data['barangay_code'] =
      |             $this->session->userdata('barangay_code');
11 |         $data['projects'] =
      |             $this->model_projects->get_evaluation_date($barangay_code);
12 |         $data['num_projects'] =
      |             $this->model_projects->get_num_evaluated($barangay_code);
13 |
14 |         $this->load->view('includes/header');
15 |         $this->load->view('vProjects_Alert',
      |             $data);
16 |         $this->load->view('sanggunian/vProjects',
      |             $data);
17 |         $this->load->view('includes/footer');
18 |     }
19 |
20 |     public function
      |         view_barangay_projects($barangay_code){
21 |         $this->load->helper(array('url', 'html'));
22 |         $this->load->library('session');
23 |         $this->load->model('model_projects');
24 |
25 |         $data['projects'] =
      |             $this->model_projects->get_barangay_project($barangay_code);
26 |         $data['projects_count'] =
      |             $this->model_projects->get_barangay_project_count($barangay_code);
27 |         $data['barangay_choice'] =
      |             $barangay_code;
28 |
29 |         $this->load->view('includes/header');
30 |         $this->load->view('vProjects_Navigation');
31 |         $this->load->view('sanggunian/vView_Barangay_Projects',
      |             $data);
32 |         $this->load->view('includes/footer');
33 |     }
34 |
35 |     public function
      |         create_budget_plan($project_id){
36 |         date_default_timezone_set('Asia/Manila');
37 |         $this->load->helper(array('url', 'html'));
38 |         $this->load->library('session');
39 |         $this->load->library('form_validation');
40 |     }

```

```

41     $this->load->model('model_projects');
42
43     $data['project'] =
44         $this->model_projects->get($project_id);
45     $projBrgy =
46         $this->model_projects->get_project_barangay($project_id);
47     $userBrgy =
48         $this->session->userdata('barangay_code');
49
50     $this->form_validation->set_rules('item',
51         'Item', 'required');
52
53     if ($this->form_validation->run()
54         == FALSE){
55         $this->load->view('/includes/header');
56         $this->load->view('/sanggunian/vCreate_Budget_Plan',
57             $data);
58         $this->load->view('/includes/footer');
59     }
60
61     else {
62         $item = $_POST['item'];
63         $price = $_POST['price'];
64         $quantity = $_POST['quantity'];
65         $cost = $_POST['cost'];
66         $project_id =
67             $_POST['project_id'];
68
69         $budget_plan = array();
70         $num_rows =
71             count($_POST['item']);
72         $total_budget = 0;
73
74         for($i=1; $i < ($num_rows+1);
75             $i++) {
76             $budget_plan = array(
77                 'item' => $item[$i],
78                 'price' =>
79                     $price[$i],
80                 'quantity' =>
81                     $quantity[$i],
82                 'cost' => $cost[$i],
83                 'project_id' =>
84                     $project_id[1],
85             );
86
87             $total_budget += $cost[$i];
88
89             $project_total_budget =
90                 array(
91                     'actual_budget' =>
92                         $total_budget,
93                     'evaluator' =>
94                         $this->session->userdata('username'),
95                     'date_evaluated' =>
96                         date('Y-m-d
97                             H:i:s'),
98                 );
99
100             if (($budget_plan['item']
101                 != NULL) &&
102                 ($budget_plan['price']
103                 != NULL) &&
104                 ($budget_plan['quantity']
105                 != NULL) &&
106                 ($budget_plan['cost']
107                 != NULL)){
108                 $this->db->insert('budget_plan',
109                     $budget_plan);
110
111                 $this->db->where('project_id',

```

```

145 $this->googlemaps->initialize($config);
146
147
148 foreach ($projects as $project){
149     $marker = array();
150     $marker['position'] =
151         "$project->latitude,
152         $project->longitude";
153     if ($project->rating == 0) {
154         $marker['icon'] =
155             site_url('/assets/images/marker01.png');
156         $marker['infowindow_content'] =
157             "<b>" .
158             $project->project_name .
159             "</b><br>" .
160             $project->address . "<br>" .
161             Barangay " .
162             $project->barangay_code .
163             "<br> Rating: 0";
164     }
165     else if (($project->rating > 0.0) &&
166             ($project->rating < 0.20)){
167         $marker['icon'] =
168             site_url('/assets/images/marker01.png');
169         $marker['infowindow_content'] =
170             "<b>" .
171             $project->project_name .
172             "</b><br>" .
173             $project->address . "<br>" .
174             Barangay " .
175             $project->barangay_code .
176             "<br> Rating: ";
179     }
180     else if (($project->rating >= 0.20)
181             && ($project->rating < 0.39)){
182         $marker['icon'] =
183             site_url('/assets/images/marker02.png');
184         $marker['infowindow_content'] =
185             "<b>" .
186             $project->project_name .
187             "</b><br>" .
188             $project->address . "<br>" .
189             Barangay " .
190             $project->barangay_code .
191             "<br> Rating: ";
194     }
195     else if (($project->rating >= 0.40)
196             && ($project->rating < 0.59)){
197         $marker['icon'] =
198             site_url('/assets/images/marker03.png');
199         $marker['infowindow_content'] =
200             "<b>" .
201             $project->project_name .
202             "</b><br>" .
203             $project->address . "<br>" .
204             Barangay " .
205             $project->barangay_code .
206             "<br> Rating: ";
209     }
210     else if (($project->rating >= 0.60)
211             && ($project->rating < 0.79)){
212         $marker['icon'] =
213             site_url('/assets/images/marker04.png');
214         $marker['infowindow_content'] =
215             "<b>" .
216             $project->project_name .
217             "</b><br>" .
218             $project->address . "<br>" .
219             Barangay " .
220             $project->barangay_code .
221             "<br> Rating: ";
224     }
225     else if (($project->rating >= 0.80)
226             && ($project->rating <= 1.0)){
227         $marker['icon'] =
228             site_url('/assets/images/marker05.png');
229         $marker['infowindow_content'] =
230             "<b>" .
231             $project->project_name .
232             "</b><br>" .
233             $project->address . "<br>" .
234             Barangay " .
235             $project->barangay_code .
236             "<br> Rating: ";
239     }
240     if (($project->latitude != 0.00) &&
241         ($project->longitude != 0.00)){
242         $this->googlemaps->add_marker($marker);
243     }
244 }
245
246 $projectdata['map'] =
247     $this->googlemaps->create_map();
248
249 $this->load->view('/includes/header');
250 $this->load->view('/sanggunian/vView_Project',
251     $data);
252
253 if (($addressExists != 0) ||
254     ($addressExists != NULL)){
255     $this->load->view('vView_Project_Map',
256         $projectdata);
257 }
258 $this->load->view('/includes/footer');
259 }
260
261 public function
262     view_barangay_projects_map($barangay_code){
263     $this->load->helper(array('url', 'html'));
264     $this->load->model('model_proposals');
265     $this->load->model('model_barangays');
266     $this->load->model('model_users');
267     $this->load->model('model_projects');
268
269     $this->load->library('session');
270     $this->load->library('googlemaps');
271
272     $projects =
273         $this->model_projects->get_barangay_project($barangay_code);
274     $projects_count =
275         $this->model_projects->get_barangay_project_address_count($barangay_code);
276
277     $config['center'] = '14.747535,
278         121.05357619999995';
279     // $config['center'] = 'Caloocan City,
280         Philippines';
281     $config['places'] = TRUE;
282     $config['zoom'] = 'auto';
283     $config['region'] = 'PH';
284     $config['$placesLocation'] =
285         '14.747535, 121.05357619999995';
286     $config['$placesAutocompleteBoundSW'] =

```

```

215         '14.742881, 121.046298';
$config['$placesAutocompleteBoundNE'] =
216         '14.756867, 121.053615';
217
218 $this->googlemaps->initialize($config);
219
220 echo "<style>";
221 echo ".column-left{ float: left; width:
222     50%; }";
223 echo ".column-right{ float: right;
224     width: 33%; }";
225 echo "</style>";
226
227 echo "<div class=column-left>";
228 echo "<h3>Projects in Barangay
229     $barangay_code </h3>";
230 if ($projects_count == 0){
231     echo "There are no finalized
232     projects in this barangay yet.
233     <br>Check again next time.
234     <br>";
235 }
236 else if ($projects_count == 1){
237     echo "There is currently one
238     finalized project in this
239     barangay.<br>";
240 }
241 else {
242     echo "There are currently " .
243     $projects_count . " finalized
244     projects in this barangay.<br>";
245     echo "<a href=" .
246     site_url('sanggunian/projects/view_barangay_projects/' .
247     $barangay_code) . ">
248     Click here </a> to view projects
249     list for this barangay. <br>";
250 }
251
252 echo "<a href=" .
253     site_url('/sanggunian/projects/view_all_projects_map')
254     .">Click here</a> to view the city
255     map. <br><br>";
256
257 echo "<a href=" .
258     site_url('/sanggunian/projects/view_barangay_projects/'
259     . $barangay_code) . ">< Back to
260     Barangay Projects Summary </a>";
261
262 echo "</div>";
263
264 echo "<div class=column-right>";
265 echo "<br><br>";
266 $this->load->view('vMap_Navigation');
267 echo "</div>";
268
269 if ($projects_count > 0){
270     foreach ($projects as $project){
271
272         $marker = array();
273         $marker['position'] =
274             "$project->latitude,
275             $project->longitude";
276
277         if ($project->rating == 0) {
278             $marker['icon'] =
279                 site_url('/assets/images/marker01.png');
280             $marker['infowindow_content'] =
281                 "<b> .
282                 $project->project_name .
283                 </b><br> .
284                 $project->address . <br>
285                 Barangay " .
286                 $project->barangay_code .
287                 "<br> Rating: ";
290         }
291         else if (($project->rating >= 0.20)
292             && ($project->rating < 0.39)){
293             $marker['icon'] =
294                 site_url('/assets/images/marker02.png');
295             $marker['infowindow_content'] =
296                 "<b> .
297                 $project->project_name .
298                 </b><br> .
299                 $project->address . <br>
300                 Barangay " .
301                 $project->barangay_code .
302                 "<br> Rating: ";
305         }
306         else if (($project->rating >= 0.40)
307             && ($project->rating < 0.59)){
308             $marker['icon'] =
309                 site_url('/assets/images/marker03.png');
310             $marker['infowindow_content'] =
311                 "<b> .
312                 $project->project_name .
313                 </b><br> .
314                 $project->address . <br>
315                 Barangay " .
316                 $project->barangay_code .
317                 "<br> Rating: ";
320         }
321         else if (($project->rating >= 0.60)
322             && ($project->rating < 0.79)){
323             $marker['icon'] =
324                 site_url('/assets/images/marker04.png');
325             $marker['infowindow_content'] =
326                 "<b> .
327                 $project->project_name .
328                 </b><br> .
329                 $project->address . <br>
330                 Barangay " .
331                 $project->barangay_code .
332                 "<br> Rating: ";
335         }
336         else if (($project->rating >= .80)
337             && ($project->rating <= 1.0)){
338             $marker['icon'] =
339                 site_url('/assets/images/marker05.png');
340             $marker['infowindow_content'] =
341                 "<b> .
342                 $project->project_name .
343                 </b><br> .
344                 $project->address . <br>
345                 Barangay " .
346                 $project->barangay_code .
347                 "<br> Rating: ";
350         }
351     }
352 }

```

```

    $project->address . "<br>
    Barangay " .
    $project->barangay_code .
    "<br> Rating: ";
281     } 335
282 336
283     if (($project->latitude != 0.00) && 337
        ($project->longitude != 0.00)){ 338
284         $this->googlemaps->add_marker($marker); 339
285     } 340
286 } //foreach 341
287 342
288 343
289 $projectdata['map'] = 344
    $this->googlemaps->create_map(); 345
290 $this->load->view('vView_Map', 346
    $projectdata); 347
291 348
292 } //if not empty
293 else {
294     echo " "; 349
295 } 350
296 351
297 $this->load->view('/includes/header');
298 $this->load->View('/includes/footer'); 352
299 }
300
301 public function view_all_projects_map(){
302     $this->load->helper(array('url','html'));
303     $this->load->model('model_proposals');
304     $this->load->model('model_barangays');
305     $this->load->model('model_users');
306     $this->load->model('model_projects'); 353
307 354
308     $this->load->library('session');
309     $this->load->library('googlemaps'); 355
310
311     $projects = 356
        $this->model_projects->get_all_projects();
312     $projects_count =
        $this->model_projects->get_all_project_address_count();
313
314     $config['center'] = '14.747535,
        121.05357619999995';
315     //$config['center'] = 'Caloocan City,
        Philippines';
316     $config['places'] = TRUE;
317     $config['zoom'] = 'auto'; 357
318     $config['region'] = 'PH'; 358
319     $config['$placesLocation'] =
        '14.747535, 121.05357619999995'; 359
320     $config['$placesAutocompleteBoundSW'] =
        '14.742881, 121.046298'; 360
321     $config['$placesAutocompleteBoundNE'] =
        '14.756867, 121.053615';
322
323     $this->googlemaps->initialize($config);
324
325     echo "<style>";
326     echo ".column-left{ float: left; width:
        50%; }";
327     echo ".column-right{ float: right;
        width: 33%; }"; 361
328     echo "</style>"; 362
329
330     echo "<div class=column-left>"; 363
331     echo "<h3>Projects in Caloocan </h3>";
332     echo "There are currently " . 364
        $projects_count . " finalized
        projects in this city.<br>";
333     echo "<a href=" .
        site_url('/projects/view_barangay_projects_menu')
        . ">Click here</a> to view
        Projects list. <br>";
        echo "<a href=" .
        site_url('/sanggungan/projects/')
        . ">< Back to Projects</a>";
        echo "</div>";
        echo "<div class=column-right>";
        echo "<br><br>";
        $this->load->view('vMap_Navigation');
        echo "</div>";
        if ($projects_count > 0){
        foreach ($projects as $project){
            $marker = array();
            $marker['position'] =
                "$project->latitude,
                $project->longitude";
            if ($project->rating == 0) {
            $marker['icon'] =
                site_url('/assets/images/marker01.png');
            $marker['infowindow_content'] =
                "<b>" .
                $project->project_name .
                "</b><br>" .
                $project->address . "<br>
                Barangay " .
                $project->barangay_code .
                "<br> Rating: 0";
            }
            else if (($project->rating > 0.0) &&
                ($project->rating < 0.20)){
            $marker['icon'] =
                site_url('/assets/images/marker01.png');
            $marker['infowindow_content'] =
                "<b>" .
                $project->project_name .
                "</b><br>" .
                $project->address . "<br>
                Barangay " .
                $project->barangay_code .
                "<br> Rating: ";
            }
            else if (($project->rating >= 0.20)
                && ($project->rating < 0.39)){
            $marker['icon'] =
                site_url('/assets/images/marker02.png');
            $marker['infowindow_content'] =
                "<b>" .
                $project->project_name .
                "</b><br>" .
                $project->address . "<br>
                Barangay " .
                $project->barangay_code .
                "<br> Rating: ";
            }
            else if (($project->rating >= 0.40)
                && ($project->rating < 0.59)){
            $marker['icon'] =
                site_url('/assets/images/marker03.png');
            $marker['infowindow_content'] =
                "<b>" .
                $project->project_name .
                "</b><br>" .

```

```

365         $project->address . "<br>
366         Barangay " .
367         $project->barangay_code .
368         "<br> Rating: ";
371     }
372     else if (($project->rating >= 0.60)
373     && ($project->rating < 0.79)){
374         $marker['icon'] =
375         site_url('/assets/images/marker04.png');
376         $marker['infowindow_content'] =
377         "<b>" .
378         $project->project_name .
379         "</b><br>" .
380         $project->address . "<br>
381         Barangay " .
382         $project->barangay_code .
383         "<br> Rating: ";
386     }
387     else if (($project->rating >= .80)
388     && ($project->rating <= 1.0)){
389         $marker['icon'] =
390         site_url('/assets/images/marker05.png');
391         $marker['infowindow_content'] =
392         "<b>" .
393         $project->project_name .
394         "</b><br>" .
395         $project->address . "<br>
396         Barangay " .
397         $project->barangay_code .
398         "<br> Rating: ";
401     }
402     if (($project->latitude != 0.00) &&
403     ($project->longitude != 0.00)){
404         $this->googlemaps->add_marker($marker);
405     }
406     $projectdata['map'] =
407     $this->googlemaps->create_map();
408     $this->load->view('vView_Map',
409     $projectdata);
410 }
411 else {
412     echo "There are no finalized
413     projects in this city yet.
414     <br>";
415 }
416 $this->load->view('/includes/header');
417 $this->load->View('/includes/footer');
418 }
419 }
420 ?>
421
422 Listing 31: sanggunian/projects.php
423
424 <?php
425 class Proposals extends CI_controller{
426     public function construct(){
427         parent::__construct();
428         $this->load->helper(array('url', 'html'));
429     }
430
431     public function index(){
432         $this->load->helper(array('html', 'url'));
433
434         $this->load->model('model_users');
435         $this->load->model('model_proposals');
436         $this->load->model('model_barangays');
437         $this->load->model('model_projects');
438         $this->load->view('/includes/header');
439         date_default_timezone_set('Asia/Manila');
440
441         if ($this->session->userdata('type') ==
442         "Sanggunian"){
443             $this->load->helper('html');
444             $userID =
445             $this->session->userdata('user_id');
446             $userBrgy =
447             $this->session->userdata('barangay_code');
448             $lastLogin =
449             $this->session->userdata('last_login');
450             $newCount = 0;
451             $swcCount = 0;
452
453             $userdata['users'] =
454             $this->model_users->get($userID);
455             $currDate = date('Y-m-d H:i:s');
456
457             $dates =
458             $this->model_proposals->get_unapproved_date($userB
459             $dates2 =
460             $this->model_proposals->get_approvedwc_date($userB
461             //repeat
462             $proposalswc =
463             $this->model_proposals->get_all_approvedwc_brgy($u
464             $brgyVotingPeriodEnd =
465             $this->model_barangays->get_voting_period_end($use
466             $projectsExist =
467             $this->model_projects->get_barangay_project($userB
468
469             foreach ($dates as $date){
470                 $dateTime1 = new
471                 DateTime($lastLogin);
472                 $dateTime2 = new
473                 DateTime($date->date_time){
474                     if ($dateTime2 > $dateTime1) {
475                         $newCount++;
476                     }
477                 }
478             }
479             foreach ($proposalswc as $proposal){
480                 if (($proposal->date_time >
481                 $lastLogin) &&
482                 ($proposal->status ==
483                 "approved with comment") &&
484                 ($proposal->approver ==
485                 $this->session->userdata('username'))
486                 ){
487                     $swcCount++;
488                 }
489             }
490
491             if (($currDate >
492             $brgyVotingPeriodEnd) &&
493             ($projectsExist == 0)){
494                 echo "<center>Your barangay
495                 voting period has already
496                 ended. You may now wait for
497                 your fellow
498                 barangay officers to submit the
499                 finalized project proposals.
500                 <br></center>";
501             }
502
503             else if (($currDate >
504             $brgyVotingPeriodEnd) &&
505             ($projectsExist > 0)) {
506                 echo
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```

```

56         "<center><h1>Announcement</h1></center>";           $this->load->view("vNo_Access");
        echo "<center>Top proposals in                          110     $this->load->view('includes/footer');
        barangay are already                                111     }
        finalized.                                         112     }
57     <a href="                                             113     public function view_proposal($id){
        (site_url('sanggunian/projects/view_barangay_proposal/   $this->load->helper(array('url','html'));
        ./" . $userBrgy . "> Click                            115     $this->load->model('model_proposals');
        here to view</center><br>";                          116
58     }                                                     117     $data['proposals'] =
59     $this->load->view('/sanggunian/vProposals.php');        118     $this->model_proposals->get_proposal($id);
60     $this->load->view('/includes/footer');                  119     $data['budget_plan'] =
61     }                                                       120     $this->model_proposals->get_proposal_budget_plan($id);
62     else {                                                 121     $this->load->view('/includes/header');
63     $this->load->view('/includes/header');                   122     $this->load->view('/sanggunian/vView_Proposal',
64     $this->load->view("vNo_Access");                        123     $data);
65     $this->load->view('includes/footer');                    124     $this->load->view('/includes/footer');
66     }                                                       125     }
67     }                                                       126     }
68     }                                                       127     public function
69     public function view_barangay_proposals(){              128     view_budget_proposal($proposal_id){
70     $this->load->helper(array('html',                          129     date_default_timezone_set('Asia/Manila');
71     'url'));                                                130     $this->load->helper(array('url','html'));
72     $this->load->model('model_users');                       131     $this->load->library('session');
73     $this->load->model('model_proposals');                   132     $this->load->library('form_validation');
74     $userID =                                               133     $this->load->model('model_proposals');
75     $this->session->userdata('user_id');                     134     $data['proposal'] =
76     $userBrgy =                                             135     $this->model_proposals->get($proposal_id);
77     $this->session->userdata('barangay_code');               136     $data['budget_plan'] =
78     $userdata['users'] =                                    137     $this->model_proposals->get_proposal_budget_plan($proposal_id);
79     $this->model_users->get($userID);                        138     $this->load->view('/includes/header');
80     $proposaldata['proposals'] =                            139     $this->load->view('/vView_Budget_Proposal',
81     $this->model_proposals->get_all_barangay_proposals($userBrgy); 140     $data);
82     $this->load->view('/includes/header');                    141     $this->load->view('/includes/footer');
83     if($this->session->userdata('type')                      142     }
84     == "Sanggunian"){                                       143     }
85     $this->load->view('/sanggunian/vView_Barangay_Proposals', 144     $this->load->view('/includes/footer');
86     $proposaldata);                                         145     }
87     $this->load->view('/includes/footer');                    146     }
88     }                                                       147     }
89     }                                                       148     }
90     }                                                       149     }
91     }                                                       150     }
92     }                                                       151     }
93     }                                                       152     }
94     }                                                       153     }
95     }                                                       154     }
96     }                                                       155     }
97     }                                                       156     }
98     }                                                       157     }
99     }                                                       158     }
100    }                                                       159     }
101    }                                                       160     }
102    }                                                       161     }
103    }                                                       162     }
104    }                                                       163     }
105    }                                                       164     }
106    }                                                       165     }
107    }                                                       166     }
108    }                                                       167     }

```

Listing 32: sanggunian/proposals.php

Models

```

1 <?php
2 Class Model_Barangays extends CI_Model{
3
4     public function get($barangay_code){
5         $q =
6             $this->db->get_where("barangay", array("barangay_code" => $barangay_code))->result();
7         return (count($q))? $q[0] : null;
8     }
9
10    public function insert($data){
11        $query =
12            $this->db->insert("barangay", $data);
13        if($query){
14            return $this->db->insert_id();
15        }
16        return -1;
17    }
18
19    public function
20        set_voting_period($barangay_code,
21        $data){
22        $this->db->where("barangay_code", $barangay_code);
23        $this->db->update("barangay", $data);
24    }
25
26    public function
27        get_voting_period_start($barangay_code){
28        $this->db->select("voting_period_start");
29        $query =
30            $this->db->get_where("barangay", array("barangay_code" => $barangay_code))->result();
31        return $query[0]->voting_period_start;
32    }
33
34    public function
35        get_voting_period_end($barangay_code){
36        $this->db->select("voting_period_end");
37        $query =
38            $this->db->get_where("barangay", array("barangay_code" => $barangay_code))->result();
39        return $query[0]->voting_period_end;
40    }
41 }
42 ?>

```

Listing 33: model_barangays.php

```

1 <?php
2 Class Model_Projects extends CI_Model{
3
4     public function get($id){
5         $q =
6             $this->db->get_where("project", array("project_id" => $id))->result();
7         return (count($q))? $q[0] : null;
8     }
9
10    public function get_all_projects(){
11        $query = $this->db->select('*')
12            ->from('project')
13            ->get();
14        return $query->result();
15    }
16
17    public function get_project($project_id){
18        $query = $this->db->select('*')
19            ->from('project')
20            ->where('project_id', $project_id)
21            ->get();
22        return $query->result();
23    }
24
25    public function
26        get_barangay_project($barangay_code){
27        $query = $this->db->select('*')
28            ->from('project')
29            ->where('barangay_code',
30                $barangay_code)
31            ->get();
32        return $query->result();
33    }
34
35    public function
36        get_brgy_projects_year_count($barangay_code){
37        $currYear = date("Y");
38
39        $query = $this->db->select('*')
40            ->from('project')
41            ->where('barangay_code',
42                $barangay_code)
43            ->where('year(date_approved)',
44                $currYear)
45            ->get();
46        return $query->num_rows();
47    }
48
49    public function
50        get_barangay_project_count($barangay_code){
51        $query = $this->db->select('*')
52            ->from('project')
53            ->where('barangay_code',
54                $barangay_code)
55            ->get();
56        return $query->num_rows();
57    }
58
59    public function
60        get_project_no_budget($barangay_code){
61        $query = $this->db->select('*')
62            ->from('project')
63            ->where('barangay_code',
64                $barangay_code)
65            ->where('actual_budget', '0.00')
66            ->get();
67        return $query->result();
68    }
69
70    public function
71        get_barangay_no_budget_count($barangay_code){
72        $query = $this->db->select('*')
73            ->from('project')
74            ->where('actual_budget', '0.00')
75            ->where('barangay_code',
76                $barangay_code)
77            ->get();
78        return $query->num_rows();
79    }
80
81    public function
82        get_all_project_address_count(){
83        $query = $this->db->select('address')
84            ->from('project')

```

```

83         ->where('address !=', '')
84         ->get();
85     return $query->num_rows();
86 }
87
88
89 public function
90     get_project_budget_plan($id){
91         $query = $this->db->select('*')
92             ->from('budget_plan')
93             ->where('project_id', $id)
94             ->get();
95     return $query->result();
96 }
97
98 public function
99     get_evaluation_date($barangay_code){
100         $query = $this->db->select('*')
101             ->from('project')
102             ->where('date_evaluated !=',
103                 '0000-00-00 00:00:00')
104             ->where('barangay_code',
105                 $barangay_code)
106             ->get();
107     return $query->result();
108 }
109
110 public function
111     get_num_evaluated($barangay_code){
112         $query =
113             $this->db->select('date_evaluated')
114             ->from('project')
115             ->where('date_evaluated !=',
116                 '0000-00-00 00:00:00')
117             ->where('barangay_code',
118                 $barangay_code)
119             ->get();
120     return $query->num_rows();
121 }
122
123 public function
124     get_all_user_projects($user_id){
125         $query = $this->db->select('*')
126             ->from('project')
127             ->where('user_id', $user_id)
128             ->get();
129     return $query->result();
130 }
131
132 public function
133     get_num_user_projects($user_id){
134         $query = $this->db->select('*')
135             ->from('project')
136             ->where('user_id', $user_id)
137             ->get();
138     return $query->num_rows();
139 }
140
141 public function
142     get_user_votes($user_id){
143         $query = $this->db->select('*')
144             ->from('voter')
145             ->where('user_id', $user_id)
146             ->get();
147     return $query->num_rows();
148 }
149
150 public function
151     get_project_name($project_id){
152         $this->db->select("project_name");
153         $query =
154             $this->db->get_where("project", array("project_id"=>$project_id));
155     return $query[0]->project_name;
156 }
157
158 public function
159     get_voting_period_start($barangay_code){
160         $this->db->select("voting_period_start");
161         $query =
162             $this->db->get_where("barangay", array("barangay_code"=>$barangay_code));
163     return $query[0]->voting_period_start;
164 }
165
166 public function
167     get_actual_budget($project_id){
168         $this->db->select("actual_budget");
169         $query =
170             $this->db->get_where("project",
171                 array("project_id"=>$project_id))->result();
172     return $query[0]->actual_budget;
173 }
174
175 public function
176     get_proposal_id($project_id){
177         $this->db->select("proposal_id");
178         $query =
179             $this->db->get_where("project",
180                 array("project_id"=>$project_id))->result();
181     return $query[0]->proposal_id;
182 }
183
184 public function
185     get_project_barangay($project_id){
186         $this->db->select("barangay_code");
187         $query =
188             $this->db->get_where("project",
189                 array("project_id"=>$project_id))->result();
190     return $query[0]->barangay_code;
191 }
192
193 public function get_user($project_id){
194     $this->db->select("user_id");
195     $query =
196         $this->db->get_where("project",
197             array("project_id"=>$project_id))->result();
198     return $query[0]->user_id;
199 }
200
201 public function
202     get_date_begin($project_id){
203         $this->db->select("date_begin");
204         $query =
205             $this->db->get_where("project",
206                 array("project_id"=>$project_id))->result();
207     return $query[0]->date_begin;
208 }
209
210 public function get_date_end($project_id){
211     $this->db->select("date_end");
212     $query =
213         $this->db->get_where("project",
214             array("project_id"=>$project_id))->result();
215     return $query[0]->date_end;
216 }
217
218 public function get_latitude($project_id){
219     $this->db->select("latitude");
220     $query =
221         $this->db->get_where("project",
222             array("project_id"=>$project_id))->result();
223     return $query[0]->latitude;
224 }
225
226 public function
227     get_longitude($project_id){
228         $this->db->select("longitude");
229     }

```

```

196     $query =
197         $this->db->get_where("project",
198             array("project_id"=>$project_id))->result();
199     return $query[0]->longitude;
200 }
201 public function
202     get_action_plan_count($project_id){
203     $query = $this->db->select('*')
204         ->from('action_plan')
205         ->where('project_id', $project_id)
206         ->get();
207     return $query->num_rows();
208 }
209 public function
210     get_action_plan($project_id){
211     $query = $this->db->select('*')
212         ->from('action_plan')
213         ->where('project_id', $project_id)
214         ->get();
215     return $query->result();
216 }
217 public function get_address($project_id){
218     $this->db->select("address");
219     $query =
220         $this->db->get_where("project",
221             array("project_id"=>$project_id))->result();
222     return $query[0]->address;
223 }
224 public function
225     get_address_count($project_id){
226     $query = $this->db->select('address')
227         ->from('project')
228         ->where('project_id', $project_id)
229         ->get();
230     return $query->num_rows();
231 }
232 public function
233     set_project_details($project_id,
234     $data){
235     $this->db->where('project_id',
236         $project_id);
237     $this->db->update("project", $data);
238 }
239 public function
240     set_action_rate($action_id, $data){
241     $this->db->where('action_id',
242         $action_id);
243     $this->db->update("action_plan", $data);
244 }
245 }
246 ?>

```

Listing 34: model_projects.php

```

1 <?php
2 Class Model_Proposals extends CI_Model{
3
4     public function get($id){
5         $q =
6             $this->db->get_where("proposal", array("proposal_id"=>$id))->result();
7         return (count($q))? $q[0] : null;
8     }
9
10    public function insert($data){
11        $query =
12            $this->db->insert("proposal", $data);
13        if($query){
14            return $this->db->insert_id();
15        }
16        return -1;
17    }
18
19    public function create_proposal($data){
20        $query =
21            $this->db->insert("proposal", $data);
22        if($query){
23            return $this->db->insert_id();
24        }
25        return -1;
26    }
27
28    public function
29        get_all($starting="all", $select=null, $status=null){
30        if(isset($select)){
31            $this->db->select($select);}
32
33        $this->db->order_by("proposal_id", "desc");
34        return
35            $this->db->get("proposal")->result();
36    }
37
38    public function
39        get_proposal($proposal_id){
40        $query = $this->db->select('*')
41            ->from('proposal')
42            ->where('proposal_id',
43                $proposal_id)
44            ->get();
45        return $query->result();
46    }
47
48    public function
49        get_proposal_by_name($proposal_name){
50        $query = $this->db->select('*')
51            ->from('proposal')
52            ->where('proposal_name',
53                $proposal_name)
54            ->get();
55        return $query->result();
56    }
57
58    public function
59        get_all_barangay_proposals($barangay_code){
60        $query = $this->db->select('*')
61            ->from('proposal')
62            ->where('barangay_code',
63                $barangay_code)
64            ->order_by("date_time", "desc")
65            ->get();
66        return $query->result();
67    }
68
69    public function
70        get_all_user_proposals($id){
71        $query = $this->db->select('*')
72            ->from('proposal')
73            ->where('user_id', $id)
74            ->order_by("status", "asc")
75            ->get();
76        return $query->result();
77    }
78
79    public function get_user_votes($user_id){
80        $query = $this->db->select('*')
81            ->from('voter')
82            ->where('user_id', $user_id)

```

```

70         ->get();
71     return $query->num_rows();
72 }
73
74 public function get_user($proposal_id){
75     $query = $this->db->select('user_id')
76         ->from('proposal')
77         ->where('proposal_id',
78             $proposal_id)
79         ->get();
80     return $query->result();
81 }
82
83 public function get_votes($proposal_id){
84     $query =
85         $this->db->select('proposal_votes')
86         ->from('proposal')
87         ->where('proposal_id',
88             $proposal_id)
89         ->get();
90     return $query->result();
91 }
92
93 public function get_budget($proposal_id){
94     $query = $this->db->select('budget')
95         ->from('proposal')
96         ->where('proposal_id',
97             $proposal_id)
98         ->get();
99     return $query->result();
100 }
101
102 public function get_user_id($proposal_id){
103     $query = $this->db->select('user_id')
104         ->from('proposal')
105         ->where('proposal_id',
106             $proposal_id)
107         ->get('user_id');
108     return $query->result();
109 }
110
111 public function get_all_proposals(){
112     $query = $this->db->select('*')
113         ->from('proposal')
114         ->order_by('date_time', 'desc')
115         ->get();
116     return $query->result();
117 }
118
119 public function
120     get_new_proposals($barangay_code,
121         $last_login){
122     $query = $this->db->select('*')
123         ->from('proposal')
124         ->where('barangay_code',
125             $barangay_code)
126         ->where('date_time >',
127             $last_login)
128         ->get();
129     return $query->result();
130 }
131
132 public function
133     get_all_approved_brgy($barangay_code){
134     $query = $this->db->select('*')
135         ->from('proposal')
136         ->where('status', 'approved')
137         ->where('barangay_code',
138             $barangay_code)
139         ->order_by('proposal_votes',
140             'desc')
141         ->get();
142     return $query->num_rows();
143 }
144
145 public function
146     get_all_approved_brgy_order($barangay_code){
147     $query = $this->db->select('*')
148         ->from('proposal')
149         ->where('status', 'approved')
150         ->where('barangay_code',
151             $barangay_code)
152         ->order_by('date_time', 'desc')
153         ->order_by('proposal_votes',
154             'desc')
155         ->get();
156     return $query->result();
157 }
158
159 public function
160     get_all_approved_brgy_votes($barangay_code){
161     $currYear = date("Y");
162     $query = $this->db->select('*')
163         ->from('proposal')
164         ->where('status', 'approved')
165         ->where('barangay_code',
166             $barangay_code)
167         ->where('proposal_votes >', 0)
168         ->where('year(date_time)',
169             $currYear)
170         ->order_by('proposal_votes',
171             'desc')
172         ->get();
173     return $query->result();
174 }
175
176 public function
177     get_all_approved_brgy_count($barangay_code){
178     $currYear = date("Y");
179     $query = $this->db->select('*')
180         ->from('proposal')
181         ->where('status', 'approved')
182         ->where('barangay_code',
183             $barangay_code)
184         ->where('year(date_time)',
185             $currYear)
186         ->get();
187     return $query->num_rows();
188 }
189
190 public function
191     get_all_approvedwc_brgy($barangay_code){
192     $query = $this->db->select('*')
193         ->from('proposal')
194         ->where('status', 'approved with
195             comment')
196         ->where('barangay_code',
197             $barangay_code)
198         ->get();
199     return $query->result();
200 }
201
202 public function
203     get_all_unapproved_brgy($barangay_code){
204     $query = $this->db->select('*')
205         ->from('proposal')
206         ->where('status', 'not approved')
207         ->where('barangay_code',
208             $barangay_code)
209         ->order_by('date_time', 'desc')
210         ->get();

```

```

189     return $query->result();
190 }
191
192 public function
193     get_unapproved_date($barangay_code){
194     $query = $this->db->select('date_time')
195         ->from('proposal')
196         ->where('status', 'not approved')
197         ->where('barangay_code',
198             $barangay_code)
199         ->get();
200     return $query->result();
201 }
202
203 public function
204     get_approvedwc_date($barangay_code){
205     $query = $this->db->select('date_time')
206         ->from('proposal')
207         ->where('status', 'approved with
208             comment')
209         ->where('barangay_code',
210             $barangay_code)
211         ->get();
212     return $query->result();
213 }
214
215 public function
216     get_approvedwc_by_me($barangay_code,
217     $username){
218     $query = $this->db->select('*')
219         ->from('proposal')
220         ->where('status', 'approved with
221             comment')
222         ->where('approver', $username)
223         ->where('barangay_code',
224             $barangay_code)
225         ->get();
226     return $query->result();
227 }
228
229 public function
230     get_approved_by_me($username){
231     $query = $this->db->select('*')
232         ->from('proposal')
233         ->where('approver', $username)
234         ->get();
235     return $query->result();
236 }
237
238 public function update_proposal($id,
239     $data){
240     $this->db->where("proposal_id", $id);
241     $this->db->update("proposal", $data);
242 }
243
244 public function approve($proposal_id){
245     $query = $this->db->select('status')
246         ->from('proposal')
247         ->where('proposal_id', $user_id)
248         ->get()->row();
249     if($query->account_status=="not
250         approved"){
251     }
252     else return false;
253 }
254
255 public function search($term){
256     $this->$db->like("proposal_name", $term);
257     $this->$db->or_like("proposal_category", $term);
258     return

```

```

310 public function
    get_last_edit($proposal_id){
311     $this->db->select("last_edit");
312     $query =
        $this->db->get_where("proposal",
            array("proposal_id"=>$proposal_id))->result();
313     return $query[0]->last_edit;
314 }
315 public function
    get_proposal_barangay($proposal_id){
316     $this->db->select("barangay_code");
317     $query =
        $this->db->get_where("proposal",
            array("proposal_id"=>$proposal_id))->result();
318     return $query[0]->barangay_code;
319 }
320 public function
    get_proposal_budget($proposal_id){
321     $this->db->select("budget");
322     $query =
        $this->db->get_where("proposal",
            array("proposal_id"=>$proposal_id))->result();
323     return $query[0]->budget;
324 }
325 }
326 }
327 }
328 }
329 }

```

Listing 35: model_proposals.php

```

1 <?php
2 class model_roles extends CI_Model{
3
4     public function get($id){
5         return isset($id)?
6             $this->db->get_where("user_role",array("user_id"
7                 => $id))->result() : 0;
8     }
9     public function user_isPending($id){
10        $this->db->select("account_status");
11        $query =
12            $this->db->get_where("user",array("user_id"=>$id))->result();
13        return $query[0]->account_status=="
14            pending";
15    }
16    public function user_isEnabled($id){
17        $this->db->select("account_status");
18        $query =
19            $this->db->get_where("user",array("user_id"=>$id))->result();
20        return $query[0]->account_status=="
21            enabled";
22    }
23    public function get_user_role($user_id){
24        $query = $this->db->select('role_name')
25            ->from('user')
26            ->join('user_role', 'user.user_id
27                = user_role.user_id', 'inner')
28            ->where('user.user_id', $user_id)
29            ->get->row();
30        return $query;
31    }
32    public function get_user_roles($user_id){
33        $user_roles =
34            $this->db->get_where("user_role",array("user_id"=>$user_id))->result();
35        $role_ids = array();
36        foreach($user_roles as $user_role){

```

```

33         $role_ids[] = $user_role->role_id;
34     }
35     return $role_ids;
36 }
37 public function
    get_user_role_names($user_id){
38     $user_roles
39         = $this->db->get_where("user_role",array("user_id"=>$user_id))->result();
40     $role_names = array();
41     foreach($user_roles as $user_role){
42         $query =
43             $this->db->get_where("role",array("role_id"=>$user_role->role_id))->result();
44         $role_names[$user_role->role_id]
45             = $query[0]->name;
46     }
47     return $role_names;
48 }
49 public function get_roles(){
50     return
51         $this->db->get("role")->result();
52 }
53 public function updateUserRole($user_id,
54     $data){
55     $this->db->set('role_id', $data);
56     $this->db->where('user_id',
57         $user_id);
58     $this->db->update('user_role');
59 }
60 public function
    updateUserRoleName($user_id, $data){
61     $this->db->set('role_id', $data);
62     $this->db->where('user_id',
63         $user_id);
64     $this->db->update('user_role');
65 }
66 }
67 }
68 }
69 }
70 }
71 }
72 }
73 }
74 }
75 }
76 }
77 }
78 }
79 }
80 }
81 }
82 }
83 }
84 }
85 }
86 }
87 }
88 }
89 }
90 }
91 }
92 }
93 }
94 }
95 }
96 }
97 }
98 }
99 }
100 }

```

Listing 36: model_roles.php

```

1 <?php
2 class model_roles extends CI_Model{
3
4     public function get($id){
5         return isset($id)?
6             $this->db->get_where("user",array("user_id"=>$id))->result() : 0;
7     }
8     public function user_isPending($id){
9        $this->db->select("account_status");
10        $query =
11            $this->db->get_where("user",array("user_id"=>$id))->result();
12        return $query[0]->account_status=="
13            pending";
14    }
15    public function user_isEnabled($id){
16        $this->db->select("account_status");
17        $query =
18            $this->db->get_where("user",array("user_id"=>$id))->result();
19        return $query[0]->account_status=="
20            enabled";
21    }
22    public function get_user_role($user_id){
23        $query = $this->db->select('role_name')
24            ->from('user')
25            ->join('user_role', 'user.user_id
26                = user_role.user_id', 'inner')
27            ->where('user.user_id', $user_id)
28            ->get->row();
29        return $query;
30    }
31    public function get_user_roles($user_id){
32        $user_roles =
33            $this->db->get_where("user_role",array("user_id"=>$user_id))->result();
34        $role_ids = array();
35        foreach($user_roles as $user_role){

```

```

25     $query =
26     $this->db->get_where("user",array("username"=>$username))->result();
27     return $query[0]->first_name;
28 }
29 public function get_lname($username){
30     $this->db->select("last_name");
31     $query =
32     $this->db->get_where("user",array("username"=>$username))->result();
33     return $query[0]->last_name;
34 }
35 public function get_barangay($user_id){
36     $this->db->select("barangay_code");
37     $query =
38     $this->db->get_where("user",array("user_id"=>$user_id))->result();
39     return $query[0]->barangay_code;
40 }
41 public function get_lastlogin($user_id){
42     $this->db->select("last_login");
43     $query =
44     $this->db->get_where("user",array("user_id"=>$user_id))->result();
45     return $query[0]->last_login;
46 }
47 public function get_email($username){
48     $this->db->select("email");
49     $query =
50     $this->db->get_where("user",array("username"=>$username))->result();
51     return $query[0]->email;
52 }
53 public function get_email_id($user_id){
54     $this->db->select("email");
55     $query =
56     $this->db->get_where("user",array("user_id"=>$user_id))->result();
57     return $query[0]->email;
58 }
59 public function getAll(){
60     $query = $this->db->get('user');
61     return $query->result();
62 }
63 public function getAll2(){
64     $query = $this->db->get('user');
65     return $query;
66 }
67 }
68 public function
69     getAllBrgy($barangay_code){
70     $query = $this->db->select('*')
71     ->from('user')
72     ->where('barangay_code',
73     $barangay_code)
74     ->get();
75     return $query->result();
76 }
77 public function getUser($id){
78     $query = $this->db->select('*')
79     ->from('user')
80     ->where('user_id', $id)
81     ->get();
82     return $query->result();
83 }
84 public function getEmail($id){
85     $query = $this->db->select('email')
86     ->from('user')
87     ->where('user_id', $id)
88     ->get()->row();
89
90     return $query->result();
91 }
92 public function getUserPassword($id) {
93     $query = $this->db->select('password')
94     ->from('user')
95     ->where('user_id', $id)
96     ->get()->row();
97     return $query->result();
98 }
99 }
100 public function getAllPending() {
101     $query = $this->db->select('*')
102     ->from('user')
103     ->where('account_status',
104     'pending')
105     ->get();
106     return $query->result();
107 }
108 public function getAllPendingCount() {
109     $query = $this->db->select('*')
110     ->from('user')
111     ->where('account_status',
112     'pending')
113     ->get();
114     return $query->num_rows();
115 }
116 public function
117     getAllPendingBrgy($barangay_code){
118     $query = $this->db->select('*')
119     ->from('user')
120     ->where('account_status',
121     'pending')
122     ->where('barangay_code',
123     $barangay_code)
124     ->get();
125     return $query->result();
126 }
127 public function
128     getAllPendingBrgyCount($barangay_code){
129     $query = $this->db->select('*')
130     ->from('user')
131     ->where('account_status',
132     'pending')
133     ->where('barangay_code',
134     $barangay_code)
135     ->get();
136     return $query->num_rows();
137 }
138 public function isPending($user_id) {
139     $query =
140     $this->db->select('account_status')
141     ->from('user')
142     ->where('user_id', $user_id)
143     ->get()->row();
144     if($query->account_status=="pending")
145     return true;
146     return false;
147 }
148 public function approvePending($user_id){
149     $query =
150     $this->db->select('account_status')
151     ->from('user')
152     ->where('user_id', $user_id)
153     ->get()->row();
154     if($query->account_status=="pending"){
155     $this->db->set('account_status',
156     "enabled");
157 }

```

```

152         $this->db->where('user_id',
153             $user_id);
154     }
155     else return false;
156 }
157
158 public function enable($id){
159     $this->db->where("user_id", $id);
160     $this->db->update("user",
161         array("account_status"=>"enabled"));
162 }
163
164 public function update_user($id, $data){
165     $this->db->where("user_id",$id);
166     $this->db->update('user', $data);
167 }
168
169 public function
170     update_username($username, $data){
171     $this->db->where("username",$username);
172     $this->db->update("user", $data);
173 }
174
175 public function update_useremail($email,
176     $data){
177     $this->db->where("email",$email);
178     $this->db->update("user", $data);
179 }
180
181 public function
182     update_last_login($username, $date){
183     $this->db->where("username", $username);
184     $this->db->update("user",
185         array("last_login" =>$date));
186 }
187
188 public function get_search() {
189     $match = $this->input->post('search');
190     $this->db->like('username',$match);
191     $this->db->or_like('first_name',$match);
192     $this->db->or_like('last_name',$match);
193     $this->db->or_like('email',$match);
194     $query = $this->db->get('user');
195     return $query->result();
196 }
197
198 public function
199     get_search_brgy($barangay_code){
200     $match = $this->input->post('search');
201     $this->db->like('barangay_code',
202         $barangay_code);
203     $this->db->like('username',$match);
204     $query = $this->db->get('user');
205     return $query->result();
206 }
207 }
208 ?>

```

Listing 37: model_users.php

Views

```

1 <link rel="stylesheet" type="text/css"
  href="<? echo
    base_url();?>/assets/css/style.css">
2 <link rel="stylesheet" type="text/css"
  href="<? echo
    base_url();?>/assets/css/flexslider.css">
3 <link rel="stylesheet" type="text/css"
  href="<? echo
    base_url();?>/assets/css/ie.css">
4 <link rel="stylesheet" type="text/css"
  href="<? echo
    base_url();?>/assets/css/normalize.css">
5 <link rel="stylesheet" type="text/css"
  href="<? echo
    base_url();?>/assets/css/foundation.min.css">
6 <style>
7 .beside img {
8   float: left;
9
10 }
11
12 .beside h1 {
13   position: relative;
14   top: 18px;
15   left: 10px;
16 }
17 </style>
18
19 <div class="beside">
20   
22   <?php
23     echo "<h1>Accounts</h1>";
24     echo "<br>";
25     echo "You are logged in as " .
26       $this->session->userdata('first_name') .
27       " " .
28       $this->session->userdata('last_name')
29       . " ";
30     echo "<br> You are currently logged in
31       as: <b>" .
32       $this->session->userdata('username')
33       . " </b><br>";
34     echo "Your account type: " .
35       $this->session->userdata('type') . "
36       <br><br>";
37
38     echo "<h2>Manage Accounts</b></h2>";
39
40   ?>
41 </div>
42 <a href="<?php echo
43   (site_url('accounts/editOwnAccount'))?>">Edit
44   My Account</a> <br>
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
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76
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78
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80
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87
88
89
90
91
92
93
94
95
96
97
98
99
100

```

Listing 38: citizen/vAccounts.php

```

?>" />
9 <script>
10 var numRows = 2, ti = 5;
11
12 function isNumber(n) {
13   return !isNaN(parseFloat(n)) &&
14     isFinite(n);
15 }
16
17 function recalc() {
18   var lt = 0,
19     wt = 0,
20     tt = 0;
21   $("#turfs").find('tr').each(function () {
22     var a =
23       $(this).find('input.item').val();
24     var l =
25       $(this).find('input.length').val();
26     var w =
27       $(this).find('input.width').val();
28     var dateTotal = (l * w);
29
30     $(this).find('input.row-total').val(dateTotal
31       ? dateTotal : "");
32     wt += isNumber(w) ? parseInt(w, 10) :
33       0;
34     lt += isNumber(l) ? parseInt(l, 10) :
35       0;
36     tt += isNumber(dateTotal) ? dateTotal
37       : 0;
38
39     if(parseInt(l) < 0 || parseInt(w) < 0
40       || parseInt(dateTotal) < 0) {
41       alert("Please enter positive values
42         only.");
43     }
44
45     if ((a === '') && ((l != '') || (w !=
46       ''))) {
47       alert("Check current row: Item
48         cannot be left blank.");
49     }
50
51     if ((l === '') && (w != '')) {
52       alert("Check current row: Price
53         cannot be left blank.");
54     }
55
56     if (w == '0') {
57       alert("Quantity should be at least
58         1.");
59     }
60
61     if((jQuery.trim(l).length != '0') &&
62       isNaN(l)) {
63       alert("Check current row: Enter
64         numerical values only for
65         Price.");
66     }
67
68     if((jQuery.trim(w).length != '0') &&
69       isNaN(w)) {
70       alert("Check current row: Enter
71         numerical values only for
72         Quantity.");
73     }
74   });
75
76   $("#length-grand-total").html(lt);
77   $("#width-grand-total").html(wt);
78   $("#table-grand-total").html(tt);
79
80 }
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

```

```

61
62 function addRow() {
63
64     $('#addr' + numRows).html("<td
        class='item'" + "<input type='text'
        input name='item[" + numRows + "]"'
        class='item form-control
        input-md'"></td> <td
        class='length'"><input name='price["
        + numRows + "]"' type='text'
        class='length form-control input-md'
        value='' tabindex='" + (ti++) + "'
        /></td><td class='width'"><input
        name='quantity[" + numRows + "]"'
        type='text' class='width
        form-control input-md' value=''
        tabindex='" + (ti++) + "' /></td>
        <td class='row-total'"><input
        type='text' name='cost[" + numRows +
        "]"' class='row-total form-control'
        value='' readonly /></td>");
65     $('#turf tr:last').after('<tr id="addr' +
        (numRows + 1) + "'
        class="calculation visible"></tr>');
66     numRows++;
67 }
68
69 function delRow() {
70     if (numRows > 1) {
71         $('#addr' + (numRows - 1)).remove();
72         numRows--;
73     }
74 }
75 $(function () {
76     $('#turf').on("click", ".calculation",
77         recal);
78     $('#turf').on("keyup blur",
79         ".form-control", recal);
80     $('#add_row').on("click",function()
81         {addRow()});
82     $('#delete_row').on("click",function()
83         {delRow()});
84 });
85
86 function calculateSum() {
87     var sum = 0;
88     $(".row-total").each(function () {
89         //add only if the value is number
90         if (!isNaN(this.value) &&
91             this.value.length !== 0) {
92             sum += parseFloat(this.value);
93         }
94     });
95     //toFixed() method will roundoff the
96     //final sum to 2 decimal places
97     $(".table-total").val(sum.toFixed(2));
98 }
99
100 function calculateRow() {
101     $('.length, .width').keyup(function () {
102         var rowtotal = 0;
103         var $row = $(this).closest("tr");
104         var length =
105             parseFloat($row.find('.length').val());
106         var width =
107             parseFloat($row.find('.width').val());
108         rowtotal = length * width;
109         alert($("#width").val()); //remove
110         //after testing
111     });
112     if (isNaN(rowtotal)) {
113         $row.find('.row-total').val("Missing
114         an Input");
115     } else {
116         $row.find('.row-total').val(rowtotal);
117         $data['row_total'] =
118             $row.find('.row-total').val(rowtotal);
119     }
120     calculateSum();
121 });
122
123 </script>
124 </head>
125 <body>
126 <h3>Create a budget plan</h3>
127
128 Please fill out the forms carefully. <br>
129 The cost column need not be filled in, it it
130 will be automatically computed. <br>
131 You may <b>add a new row</b> and also
132 <b>delete the current/last row</b> you
133 are working on. <br>
134 <u>Note:</u> To be sure about the total cost
135 of the budget plan, make sure that you
136 click any field in the table before
137 submission <br>(especially when a row
138 is deleted). <br>
139
140 <div align = "right">
141 <a id="add_row" class="btn btn-default
142     pull-left"><span class="glyphicon
143     glyphicon-plus-sign"></span> (+) Add
144     New Row </a>
145     &nbsp; &nbsp; &nbsp; | &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;
146     <a href="#" id='delete_row'
147         class="pull-right btn
148         btn-default"><span class="glyphicon
149         glyphicon-minus-sign"></span> (-)
150         Delete Current Row</a>
151 </div>
152 <br>
153 <table class="table table-striped
154     table-bordered table-condensed
155     tab_logic turf" id="turf">
156     <thead>
157         <tr class="persist headings">
158             <td colspan="3"><a class="toggle"
159                 tabindex="997"
160                 href="#">Budget Plan for
161                 <?php echo
162                 $proposal->proposal_name .
163                 "<br>Barangay " .
164                 $proposal->barangay_code
165                 ;?></a>
166             <td tabindex="998"><a
167                 class="toggle" href="#">Date:
168                 <?php echo date("Y-m-d
169                 H:i:s"); ?> </a>
170             </td>
171         </tr>
172         <tr class="headings">
173             <td class="heading">Item</td>
174             <td class="heading">Price (in
175                 Php)</td>
176             <td class="heading">Quantity</td>
177             <td class="heading">Cost</td>
178         </tr>
179     </thead>
180     <tfoot>
181         <tr class="grand-total persist">
182             <td colspan="3">Total Cost</td>
183         </tr>
184     </tfoot>
185 </table>

```

```

150         <td> </td> <td> </td>
151         <td id="table-grand-total"></td>
152     </tr>
153 </tfoot>
154 <tbody>
155     <tr id='addr1' class="calculation
156         visible">
157         <td class="item">
158         <input type="text" name="item[1]"
159             class="item form-control
160             input-md" value="" />
161     </td>
162     <td class="length">
163     <input type="text"
164         name="price[1]"
165         class="length
166         form-control input-md"
167         value="" tabindex="1" />
168 </td>
169     <td class="width">
170     <input type="text"
171         name="quantity[1]"
172         class="width form-control
173         input-md" type="text"
174         value="" tabindex="2" />
175 </td>
176     <td class="row-total">
177     <input type="text"
178         name="cost[1]"
179         class="row-total
180         form-control" value=""
181         readonly />
182 </td>
183     <input type="hidden"
184         name="proposal_id[1]"
185         value="<?php echo
186         $proposal->proposal_id; ??" />
187 </tr>
188 </tbody>
189 </table>
190 <input type="submit" name="mysubmit"
191     value="Submit" />
192 </form>
193 </body>
194 </html>

```

Listing 39: citizen/vCreate_Budget_Plan.php

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title> Create a Project Proposal </title>
5 </head>
6 <body>
7 <?php
8 $proposal_category_options = array(
9     '0' => 'Choose a category',
10    'Communication' => 'Communication',
11    'Crime Prevention' => 'Crime
12        Prevention',
13    'Education' => 'Education',
14    'Events' => 'Events',
15    'Health' => 'Health',
16    'Infrastructure' => 'Infrastructure',
17    'Livelihood' => 'Livelihood',
18    'Senior Citizen' => 'Senior Citizen',
19    'Sports & Recreation' => 'Sports &
20        Recreation',

```

```

19    'Technology' => 'Technology',
20    'Utilities' => 'Utilities',
21    'Waste Management' => 'Waste
22        Management',
23    'Youth' => 'Youth'
24    );
25 $description = array(
26     'name' => 'description',
27     'value' => set_value("description"),
28     'rows' => '10',
29     'cols' => '60',
30 );
31 $objective = array(
32     'name' => 'objective',
33     'value' => set_value("objective"),
34     'rows' => '10',
35     'cols' => '60',
36 );
37 $benefit = array(
38     'name' => 'benefit',
39     'value' => set_value("benefit"),
40     'rows' => '10',
41     'cols' => '60',
42 );
43 <?
44 <h1>Create a Project Proposal</h1>
45 <?php foreach ($users as $user){ echo "Hi,
46     ". $user->first_name . " " .
47     $user->last_name . " (" .
48     $user->username . ")!<br>";
49 echo "You will be creating a project
50 proposal for <b>Barangay " .
51 $user->barangay_code . "</b><br>";
52 echo "After this, your next step will be
53 creating a <b>Budget Plan</b> for your
54 proposed project. <br>";
55 echo "Please fill out the form. You will be
56 given a notification if your project
57 proposal is approved by a barangay
58 official.<br>";
59 echo "<font color=f06060>TIP:</font> See
60 approved project proposals in your
61 barangay <a href= " .
62 (site_url('/proposals/view_approved/' . $user->barangay_code
63     ."here. </a> <br>";
64 } ?>
65 <?form_open(base_url()."citizen/create_proposal/")?>
66 <br><br>
67 <table>
68 <tr>
69 <td><b>Project Title</b> <font
70     color="ff0000"> * </td>
71 </tr>
72 <tr>
73 <td><?form_input(array("name"=>"proposal_name", "size"=
74     <td><?form_error("proposal_name")?></td>
75 </tr>
76 <tr>
77 <td><b>Project Category</b></td>
78 </tr>
79 <tr>
80 <td><?form_dropdown('proposal_category',
81     $proposal_category_options,
82     '0')?></td>
83 <td><?form_error("proposal_category")?></td>
84 </tr>
85 <tr>

```

```

74         <td><b>Problem Statement</b> <font
              color="ff0000"> * </td>
75     </tr>
76     <tr>
77         <td><?=form_textarea($description)?></td>
78         <td><?=form_error("description")?></td>
79     </tr>
80
81     <tr>
82         <td><b>Objective</b> <font
              color="ff0000"> * </td>
83     </tr>
84     <tr>
85         <td><?=form_textarea($objective)?></td>
86         <td><?=form_error("objective")?></td>
87     </tr>
88
89     <tr>
90         <td><b>How will this benefit my
              community?</b> <font
              color="ff0000"> * </td>
91     </tr>
92         <td><?=form_textarea($benefit)?></td>
93         <td><?=form_error("benefit")?></td>
94     </tr>
95
96     <tr align = "right">
97         <td align =
              "right"><?=form_submit(array("name"=>"submit",
              "value"=>"Submit"))?>
98         <td align = "right"> <input
              type="button" value="Cancel"><a
              href="<?php echo
              base_url('/citizen/proposals')?>"
              ?"></input></a> </td>
99     </tr>
100 </table>
101
102 <?=form_close()?>
103 <br><br>
104 <a
              href="<?=site_url('/citizen/proposals')?>"
              <br>< Back to Proposals Page </a>
105 </body>
106 </html>

```

Listing 40:
citizen/vCreate_Proposal.php

```

13         vertical-align:middle;
14     }
15     .container .box{
16         width:700px;
17         height:auto;
18         border:1px dashed #f06060;
19         background: #fffdec;
20         margin:0 auto;
21     }
22 </style>
23
24 <div align=right>
25 <?php
26     date_default_timezone_set('Asia/Manila');
27     $curr_time = date("Y-m-d H:i:s");
28     $currDate = date('Y-m-d H:i:s');
29
30     $userBrgy =
31         $this->session->userdata('barangay_code');
32     $startDate =
33         $this->model_barangays->get_voting_period_start($userBrgy);
34     $endDate =
35         $this->model_barangays->get_voting_period_end($userBrgy);
36
37     echo "<font color=gray>Last login " .
38         $this->session->userdata('last_login')
39         . "</font><br>";
40
41     <?php
42
43     $userBrgy =
44         $this->session->userdata('barangay_code');
45     echo "<h2> Welcome, " .
46         $this->session->userdata('first_name') .
47         " " .
48         $this->session->userdata('last_name') .
49         "!</h2>";
50     echo "You are currently logged in as: <b>" .
51         $this->session->userdata('username') .
52         "</b><br>";
53     echo "Your account type: <b>" .
54         $this->session->userdata('type') .
55         "</b><br>";
56     echo "Your barangay: <b>Barangay " .
57         $this->session->userdata('barangay_code')
58         . "</b><br><br>";
59     ?>
60 <center>
61 <div class="container">
62 <div class="box">
63 load->helper('html');
69     $userID =
70         $this->session->userdata('user_id');
71     $userName =
72         $this->session->userdata('username');
73     $lastLogin =
74         $this->model_users->get_lastlogin($userID);
75
76     $proposals =
77         $this->model_proposals->get_all_user_proposals($userBrgy);

```

```

1 <link rel="stylesheet" type="text/css"
      href="<? echo
      base_url();?>/assets/css/style.css">
2 <link rel="stylesheet" type="text/css"
      href="<? echo
      base_url();?>/assets/css/flexslider.css">
3 <link rel="stylesheet" type="text/css"
      href="<? echo
      base_url();?>/assets/css/ie.css">
4 <link rel="stylesheet" type="text/css"
      href="<? echo
      base_url();?>/assets/css/normalize.css">
5 <link rel="stylesheet" type="text/css"
      href="<? echo
      base_url();?>/assets/css/foundation.min.css">
6 <style>
7 .column-left{ float: left; width: 33%; }
8 .column-right{ float: right; width: 33%; }
9 .column-center{ display: inline-block;
10 width: 33%; }
11
12 .container{
13     display:table-cell;

```



```

138 $num_projects = 177 else if ($project->actual_budget ==
    $this->model_projects->get_num_user_projects($userID); 0.00){
139 if ($num_projects != 0){ 178 echo "Its actual budget is not
140 $projects = 179 yet finalized by the
    $this->model_projects->get_all_user_projects($userID); Sangguniang Barangay. <br>";
141 } 179
142 foreach ($projects as $project){ 180 }
143 echo "Your project proposal, <b>" . 181
    $project->project_name . "</b>" 182 }
    is included in the top barangay 183
    projects.<br>"; 184 ?>
144 185 </br>
145 if (($project->actual_budget != 186 </center>
    0.00)){ 187 </div></div>
146 echo "Its actual budget has been 188
    finalized as well (Php " . 189 <?php
    $project->actual_budget . ") 190 echo "<center>";
    <br>"; 191 echo "<h1>What do you want to do? </h1>";
147 192 echo "<br><br>";
148 $action_plan = 193 ?>
    $this->model_projects->get_action_plan($project->project_id);
149 194 <div class="column-left">
150 if ($action_plan != 0){ 195 ">
    site_url('/citizen/projects/rate_project/' 197 <a href="<?php echo
    . $project->project_id 198 (site_url('/citizen/proposals/'))?>">
    . ">Click here to update 199 <h1> Proposals </h1> </a>
    rating </a><br>"; 200 <a href="<?php echo
152 if ($project->rating == 0){ 201 (site_url('/citizen/proposals/create_proposal'))
153 echo "Current rating: 0 198 a Barangay Proposal</a> <br>
    stars. "; 199 <?php
154 } 200 if (($startDate != NULL) &&
155 else if (($project->rating > 201 ($endDate != NULL)){
    0.0) && ($project->rating 202 if (($startDate <= $currDate)
    <= 0.25)){ 203 && ($endDate >=
156 echo ""; 206 (site_url('/proposals/view_approved/'
157 } 207 . $userBrgy)) . ">Vote
158 else if (($project->rating > 208 for a Barangay
    0.25) && ($project->rating 209 Proposal</a> <br>";
    <= 0.5)){ 210 }
159 echo ""; 213 echo "";
160 } 214 }
161 else if (($project->rating > 215 ?>
    0.50) && ($project->rating 216 <a href="<?php echo
    <= 0.75)){ 217 (site_url('/proposals/'))?>">View
162 echo ""; 220 <br>
163 } 221 <a href="<?php echo
164 else if (($project->rating > 222 (site_url('/citizen/proposals/view_all_proposal
    0.75) && ($project->rating 223 All Proposals</a><br>
    < 1.0)){ 224 <a href="<?php echo
165 echo ""; 227 <a href="<?php echo
166 } 228 (site_url('/citizen/proposals/view_my_proposals
167 else if ($project->rating == 1){ 229 My Proposals</a> <br>
168 echo "
    . ">"; 232 
170 } 234 <a href="<?php echo
171 else { 235 (site_url('/citizen/accounts'))?>">
172 echo "Wait for the action plan 236 <h1> Accounts </h1> </a>
    so that you can rate.<br>"; 237 <a href="<?php echo
173 } 238 (site_url('/accounts/editOwnAccount'))?>">My
174 239 account</a> <br>
175 240
176 } 241 </div>

```

```

221 <div class="column-right">
222 
223 <a href="<?php echo
(site_url('/citizen/projects/'))?>">
<h1> Projects </h1> </a>
224 <a href="<?php echo
(site_url('/citizen/projects/view_barangay_projects/'))
.$userBrgy ?>">View
Barangay Projects</a> <br>
225 <a href="<?php echo
(site_url('/citizen/projects/view_barangay_projects_map/'))
.$userBrgy)?>">Monitor My
Barangay</a> <br>
226 <a href="<?php echo
(site_url('/citizen/projects/view_all_projects_map/'))?>">Monitor
My City (All Barangays)</a>
<br>
227 </div>
228 </center>

```

Listing 41: citizen/vDashboard.php

```

1 <html>
2 <center>
3 <?php
4 if ($num_projects > 0){
5
6     if ($num_projects == 1){
7         echo "<h1>Announcement</h1>";
8         foreach ($projects as $project){
9
10            echo "The budget for the project
proposal,";
11            echo "<b><a href=" .
site_url('/citizen/projects/view_project/'
.$project->project_id) . "> "
.$project->project_name .
"</a></b> has been approved
and reevaluated by ";
12            $sql = "SELECT first_name,
last_name FROM user INNER
JOIN project ON user.username
= project.evaluator WHERE
project.project_id =
$project->project_id";
13
14            $exec =
$this->db->query($sql);
15
16            if
($exec->num_rows()
> 0){
17                foreach($exec->result()
as
$data){
18                    echo
"<b>"
.$data->first_name
"
.$data->last_name.
"
";
19                }
20            }
21            echo " (" .
$project->evaluator
.") </b> .
<br>";
38
39            echo "Select Action: &nbsp;   ";
$actionPlanExists =
$this->model_projects->get_action_plan_count($p
);
40            if ($actionPlanExists > 0){
41                echo " <a href=" .
site_url('/citizen/projects/view_action_plan/'
.$project->project_id)
.">View Action Plan
</a><br><br><br>";
42            }
43            else {
44            }
45            else if ($num_projects > 1){
46                echo "<h1>Announcement</h1>";
47                echo "The budget for the following
project proposals has been
evaluated already, and will be
submitted to the people
in-charge: <br><br>";
48                foreach ($projects as $project){
49                    echo "<b> " .
$project->project_name
. "</b> <br>";
50                    echo "Budget evaluated and
finalized by: ";
51                    $sql = "SELECT first_name,
last_name FROM user
INNER JOIN project ON
user.username =
project.evaluator WHERE
project.project_id =
$project->project_id";
52                    $exec =
$this->db->query($sql);
53                    if
($exec->num_rows()
> 0){
54                        foreach($exec->result()
as
$data){
55                            echo
"<b>"
.$data->first_name
"
.$data->last_name.
"
";
56                        }
57                    }
58                    echo " (" .
$project->evaluator
.") </b> .
<br>";
59                    echo " <a href=" .
site_url('/citizen/projects/view_project/'
.$project->project_id) . ">More
Information </a> | ";
60                }
61                $addressExists =
$this->model_projects->get_address($project->proj
);
62                if (($addressExists != 0) ||

```



```

65         }
66
67         else {
68             echo "Please wait for the
                announcement of the
                top proposals in your
                barangay. <br><br>";
69         }
70
71     }
72 }
73
74
75 ?>
76
77 <h2>More </h2>
78
79 <a href="<?php echo
    (site_url('/citizen/proposals/create_proposal/'))?>">Create
    a Barangay Proposal</a> <br>
80 <?php
81 if (($startDate != NULL) && ($endDate !=
    NULL)){
82     if (($startDate <= $currDate) &&
        ($endDate >= $currDate)){
83         echo "<a href=" .
            (site_url('/proposals/view_approved/'
                . $userBrgy)) . ">Vote for a
                Barangay Proposal</a> <br>";
84     }
85 }
86 ?>
87 <a href="<?php echo
    (site_url('/proposals/'))?>">View All
    Approved Proposals</a> <br>
88 <br>
89 <a href="<?php echo
    (site_url('/citizen/proposals/view_all_proposals/'))?>">View
    All Proposals</a><br>
90 <a href="<?php echo
    (site_url('/citizen/proposals/view_barangay_proposals/'))?>">View
    Proposals in Barangay</a> <br>
91 <a href="<?php echo
    (site_url('/citizen/proposals/view_my_proposals/'))?>">View
    My Proposals</a> <br>
92 </html>

```

Listing 43: citizen/vProposals.php

```

1 <h3>Rate Project Based on Action Plan </h3>
2 Since the project has began, you may now
   rate the project that you proposed. <br>
3
4
5 <a href="<?php echo
    site_url('/barangay_officer/projects/')
    ?>"> < Back to Projects</a>
6 <form method="post" accept-charset="utf-8"
    action="<?php
    site_url('citizen/projects/rate_project/' . $project->project_id)
    ?>" />
7
8 <br><br>
9
10 <ol>
11 <?php
12 echo "<b><u>Action plan for ".
    $project->project_name . "</b></u>";
13
14 echo "<br><br>";
15 echo "<table>";
16     echo "<tr><td> <b>Action</b> </td>";

```

Listing 44: citizen/vRate_Project.php

```

3  .column-left{ float: left; width: 33%; }
4  .column-right{ float: right; width: 33%; }
5  .column-center{ display: inline-block;
6      width: 33%; }
7  </style>
8
9  <?php $search_query =
10     $this->input->post('search'); ?>
11  <h3>View All Proposals - Search Results for
12     <i><?php echo $search_query; ?></i></h3>
13  Here are the results for your search
14     <i><?php echo $search_query; ?></i>.
15     <br>
16  You may click "More Info" for more
17     information about the proposed project.
18     <br><br>
19  <div class="column-left">
20     <br>
21     <table>
22     <?form_open() ?>
23     <?php
24         echo form_open(base_url()."proposals");
25         $barangay_options = array(
26             '0' => 'Choose barangay no.',
27             '1' => '1',
28             '2' => '2',
29             '175' => '175',
30             '176' => '176',
31         );
32         echo "<tr><td><b> Sort by </b></td>" ;
33     ?>
34     <td>
35     <form action="..">
36     <select name="mySelectbox">
37
38         <option value="<?php echo
39             base_url()>proposals/">Select</option>
40         <option value="<?php echo
41             base_url()>citizen/proposals/view_all_proposals">All Proposals</option>
42         <option value="<?php echo
43             base_url()>citizen/proposals/view_barangay_proposals">All in
44             Barangay</option>
45     </select>
46     </td>
47     <td>
48     <input type="button"
49         onclick="window.open(this.form.mySelectbox.options[this.form.mySelectbox.selectedIndex].value,'_top')"
50         value="Go">
51     </td>
52     </tr>
53     </form>
54     </table>
55     </div>
56
57     <div class="column-right">
58     <table border="0">
59     <?form_open('proposals/search_all_proposals'); ?>
60     <?php $search =
61         array('name'=>'search', 'id'=>'search', 'value'=>""), ?>
62     <td>
64     </td>
65     <td><?form_input($search);?></td>
66     <td> <input type=submit value='Search'
67         /></td>
68     </tr></p>
69     <?form_close();?>
70     </table>
71     </div>
72
73     <br><br><br><br><br>
74     <table border="1">
75     <?php
76     $lastLogin =
77     $this->session->userdata('last_login');
78     if(!empty($proposals)){
79         echo "<tr>";
80         echo "<td><b> Proposal Title </b></td>";
81         echo "<td><b> Brgy </b></td>";
82         echo "<td><b> Description </b></td>";
83         echo "<td><b> Date </b></td>";
84         echo "<td><b> Category </b></td>";
85         echo "<td><b> Budget </b></td>";
86         echo "<td><b> Status </b></td>";
87         echo "<td><b> More Info </b></td>";
88         echo "<tr>";
89
90         foreach($proposals as $proposal){
91             if ($proposal->date_time > $lastLogin){
92                 echo "<tr>";
93                 echo "<td><font color=f06060>" .
94                     $proposal->proposal_name .
95                     "</td></font>";
96                 echo "<td><font color=f06060>" .
97                     $proposal->barangay_code .
98                     "</td></font>";
99                 echo "<td><font color=f06060>" .
100                    $proposal->description .
101                    "</td></font>";
102                 echo "<td><font color=f06060>" .
103                    $proposal->date_time .
104                    "</td></font>";
105                 echo "<td><font color=f06060>" .
106                    $proposal->proposal_category .
107                    "</td></font>";
108                 if ($proposal->budget == 0) {
109                     echo "<td> None yet </td>";
110                 }
111                 else{
112                     echo "<td><a href=" .
113                         base_url()."citizen/proposals/view_budget_proposal/" .
114                         $proposal->proposal_id .
115                         ".php" .
116                         "> </a>";
117                     echo "<td><font color=f06060>" .
118                         $proposal->proposal_name .
119                         "</td>";
120                     echo "<td>" . $proposal->barangay_code

```

```

111         . "</td>";
112     echo "<td>" . $proposal->description .
113         "</td>";
114     echo "<td>" . $proposal->date_time .
115         "</td>";
116     echo "<td>" .
117         $proposal->proposal_category .
118         "</td>";
119     if ($proposal->budget == 0) {
120         echo "<td> None yet </td>";
121     }
122     else{
123         echo "<td><a href=" .
124             base_url()."citizen/proposals/view_my_proposals/".$proposal_id"
125             . "> Php" .
126             number_format($proposal->budget)
127             . "</a></td>";
128     }
129     echo "<td>" . $proposal->status .
130         "</td>";
131
132     $form = array();
133     $form['proposal_id'] =
134         $proposal->proposal_id;
135     echo "<td><a
136         href='".$base_url()."citizen/proposals/view_my_proposals/".$proposal_id."'>
137         More </td></a>";
138
139     echo "</tr>";
140 }
141 }
142 else {
143     echo "<b>There are no project proposals
144     to show. </b></br>";
145     echo "<a href=" .
146         site_url('/citizen/proposals') . "> <
147         Back to Proposals Page </a>";
148
149 }
150 ?>
151 </table>
152 <br><br>
153 <a
154     href="<?=site_url('/citizen/proposals')?>">
155     < Back to Proposals Page </a>
156 </html>

```

Listing 45:
citizen/vSearch_All_Proposals.php

```

14 <?=form_open() ?>
15 <?php
16     echo form_open(base_url()."proposals");
17     $barangay_options = array(
18         '0' => 'Choose barangay no.',
19         '1' => '1',
20         '2' => '2',
21         '175' => '175',
22         '176' => '176',
23     );
24     echo "<tr><td><b> Sort by </b></td>" ;
25
26     $proposal_id = $proposal->proposal_id;
27     $width = '600';
28     $height = '600';
29     $scrollbars = 'yes';
30     $resizable = 'yes';
31
32     <form action="..">
33     <select name="mySelectbox">
34
35     <option value="<?php echo
36         base_url()?>proposals/">Select</option>
37     <option value="<?php echo
38         base_url()?>citizen/proposals/view_my_proposals">My
39         Proposals</option>
40     <option value="<?php echo
41         base_url()?>citizen/proposals/view_all_proposals">All
42         Proposals</option>
43     <option value="<?php echo
44         base_url()?>citizen/proposals/view_barangay_proposals">
45         in Barangay</option>
46 </select>
47 </td>
48 <td>
49     <input type="button"
50         onclick="window.open(this.form.mySelectbox.options[this.form.
51         mySelectbox.selectedIndex].value,'Go')>
52 </td>
53 </tr>
54 </form>
55 </table>
56 </div>
57 <div class="column-right">
58 <table border="0">
59 <tr>
60 <td>
62 </td><td><?=form_input($search);?></td>
63 <td> <input type=submit value='Search'
64     /></td>
65 </tr></table>
66 </div>
67 <br><br><br><br>
68 <table border="1">
69 <tr>
70 <td><?=form_close();?>
71 </td>
72 </tr>
73 </table>

```

```

74 if(!empty($proposals)){
75     echo "<tr>";
76     echo "<td><b> Proposal Title </b></td>";
77     echo "<td><b> Brgy </b></td>";
78     echo "<td><b> Objective </b></td>";
79     echo "<td><b> Date </b></td>";
80     echo "<td><b> Category </b></td>";
81     echo "<td><b> Budget </b></td>";
82     echo "<td><b> Status </b></td>";
83     echo "<td><b> More Info </b></td>";
84     echo "<tr>";
85
86     foreach($proposals as $proposal){
87         echo "<tr>";
88         echo "<td>" . $proposal->proposal_name
89             . "</td>";
90         echo "<td>" . $proposal->barangay_code
91             . "</td>";
92         echo "<td>" . $proposal->objective .
93             "</td>";
94         echo "<td>" . $proposal->date_time .
95             "</td>";
96         echo "<td>" .
97             $proposal->proposal_category .
98             "</td>";
99         if ($proposal->budget == 0) {
100             echo "<td> None yet </td>";
101         }
102         else{
103             echo "<td>" .
104                 anchor_popup('proposals/view_budget_proposal/' . $proposal->proposal_id,
105                     "Php " .
106                     number_format($proposal->budget,2)
107                     . "<br>" , $popup_attributes);
108         }
109         echo "<td>" . $proposal->status .
110             "</td>";
111
112         $form = array();
113         $form['proposal_id'] =
114             $proposal->proposal_id;
115         echo "<td><a
116             href='".base_url()."citizen/proposals/view_proposal/".$proposal->proposal_id.""'>
117             More </td></a>";
118         echo "</tr>";
119     }
120 }
121 else {
122     echo "<b>There are no project proposals
123         to show. </b></br>";
124 }
125 ?>
126 </table>
127 <br><br>
128 <a
129     href="<?=site_url('/citizen/proposals')?>">
130     < Back to Proposals Page </a>
131 </html>

```

Listing 46:
citizen/vView_All_Proposals.php

```

1 <hr>
2 <?php
3     $popup_attributes = array(
4         'width' => '600',

```

```

5         'height' => '600',
6         'scrollbars' => 'yes',
7         'resizable' => 'yes'
8     );
9
10 if ($projects_count == 0){
11     echo "<h1>There are no approved projects
12         yet in Barangay ". $barangay_choice .
13         "</h1>";
14 }
15 else {
16     echo "<center>Here are the projects in
17         Barangay ". $barangay_choice . " that
18         garnered the highest votes. | <a
19         href=" .
20         site_url('/citizen/projects/view_barangay_projects_map/'
21             . $barangay_choice) . "> View Barangay
22         Map </a></center><br>";
23     foreach ($projects as $project){
24         echo "<h1>" . $project->project_name
25             . "</h1>";
26         echo "<b>Project idea by: </b>";
27
28         $sql = "SELECT first_name FROM user
29             INNER JOIN project ON
30             user.user_id = project.user_id
31             WHERE project.project_id =
32             $project->project_id";
33         $exec = $this->db->query($sql);
34
35         if ($exec->num_rows() > 0){
36             foreach($exec->result() as
37                 $data){
38                 echo $data->first_name. " ";
39             }
40         }
41
42         $sql = "SELECT last_name FROM user
43             INNER JOIN project ON
44             user.user_id = project.user_id
45             WHERE project.project_id =
46             $project->project_id";
47         $exec = $this->db->query($sql);
48
49         foreach($exec->result() as
50             $data){
51             echo $data->last_name. "
52                 (<b>";
53         }
54     }
55
56     $sql = "SELECT username FROM user
57         INNER JOIN project ON
58         user.user_id = project.user_id
59         WHERE project.project_id =
60         $project->project_id";
61     $exec = $this->db->query($sql);
62
63     if ($exec->num_rows() > 0){
64         foreach($exec->result() as
65             $data){
66             echo $data->username. "</b>";
67             <br> ";
68         }
69     }
70
71     echo "<b>Final approval by (based on
72         votes): </b>";
73
74     $sql = "SELECT first_name FROM user
75         INNER JOIN project ON

```

```

        user.username =
        project.approver WHERE
        project.project_id =
        $project->project_id";
50 $exec = $this->db->query($sql);
51
52 if ($exec->num_rows() > 0){
53     foreach($exec->result() as
54         $data){
55         echo $data->first_name. " ";
56     }
57 }
58 $sql = "SELECT last_name FROM user
        INNER JOIN project ON
        user.username =
        project.approver WHERE
        project.project_id =
        $project->project_id";
59 $exec = $this->db->query($sql);
60
61 if ($exec->num_rows() > 0){
62     foreach($exec->result() as
63         $data){
64         echo $data->last_name. " ";
65     }
66 }
67 echo "(" . $project->approver . ")
        <br>";
68 echo "<b>Proposed Budget: </b>" .
        anchor_popup('citizen/proposals/view_budget_proposal/' . $project->proposal_id,
        "Php " .
        number_format($project->budget,2)
        . "<br>", $popup_attributes);
69
70 if (($project->actual_budget == NULL)
        || ($project->actual_budget == 0)
        || ($project->actual_budget ==
        0.00)){
71     echo "<b>Actual Budget: </b>"
        <i>No budget plan yet.
        </i><br>";
72 }
73 }
74 else {
75     echo "<b>Actual Budget: </b>" .
        anchor_popup('citizen/projects/view_budget_plan/' . $project->project_id,
        "Php " .
        number_format($project->actual_budget,2)
        , $popup_attributes);
76     echo "<br>";
77 }
78 echo "<b>Date approved: </b>".
        $project->date_approved . "<br>";
79 echo "<br>";
80 echo "<b>Problem Statement: </b>" .
        $project->description . "<br>";
81 echo "<b>Objective: </b>" .
        $project->objective . "<br>";
82 echo "<b>How it Benefits the Community
        </b>" . $project->benefit . "<br>";
83 echo "<br>";
84 echo "<div align=right><a
        href='".base_url()."citizen/projects/view_project/' . $project->project_id.'">
        More Information on this
        Project</a></div>";
85 echo "<br>";
86 }
87 }
88
89 ?>
90
        <br>
        <br>
        <br>
        <?php
        if ($this->session->userdata('type') ==
        'Administrator'){
        97 echo "<a href='". site_url('admin/projects')
        .">< Back to Projects Page</a>";
        98 }
        99 else if ($this->session->userdata('type') ==
        'Barangay Officer'){
        100 echo "<a href='".
        site_url('barangay_officer/projects')
        .">< Back to Projects Page</a>";
        101 }
        102 else if ($this->session->userdata('type') ==
        'Citizen'){
        103 echo "<a href='".
        site_url('citizen/projects') .">< Back
        to Projects Page</a>";
        104 }
        105 else if ($this->session->userdata('type') ==
        'Sanggunian'){
        106 echo "<a href='".
        site_url('sanggunian/projects') ."><
        Back to Projects Page</a>";
        107 }
        108 else{
        109 echo "<a href='". site_url('login') .">< Back
        to Login Page</a>";
        110 }
        111 ?>
        </html>
        Listing 47:
        citizen/vView_Barangay_Projects.php
        <html>
        2 <h3>View Barangay Proposals</h3>
        3 Here are the proposals in your barangay. <br>
        4 You may click "More Info" for more
        information about the proposed project.
        <br><br>
        5 <table>
        6 <?form_open() ?>
        7 <?php
        8 echo form_open(base_url()."proposals");
        9 $barangay_options = array(
        10 '0' => 'Choose barangay no.',
        11 '1' => '1',
        12 '2' => '2',
        13 '175' => '175',
        14 '176' => '176',
        15 );
        16 );
        17
        18 $popup_attributes = array(
        19 'width' => '600',
        20 'height' => '600',
        21 'scrollbars' => 'yes',
        22 'resizable' => 'yes'
        23 );
        24 );
        25
        26 echo "<tr><td><b> Sort by </b></td>" ;
        27
        28 ?>
        29 <td>
        30 <form action="..">

```



```

1 <table>
2 <?=form_open() ?>
3 <?php
4     echo form_open(base_url()."proposals");
5     $barangay_options = array(
6         '0' => 'Choose barangay no.',
7         '1' => '1',
8         '2' => '2',
9         '175' => '175',
10        '176' => '176',
11    );
12
13    echo "<tr><td><b> Sort by </b></td>" ;
14    $popup_attributes = array(
15        'width' => '600',
16        'height' => '600',
17        'scrollbars' => 'yes',
18        'resizable' => 'yes'
19    );
20
21    ?>
22 <td>
23 <form action="..">
24 <select name="mySelectbox">
25
26     <option value="<?php echo
27         base_url()?>proposals/">Select</option>
28 <option value="<?php echo
29     base_url()?>citizen/proposals/view_my_proposals">My
30     Proposals</option>
31 <option value="<?php echo
32     base_url()?>citizen/proposals/view_all_proposals">All
33     Proposals</option>
34 <option value="<?php echo
35     base_url()?>citizen/proposals/view_barangay_proposal">All
36     in Barangay</option>
37 </select>
38 </td>
39 <td>
40 <input type="button"
41     onclick="window.open(this.form.mySelectbox.options[
42     this.form.mySelectbox.selectedIndex].value, 'top')>
43     Go" value="Go">
44 </td>
45 </tr>
46 </form>
47 </table>
48
49 <table border="1">
50 <?php
51 if(!empty($proposals)){
52     echo "<tr>";
53     echo "<td><b> Proposal Title </b></td>";
54     echo "<td><b> Brgy </b></td>";
55     echo "<td><b> Objective </b></td>";
56     echo "<td><b> Date </b></td>";
57     echo "<td><b> Category </b></td>";
58     echo "<td><b> Budget </b></td>";
59     echo "<td><b> Status </b></td>";
60     echo "<td><b> More Info </b></td>";
61     echo "<tr>";
62
63     foreach($proposals as $proposal){
64         if ($proposal->status == "approved"){
65             echo "<tr>";
66             echo "<td><b> " .
67                 $proposal->proposal_name .
68                 "</b></td>";
69             echo "<td><b> " .
70                 $proposal->barangay_code .
71                 "</b></td>";
72             echo "<td><b> " .
73                 $proposal->objective .
74                 "</b></td>";
75             echo "<td><b> " .
76                 $proposal->date_time .
77                 "</b></td>";
78             echo "<td><b> " .
79                 $proposal->proposal_category .
80                 "</b></td>";
81             echo "<td><b> " .
82                 $proposal->status .
83                 "</b></td>";
84
85             $form = array();
86             $form['proposal_id'] =
87                 $proposal->proposal_id;
88             //kailangn ma-pass sa enable..
89             haha
90             echo "<td><a
91                 href='\" . base_url().\"citizen/proposals/view_proposal_
92                 \" . $proposal->proposal_id .
93                 \"/>View</a>";
94             echo "<td><a
95                 href='\" . base_url().\"citizen/proposals/view_proposal_
96                 \" . $proposal->proposal_id .
97                 \"/>View</a>";
98             echo "<td><a
99                 href='\" . base_url().\"citizen/proposals/view_proposal_
100                \" . $proposal->proposal_id .
101                \"/>View</a>";
102
103             if ($proposal->budget == 0) {
104                 if ($proposal->user_id ==
105                     $this->session->userdata('user_id')){
106                     echo "<td><a href='\" .
107                         base_url().\"citizen/proposals/create_budge
108                         \"> Create Budget
109                         Plan</a>";
110                 }
111                 else {
112                     echo "<td> None yet </td>";
113                 }
114             }
115             else {
116                 echo "<td> " .
117                     anchor_popup('proposals/view_budget_proposal/' .
118                         $proposal->proposal_id,
119                         "Php " .
120                         number_format($proposal->budget,2) .
121                         "<br>", $popup_attributes);
122                 echo "<td><b> " . $proposal->status .
123                     "</b></td>";
124
125                 $form = array();
126                 $form['proposal_id'] =
127                     $proposal->proposal_id;
128                 //kailangn ma-pass sa enable..
129                 haha
130                 echo "<td><a
131                     href='\" . base_url().\"citizen/proposals/view_proposal_
132                     \" . $proposal->proposal_id .
133                     \"/>View</a>";
134                 echo "<td><a
135                     href='\" . base_url().\"citizen/proposals/view_proposal_
136                     \" . $proposal->proposal_id .
137                     \"/>View</a>";
138                 echo "<td><a
139                     href='\" . base_url().\"citizen/proposals/view_proposal_
140                     \" . $proposal->proposal_id .
141                     \"/>View</a>";
142
143                 if ($proposal->budget == 0) {
144                     if ($proposal->user_id ==
145                         $this->session->userdata('user_id')){
146                         echo "<td><a href='\" .
147                             base_url().\"citizen/proposals/create_budge
148                             \"> Create Budget
149                             Plan</a>";
150                     }
151                     else {
152                         echo "<td> None yet </td>";
153                     }
154                 }
155             }
156         }
157     }
158 }
159

```

```

102     else{
103         echo "<td><a href=" .
            base_url()."citizen/proposals/view/budget/proposal/$proposal->proposal_id"
            . "> Php" .
            number_format($proposal->budget)
            . "</a></td>";
104     }
105     echo "<td>" . $proposal->status .
        "</td>";
106
107     if ($proposal->status == "approved
        with comment"){
108         echo "<td><a
            href='".base_url()."citizen/proposals/view/proposal_details/$proposal->proposal_id.'">
            More </td></a>";
109     }
110     else if ($proposal->status ==
        "approved"){
111         echo "<td><a
            href='".base_url()."citizen/proposals/view_proposal_details/".$proposal->proposal_id.'">
            More </td></a>";
112     }
113     else {
114         echo "<td><a
            href='".base_url()."citizen/proposals/view_proposal/".$proposal->proposal_id.'">
            More </td></a>";
115     }
116     $form = array();
117     $form['proposal_id'] =
        $proposal->proposal_id;
118     echo "</tr>";
119
120 }
121 }
122
123 }
124 else {
125     echo "<b>There are no proposals to show.
        </b></br>";
126     echo "<a href=" .
        site_url('/citizen/proposals') . "> <
        Back to Proposals Page </a>";
127
128 }
129 ?>
130
131 </table>
132
133 <br><br>
134 <a
        href="<?=site_url('/citizen/proposals')?>">
        < Back to Proposals Page </a>
135 </html>

```

Listing 49:
citizen/vView_My_Proposals.php

```

1 <html>
2 <head>
3 <style>
4 table {
5     width: 65%;
6 }
7 </style>
8 <script>
9 function showDiv() {
10     document.getElementById('welcomeDiv').style.display
        = "block";
11 }
12
13 function showDiv2() {
14     document.getElementById('welcomeDiv2').style.display

```

```

66     }
67
68
69     echo "</td></tr>";
70     echo "<tr><td><b> Approved
71         by:</b></td><td>";
72
73     $sql = "SELECT first_name FROM user
74           INNER JOIN project ON
75           user.username = project.approver
76           WHERE project.project_id =
77             $project->project_id";
78     $exec = $this->db->query($sql);
79
80     if ($exec->num_rows() > 0){
81         foreach($exec->result() as $data){
82             echo $data->first_name. " ";
83         }
84     }
85
86     $sql = "SELECT last_name FROM user
87           INNER JOIN project ON
88           user.username = project.approver
89           WHERE project.project_id =
90             $project->project_id";
91     $exec = $this->db->query($sql);
92
93     if ($exec->num_rows() > 0){
94         foreach($exec->result() as $data){
95             echo $data->last_name. " (<b>";
96         }
97     }
98
99     echo $project->approver. ")</td></tr>";
100
101     echo "<tr><td><b>Budget Evaluated
102         by:</b></td><td>";
103
104     if (($project->evaluator != NULL) ||
105         ($project->evaluator != 0) ||
106         !empty($project->evaluator)){
107         $sql = "SELECT first_name FROM user
108               INNER JOIN project ON
109               user.username =
110               project.evaluator WHERE
111               project.project_id =
112               $project->project_id";
113         $exec = $this->db->query($sql);
114
115         if ($exec->num_rows() > 0){
116             foreach($exec->result() as $data){
117                 echo $data->first_name. " ";
118             }
119         }
120
121         $sql = "SELECT last_name FROM user
122               INNER JOIN project ON
123               user.username =
124               project.evaluator WHERE
125               project.project_id =
126               $project->project_id";
127         $exec = $this->db->query($sql);
128
129         if ($exec->num_rows() > 0){
130             foreach($exec->result() as $data){
131                 echo $data->last_name. " (<b>";
132             }
133         }
134
135         echo $project->evaluator. ")</td></tr>";
136
137     }
138
139     echo "<tr><td><b>Not yet evaluated</i>";
140 }
141
142 echo "<tr><td><b> Barangay: </b>
143 </td><td> " .
144     $project->barangay_code .
145 </td></tr>";
146 echo "<tr><td><b> Rating: </b></td><td>
147 ";
148
149 if ($project->rating == 0){
150     echo "0 ";
151 }
152 else if (($project->rating > 0.0) &&
153     ($project->rating <= 0.25)){
154     echo "";
157 }
158 else if (($project->rating > 0.25) &&
159     ($project->rating <= 0.5)){
160     echo "";
163 }
164 else if (($project->rating > 0.50) &&
165     ($project->rating <= 0.75)){
166     echo "";
169 }
170 else if (($project->rating > 0.75) &&
171     ($project->rating < 1.0)){
172     echo "";
175 }
176 else if ($project->rating == 1){
177     echo "";
180 }
181
182 if (($project->user_id ==
183     ($this->session->userdata('user_id'))){
184     echo "<br> <a href=" .
185         site_url('/citizen/projects/rate_project/'
186             . $project->project_id) . ">Rate
187         Project</a></td></tr>";
188 }
189 else {
190     echo "</td></tr>";
191 }
192
193 echo "<tr><td><b> Date Approved:
194 </b></td><td> " .
195     $project->date_approved .
196 </td></tr>";
197
198 if ($project->date_evaluated ==
199     "0000-00-00 00:00:00"){
200     echo "<tr><td><b> Date Evaluated:
201 </b></td><td><i> Not yet
202 evaluated. </i></td></tr>";
203 }
204 else {
205     echo "<tr><td><b> Date Evaluated:
206 </b></td><td> " .
207         $project->date_evaluated .
208         "</td></tr>";
209 }

```

```

157     }
158
159     if (($project->date_begin != NULL) &&
160         ($project->date_end != NULL)){
161         echo "<tr><td><b> Start Date of
162             Project </b></td><td>" .
163             $project->date_begin .
164             "</td></tr>";
165
166         echo "<tr><td><b> End Date of
167             Project </b></td><td>" .
168             $project->date_end .
169             "</td></tr>";
170     }
171
172     echo "<tr><td><b> Proposed Budget
173         </b></td><td>Php " .
174         number_format($project->budget, 2)
175         . " &nbsp; <input type=button
176         name=answer value=View
177         onclick=showDiv2() /></td>";
178
179     if (($project->actual_budget == NULL)
180         || ($project->actual_budget == 0)
181         || ($project->actual_budget ==
182             0.00)){
183         echo "<tr><td><b> Actual Budget
184             </b></td><td> <i>Not yet
185             evaluated. </i></td></tr>";
186     }
187
188     else {
189         echo "<tr><td><b> Actual Budget
190             </b></td><td>Php " .
191             number_format($project->actual_budget,
192                 2) . " &nbsp; <input
193             type=button name=answer
194             value=View onclick=showDiv()
195             /></td>";
196     }
197
198     echo "</table>";
199
200     <div id="welcomeDiv2"
201         style="display:none;"
202         class="answer_list" >
203     <?php
204     echo "<br>";
205     echo "<b>Budget Proposal<b><br>";
206     echo "<table border=1>";
207     echo "<tr>";
208     echo "<td> <b><u>Item</u></b> </td>";
209     echo "<td><center> <b><u>Price</u></b>
210         </center></td>";
211     echo "<td><center>
212         <b><u>Quantity</u></b>
213         </center></td>";
214     echo "<td><center> <b><u>Cost </u></b>
215         </center></td>";
216     echo "</tr>";
217
218     foreach ($budget_plan as $row){
219
220         echo "<tr>";
221         echo "<td><b>" . $row->item .
222             "</b></td>";
223         echo "<td><center> Php " .
224             $row->price .
225             "</center></td>";
226         echo "<td><center>" .
227             floatval($row->quantity) .
228             "</center></td>";
229         echo "<td><center> Php " .
230             number_format($row->cost,2) .
231             "</center></td>";
232         echo "</tr>";
233     }
234
235     echo "<tr>";
236     echo "<td><b><u>Total Cost
237         </b></u></td>";
238     echo "<td> </td>";
239     echo "<td> </td>";
240     echo "<td><b><center> Php " .
241         number_format($project->actual_budget,
242             2) . "</center></td>";
243
244     echo "</table>";
245     <?
246     </div>

```

```

248 <?php
249     echo "<table>";
250     echo "<tr><td><b> Problem Statement
        </b></td></tr><tr><td> .
        $project->description .
        </td></tr>";
251     echo "<tr><td><b> Objective
        </b></td></tr><tr><td> .
        $project->objective . </td><tr>";
252     echo "<tr><td><b> How will this benefit
        the community?
        </b></td></tr><tr><td> " .
        $project->benefit . </td><tr>";
253     echo "</table>";
254 }
255 }
256 ?>
257 </table>
258
259 <?php
260 $actionPlanExists =
261     $this->model_projects->get_action_plan_count($project->project_id);
262 $addressExists =
263     $this->model_projects->get_address($project->project_id);
264 $actualBudget =
265     $this->model_projects->get_actual_budget($project->project_id);
266 $projectBrgy =
267     $this->model_projects->get_project_barangay($project->project_id);
268 $userBrgy =
269     $this->session->userdata('barangay_code');
270 $dateBegin =
271     $this->model_projects->get_date_begin($project->project_id);
272 $dateEnd =
273     $this->model_projects->get_date_end($project->project_id);
274
275 if (($actualBudget == 0) ||
276     ($actualBudget == 0.00) ||
277     ($actualBudget == NULL)){ //Di pa
278     pwede mag-evaluate pag wala pang
279     budget plan
280     echo "<br>";
281 }
282
283 else {
284     if ($actionPlanExists > 0) {
285         echo "<table>";
286         echo "<tr><td><b><u>Action
                Plan</u></b></td>";
287
288         echo "<td> </td>";
289         if (($project->user_id ==
290             ($this->session->userdata('user_id'))){
291             echo "<td><a href=" .
292                 site_url('/citizen/projects/rate_project/'
293                     . $project->project_id)
294                     . ">Rate
                </a></td></tr>";
295
296             }
297         else {
298             echo "</td></tr>";
299         }
300     }
301
302     echo "<tr>";
303     echo
304         "<td><b>Action</b></td>";
305     echo
306         "<td><b>Rate</b></td>";
307     echo
308         "<td><b>Remark</b></td>";
309     echo "</tr>";
310     echo "<ol>";
311     foreach ($action_plan as
312         $data){
313         echo "<tr><td><li> " .
314             $data->action .
315             "</li></td>";
316
317         if (($data->rate) == 1){
318             echo "<td></td>";
321         }
322         else if (($data->rate
323             == 0)){
324             echo "<td></td>";
327         }
328         echo "<td> " .
329             $data->remarks .
330             "</td>";
331         echo "</tr>";
332     }
333     echo "</ol>";
334 }
335
336 echo "</table>";
337 }
338
339 <table>
340 <tr>
341 <td><b>No Action
342 Plan yet</b></td></tr>";
343 echo "</table>";
344 }
345
346 else {
347     echo "<div align = center>";
348     echo "<a>No Project Details
349 yet.</a>";
350 }
351
352 echo "<div align = center>";
353
354 if ($actionPlanExists == 0) {
355     echo " | ";
356     echo "<a> No action plan
357 yet. </a><br><br>";
358     echo "</div>";
359 }
360 echo "<br>";
361 }
362 ?>

```

Listing 50: citizen/vView_Project.php


```

96         foreach($exec->result() as $data){
97             echo $data->last_name. " ";
98         }
99     }
100
101     echo "(" . $proposal->approver .
102           ")/td></tr>";
103 }
104 else {echo $proposal->status .
105         "</td></tr>";}
106 }
107 }
108 }
109 }
110 }
111 }
112 }
113 }
114 }
115 }
116 }
117 }
118 }
119 }
120 }
121 }
122 }
123 }
124 }
125 }
126 }
127 }
128 }
129 }
130 }
131 }
132 }
133 }
134 }
135 }
136 }
137 }
138 }
139 }
140 }
141 }
142 }
143 }
144 }
145 }
146 }
147 }
148 }
149 }
150 }
151 }
152 }
153 }
154 }
155 }
156 }
157 }
158 }
159 }
160 }
161 }
162 }
163 }
164 }
165 }

```

Listing 51:
citizen/vView_Proposal.php

```

1 <link rel="stylesheet" type="text/css"
2 href="<? echo
3 base_url();?>/assets/css/style.css">
4 <link rel="stylesheet" type="text/css"
5 href="<? echo
6 base_url();?>/assets/css/flexslider.css">
7 <link rel="stylesheet" type="text/css"
8 href="<? echo
9 base_url();?>/assets/css/ie.css">
10 <link rel="stylesheet" type="text/css"
11 href="<? echo
12 base_url();?>/assets/css/normalize.css">
13 <link rel="stylesheet" type="text/css"
14 href="<? echo
15 base_url();?>/assets/css/foundation.min.css">
16 <?php
17 echo "<h1>Accounts</h1>";
18 echo "You are logged in as " .
19 $this->session->userdata('first_name') .
20 " " .
21 $this->session->userdata('last_name') .
22 " .";
23 echo "<br> You are currently logged in as:
24 <b> " .
25 $this->session->userdata('username') . "
26 </b><br>";
27 echo "Your account type: " .
28 $this->session->userdata('type') . "
29 <br><br>";
30 echo "<h2>Manage Accounts</h2>";
31 ?>

```

```

13 <a href="<?php echo
    (site_url('accounts/editOwnAccount'))?>">Edit
    My Account</a> <br>
14 <a href="<?php echo
    (site_url('/barangay_officer/approve_pending?'))?>">Approve
    Pending Accounts</a> <br>
15 <a href="<?php echo
    (site_url('/accounts/viewAllAccountsBarangay?'))?>">View
    User Accounts in Barangay</a> <br>

```

Listing 52:
barangay_officer/vAccounts.php

```

1 <h3>All Accounts</h3>
2 <p>
3 These are all of the accounts in the
  barangay. <br>
4 <a href="<?php echo
  site_url('barangay_officer/accounts')
  ?>"> < Back to Accounts</a>
5 </p>
6 <table border="1">
7
8 <?php
9 if(!empty($users)){
10
11     echo "<tr>";
12     echo "<td><b> Username </b></td>";
13     echo "<td><b> First Name </b></td>";
14     echo "<td><b> Last Name </b></td>";
15     echo "<td><b> Role </b></td>";
16     echo "<td><b> Address </b></td>";
17     echo "<td><b> Contact Number </b></td>";
18     echo "<td><b> E-mail </b></td>";
19     echo "<td><b> Brgy. </b></td>";
20     echo "<td><b> Account Status </b></td>";
21     echo "<td><b> More Info </b></td>";
22     echo "<td><b> Edit </b></td>";
23     echo "<tr>";
24
25 foreach($users as $user){
26
27     echo "<tr>";
28     echo "<td> <b>". $user->username . "
    </b></td>";
29     echo "<td>" . $user->first_name .
    "</td>";
30     echo "<td>" . $user->last_name .
    "</td>";
31     //
32     $sql = "SELECT role.role_name FROM user
    inner join user_role on
    user.user_id = user_role.user_id
    INNER JOIN ROLE on
    user_role.role_id = role.role_id
    WHERE user.user_id =
    $user->user_id";
33     $exec = $this->db->query($sql);
34
35     if ($exec->num_rows() > 0){
36         foreach($exec->result() as $data){
37             $db_role_name = $data->role_name;
38             if ($db_role_name == "admin"
    || $db_role_name == "citizen"){
39                 echo "<td> ".$db_role_name;
40             }
41             else if ($db_role_name ==
    "barangay_officer"){
42                 echo "<td> barangay officer ";
43             }
44
45         }

```

```

    }
    else {echo "<td><i> pending</i>";}
    echo "</td>";
    echo "<td>" . $user->address . "</td>";
    echo "<td>" . $user->contact_number .
    "</td>";
    echo "<td>" . $user->email . "</td>";
    echo "<td>" . $user->barangay_code .
    "</td>";
    echo "<td><i> ". $user->account_status
    . "</i></td>";
    $form = array();
    $form['user_id'] = $user->user_id;
    echo "<td><a
    href='".base_url()."accounts/viewAccount/"
    .$form['user_id']."'>View
    View </td></a>";
    echo "<td><a
    href='".base_url()."accounts/editAccount/"
    .$form['user_id']."'>Edit
    Edit </td></a>";
    echo "</tr>";
    }
    }
    else {
    echo "<b>There are no accounts to show.
    </b></br>";
    }
    ?>
</table>

```

Listing 53:
barangay_officer/vAllAccounts.php

```

1 <h3>All Barangay Accounts</h3>
2 <p>
3 These are all the accounts in <b>Barangay
  <?php echo
  $this->session->userdata('barangay_code')
  ?></b>. <br>
4 <a href="<?php echo
  site_url('barangay_officer/accounts')
  ?>"> < Back to Accounts</a>
5 </p>
6
7 <table>
8 <td><b>Select Action</b></td>
9 <td>
10 <form action="..">
11 <select name="mySelectbox">
12     <option value="<?php echo
    base_url()?>barangay_officer/accounts/">Accounts</option>
13     <option value="<?php echo
    base_url()?>barangay_officer/approve_pending">Pending
    Accounts</option>
14     <option value="<?php echo
    base_url()?>accounts/viewAllAccountsBarangay">Barangay
    Accounts</option>
15 </select>
16 </td>
17 <td>
18 <input type="button"
    onclick="window.open(this.form.mySelectbox.options[this.fo
    value="Go">
19 </td>
20 </tr>
21 </form>
22 </table>
23
24 <br>
25
26 <table border="1">
27

```

```

28 <?php
29 if(!empty($users)){
30
31     echo "<tr>";
32     echo "<td><b> Username </b></td>";
33     echo "<td><b> First Name </b></td>";
34     echo "<td><b> Last Name </b></td>";
35     echo "<td><b> Role </b></td>";
36     echo "<td><b> Address </b></td>";
37
38     echo "<td><b> Contact Number </b></td>";
39     echo "<td><b> E-mail </b></td>";
40     echo "<td><b> Brgy. </b></td>";
41     echo "<td><b> Account Status </b></td>";
42     echo "<td><b> More Info </b></td>";
43     echo "<td><b> Edit </b></td>";
44     echo "<tr>";
45
46     foreach($users as $user){
47
48         echo "<tr>";
49         echo "<td> <b>". $user->username . "
50         </b></td>";
51         echo "<td>" . $user->first_name .
52         "</td>";
53         echo "<td>" . $user->last_name .
54         "</td>";
55
56         $sql = "SELECT role.role_name FROM user
57         inner join user_role on
58         user.user_id = user_role.user_id
59         INNER JOIN ROLE on
60         user_role.role_id = role.role_id
61         WHERE user.user_id =
62         $user->user_id";
63
64         $exec = $this->db->query($sql);
65
66         if ($exec->num_rows() > 0){
67             foreach($exec->result() as $data){
68                 $db_role_name = $data->role_name;
69                 if ($db_role_name == "admin"
70                 || $db_role_name == "citizen"
71                 || $db_role_name ==
72                 "sanggunan"){
73                     echo "<td> ".$db_role_name;
74                 }
75                 else if ($db_role_name ==
76                 "barangay_officer"){
77                     echo "<td> barangay officer ";
78                 }
79             }
80         }
81         else {echo "<td><i> pending</i>";}
82         echo "</td>";
83         echo "<td>" . $user->address . "</td>";
84         echo "<td>" . $user->contact_number .
85         "</td>";
86         echo "<td>" . $user->email . "</td>";
87         echo "<td>" . $user->barangay_code .
88         "</td>";
89
90         echo "<td><i> ". $user->account_status
91         . "</i></td>";
92
93         $form = array();
94         $form['user_id'] = $user->user_id;
95         echo "<td><a
96         href='".base_url()."accounts/viewAccount/".
97         $form['user_id']."'>
98         View </td></a>";
99         $sql2 = "SELECT role.role_name FROM
100         user inner join user_role on
101         user.user_id = user_role.user_id
102         INNER JOIN ROLE on
103         user_role.role_id = role.role_id
104         WHERE user.user_id =
105         $user->user_id";
106         $exec2 = $this->db->query($sql2);
107
108         if ($exec2->num_rows() > 0){
109             foreach($exec2->result() as $data){
110                 $db_role_name = $data->role_name;
111                 if ($db_role_name == "admin"){
112                     echo "<td><center> ---
113                     </center></td></a>";
114                 }
115                 else {
116                     echo "<td><a
117                     href='".base_url()."accounts/editAccount/".
118                     $form['user_id']."'>
119                     Edit </td></a>";
120                 }
121             }
122         }
123         else {
124             echo "<td><center> ---
125             </center></td></a>";
126         }
127         echo "</tr>";
128     }
129 }
130 else {
131     echo "<b>There are no accounts to show.
132     </b></br>";
133 }
134 ??
135 </table>

```

Listing 54: barangay_officer/vAll_BrgyAccounts.php

```

1 <?php
2 $currYear = date("Y");
3 $userBrgy =
4     $this->session->userdata('barangay_code');
5
6 <h3>Announce Top Proposals</h3>
7 There are currently <?php echo
8     count($proposals) ?> proposals <u>with
9     votes</u> in your barangay for this
10    year (<?php echo $currYear; ?>). <br>
11    Enter the number of proposals you want to
12    approve: <br>
13
14 <?php
15 $sql = "SELECT
16     proposal.proposal_name,
17     proposal.proposal_votes,
18     proposal.barangay_code,
19     @prev := @curr,
20     @curr := proposal_votes,
21     @rank := IF(@prev = @curr, @rank, @rank +
22     @i) AS rank,
23     IF(@prev <> proposal_votes, @i:=1,
24     @i:=@i+1) AS counter
25 FROM
26     proposal,
27     (SELECT @curr := null, @prev := null,
28     @rank := 1, @i := 0) tmp_tbl
29 WHERE
30     proposal.barangay_code = $userBrgy AND
31     proposal.proposal_votes != 0 AND

```

```

        year(proposal.date_time) =
        year(curdate())
24 ORDER BY
25     proposal.proposal_votes DESC";
26 $exec = $this->db->query($sql);
27 $numProposals = $exec->num_rows;
28
29 echo "<br>";
30 ?>
31 <table>
32 <form action="..">
33 <?php
34     echo "<tr><td>";
35     echo "<select name=mySelectbox>";
36     $range = range( 1, count($proposals) );
37     foreach ($range as $value) {
38         echo "<option value=" . base_url().
39             "barangay_officer/proposals/announce_top_votes/$value" .
40             ". $value ."/option>";
41     }
42     echo "</select>";
43     echo "</td>";
44     ?>
45     <td>
46     <input type="button"
47         onclick="window.open(this.form.mySelectbox.options[this.form.mySelectbox.selectedIndex].value,'_top')"
48         value="Go">
49     </td>
50 </tr>
51 </form>
52 </table>
53 <?php
54 echo "<b>Tally of votes</b>";
55 echo "<table border=1>";
56 echo "<tr><td><b>Proposal
57     Name</b></td><td><b>Votes</b></td><td><b>Rank</b></td></tr>";
58 foreach ($exec->result() as $row){
59     echo "<tr>";
60     echo "<td>" . $row->proposal_name .
61     "</td>";
62     echo "<td>" . $row->proposal_votes .
63     "</td>";
64     echo "<td>" . $row->rank . "</td>";
65     echo "</tr>";
66 }
67 echo "</table>";
68 ?>
69 <br><br><br>
70 <a
71     href="<?=site_url('/barangay_officer/proposals')?>">
72     < Back to Proposals Page </a>
73
74
75
76
77
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```

Listing 55: barangay_officer/vAnnounce_Top_Proposals.php

```

        </b></td><td>proposal")in")
        . "></td></tr>";
51 echo "<tr><td><b> Budget </b></td><td>"
        . $proposal->budget. "</td></tr>";
52 echo "<tr><td><b> Status </b></td><td>"
        . $proposal->status .
        "</td></tr>";
53 }
54 }
55 ?>
56 </table>

```

Listing 56: barangay_officer/vApproveProposal.php

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <script src="<?php echo
        site_url('assets/js/jquery2.min.js')
        ?>">
5 </script>
6 <form method="post" accept-charset="utf-8"
        action="<?php
        site_url('barangay_officer/projects/create_action_plan')
        ?>" />
7 <script>
8 var numRows = 2, ti = 5;
9
10 function isNumber(n) {
11     return !isNaN(parseFloat(n)) &&
        isFinite(n);
12 }
13
14 function recalc() {
15     var lt = 0,
16         wt = 0,
17         tt = 0;
18     $("#turf").find('tr').each(function () {
19         var l =
                $(this).find('input.length').val();
20         var w =
                $(this).find('input.width').val();
21         var dateTotal = (l * w);
22
23         $(this).find('input.row-total').val(dateTotal
24             ? dateTotal : "");
25         wt += isNumber(w) ? parseInt(w, 10) :
                0;
26         lt += isNumber(l) ? parseInt(l, 10) :
                0;
27         tt += isNumber(dateTotal) ? dateTotal
                : 0;
28
29         if(parseInt(l) < 0 || parseInt(w) < 0
30             || parseInt(dateTotal) < 0) {
31             alert("Please enter positive values
32                 only.");
33         }
34     }); //END .each
35     $("#length-grand-total").html(lt);
36     $("#width-grand-total").html(wt);
37     $("#table-grand-total").html(tt);
38 }
39
40 function addRow() {
41
42     $('#addr' + numRows).html("<td>" +
        numRows + "</td><td>" + "<input
        type='text' input name='action[" +
        numRows + "]'>");
43     $('#turf tr:last').after('<tr id="addr' +
        (numRows + 1) + '"
        class="calculation visible"></tr>');
44     numRows++;
45 }
46
47 function delRow() {
48     if (numRows > 1) {
49         $('#addr' + (numRows - 1)).remove();
50         numRows--;
51     }
52 }
53 $(function () {
54     $("#turf").on("click", ".calculation",
        recalc);
55     $("#turf").on("keyup blur",
        ".form-control", recalc);
56     $("#turf").on("keyup", ".length:last",
        function () {
57         if (!$("this").data("done")) { // only
58             do this once per field
59             $(this).data("done", true);
60             addRow();
61         }
62     });
63     $("#add_row").on("click",function()
        {addRow()});
64     $("#delete_row").on("click",function()
        {delRow()});
65 });
66
67 function calculateSum() {
68     var sum = 0;
69     //iterate through each textboxes and add
70     //the values
71     $(".row-total").each(function () {
72         //add only if the value is number
73         if (!isNaN(this.value) &&
74             this.value.length !== 0) {
75             sum += parseFloat(this.value);
76         }
77     });
78     //toFixed() method will roundoff the
79     //final sum to 2 decimal places
80     $(".table-total").val(sum.toFixed(2));
81 }
82
83 function calculateRow() {
84     $('<input type="text" class="length" value="">
85     .length, .width').keyup(function () {
86         var rowtotal = 0;
87         var $row = $(this).closest("tr");
88         var length =
                parseFloat($row.find('.length').val());
89         var width =
                parseFloat($row.find('.width').val());
90         rowtotal = length * width;
91         alert($("#width").val()); //remove
92         //after testing
93
94         if (isNaN(rowtotal)) {
95             $row.find('.row-total').val("Missing
96                 an Input");
97         } else {
98             $row.find('.row-total').val(rowtotal);
99             $data['row_total'] =
                $row.find('.row-total').val(rowtotal);
100        }
101        calculateSum();
102    });
103 }

```



```

30     defaultDate: null,
31     changeMonth: true,
32     dateFormat: "yy-mm-dd",
33     numberOfMonths: 3,
34     onClose: function( selectedDate ) {
35         $( "#date_begin" ).datepicker(
36             "option", "maxDate",
37             selectedDate );
38     }
39 });
40 </script>
41
42 <style>
43 .column-left{ float: left; width: 50%; }
44 .column-right{ float: right; width: 50%; }
45 </style>
46
47 </head>
48
49 <body>
50 <?php
51     foreach ($projects as $project){
52         $projID = $project->project_id;
53     }
54     ??
55
56 <h3>Create Additional Project Details </h3>
57 Specify additional information for this
58 project. <br>
59 <?php
60 if ($this->session->userdata('type') ==
61     'Administrator'){
62     echo "<a href=". site_url('admin/projects')
63         .">< Back to Projects</a>";
64 }
65 else if ($this->session->userdata('type') ==
66     'Barangay Officer'){
67     echo "<a href=".
68         site_url('barangay_officer/projects')
69         .">< Back to Projects</a>";
70 }
71 ??
72 <br><br>
73 <b><u>
74 <br><br>
75 <div class="column-right">
76 <b><u>Map</b></u><br>
77 <div id="map" style="width:500px;
78     height:500px"></div>
79 </div>
80
81 <?php
82
83 if(!empty($projects)){
84     echo "Edit project information: <br>";
85     echo
86         form_open(base_url()."barangay_officer/projects/create_project_details/"
87             . $projID);
88
89     foreach ($projects as $project) {
90     ??
91 <div class="column-left">
92 <table>
93 <tr><b><u>Project Address</b></u></tr>
94 <tr>
95 <td><b>Address</b></td>
96 <td><?form_input(array("name"=>"postcode",
97     "class"=>"postcode",
98     "id"=>"Postcode", "size"=>"50",
99     "placeholder"=>$project->address,
100     "value"=>set_value("postcode")))?></td>
101 <td><?form_error("address")?></td>
102 <td><input type="submit" id="findbutton"
103     value="Find" /></td>
104 </tr>
105
106 <tr>
107 <td><b>Latitude</b></td>
108 <td><?form_input(array("name"=>"latitude",
109     "id"=>"latitude",
110     "placeholder"=>$project->latitude,
111     "value"=>set_value("latitude"))
112     ?></td>
113 <td><?form_error("latitude")?></td>
114 </tr>
115
116 <tr>
117 <td><b>Longitude</b></td>
118 <td><?form_input(array("name"=>"longitude",
119     "id"=>"longitude",
120     "placeholder"=>$project->longitude,
121     "value"=>set_value("longitude"))
122     ?></td>
123 <td><?form_error("longitude")?></td>
124 </tr>
125 </table>
126
127 <br>
128 <table>
129 <tr><b><u>Project Dates</b></u></tr>
130
131 <tr>
132 <td><b>Start Date</b></td>
133 <td><?form_input(array("name"=>"date_begin",
134     "id"=>"date_begin",
135     "placeholder"=>$project->date_begin,
136     "value"=>set_value("date_begin")))?></td>
137 <td><?form_error("date_begin")?></td>
138 </tr>
139
140 <tr>
141 <td><b>End Date</b></td>
142 <td><?form_input(array("name"=>"date_end",
143     "id"=>"date_end",
144     "placeholder"=>$project->date_end,
145     "value"=>set_value("date_end")))?></td>
146 <td><?form_error("date_end")?></td>
147 </tr>
148 </table>
149 <br>
150 <table>
151 <tr>
152 <td><?form_submit(array("name"=>"submit", "value"=>"Submit")
153     ?></td>
154 </tr>
155 </table>
156 <?form_close()?>
157 </div>
158 <?php
159 }
160 }

```

```

145 else {
146     echo
147     form_open(base_url()."barangay_officer/projects/".$projID);
148     foreach ($projects as $project) {
149     }
150     <div class="column-left">
151     <table>
152     <tr><b><u>Project Address</b></u></tr>
153     <tr>
154     <td><b>Address</b></td>
155     <td><?form_input(array("name"=>"postcode",
156         "class"=>"postcode",
157         "id"=>"Postcode", "size"=>"50",
158         "placeholder"=>"Caloocan City",
159         "value"=>set_value("postcode"))?></td>
160     <td><?form_error("address")?></td>
161     <td><input type="submit" id="findbutton"
162         value="Find" /></td>
163     </tr>
164     <tr>
165     <td><b>Latitude</b></td>
166     <td><?form_input(array("name"=>"latitude",
167         "id"=>"latitude",
168         "placeholder"=>"latitude",
169         "value"=>set_value("latitude"))
170     ?></td>
171     <td><?form_error("latitude")?></td>
172     </tr>
173     <tr>
174     <td><b>Longitude</b></td>
175     <td><?form_input(array("name"=>"longitude",
176         "id"=>"longitude",
177         "placeholder"=>"longitude",
178         "value"=>set_value("longitude"))
179     ?></td>
180     <td><?form_error("longitude")?></td>
181     </tr>
182     </table>
183     <br>
184     <table>
185     <tr><b><u>Project Dates</b></u></tr>
186     <tr>
187     <td><b>Start Date</b></td>
188     <td><?form_input(array("name"=>"date_begin",
189         "id"=>"date_begin",
190         "placeholder"=>"Start Date",
191         "value"=>set_value("date_begin"))?></td>
192     <td><?form_error("date_begin")?></td>
193     </tr>
194     <tr>
195     <td><b>End Date</b></td>
196     <td><?form_input(array("name"=>"date_end",
197         "id"=>"date_end", "placeholder"=>"End
198     Date",
199         "value"=>set_value("date_end"))?></td>
200     <td><?form_error("date_end")?></td>
201     </tr>
202     <tr>
203     <td><?form_submit(array("name"=>"submit", "value"=>"Submit"))?>
204     </td>
205     </tr>
206     </table>
207     </div>
208     </table>
209     <?form_close()?>
210     </div>
211     <?php
212     } //foreach
213     </script>
214     var geocoder = new google.maps.Geocoder();
215     var marker = null;
216     var map = null;
217     function initialize() {
218     var $latitude =
219     document.getElementById('latitude');
220     var $longitude =
221     document.getElementById('longitude');
222     var latitude = 16.6500;
223     var longitude = 120.9700;
224     var zoom = 14;
225     var LatLng = new
226     google.maps.LatLng(latitude,
227     longitude);
228     var mapOptions = {
229     zoom: zoom,
230     center: LatLng,
231     panControl: false,
232     zoomControl: false,
233     scaleControl: true,
234     }
235     map = new
236     google.maps.Map(document.getElementById('map'),
237     mapOptions);
238     if (marker && marker.getMap())
239     marker.setMap(map);
240     marker = new google.maps.Marker({
241     position: LatLng,
242     map: map,
243     title: 'Drag Me!',
244     draggable: true
245     });
246     google.maps.event.addListener(marker,
247     'dragend', function(marker) {
248     var latLng = marker.latLng;
249     $latitude.value = latLng.lat();
250     $longitude.value = latLng.lng();
251     });
252     initialize();
253     $('#findbutton').click(function (e) {
254     var address = $("#Postcode").val();
255     geocoder.geocode({ 'address': address
256     }, function (results, status) {
257     if (status ==
258     google.maps.GeocoderStatus.OK)
259     {
260     map.setCenter(results[0].geometry.location);
261     marker.setPosition(results[0].geometry.location);
262     $(latitude).val(marker.getPosition().lat());
263     $(longitude).val(marker.getPosition().lng());
264     }
265     }
266     }
267     }
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999     }
1000    }

```

```

                successful for the
                following reason: " +
                status);
258     }
259     });
260     e.preventDefault();
261     });
262 </script>
263 </body>
264 </html>

```

Listing 58: barangay_officer/vCreate_Project_Details/Manual.php

```

1 <link rel="stylesheet" type="text/css"
  href="<? echo
  base_url();?>/assets/css/style.css">
2 <link rel="stylesheet" type="text/css"
  href="<? echo
  base_url();?>/assets/css/flexslider.css">
3 <link rel="stylesheet" type="text/css"
  href="<? echo
  base_url();?>/assets/css/ie.css">
4 <link rel="stylesheet" type="text/css"
  href="<? echo
  base_url();?>/assets/css/normalize.css">
5 <link rel="stylesheet" type="text/css"
  href="<? echo
  base_url();?>/assets/css/foundation.min.css">
6 <style>
7 .column-left{ float: left; width: 33%; }
8 .column-right{ float: right; width: 33%; }
9 .column-center{ display: inline-block;
10 width: 33%; }
11
12 .container{
13 display:table-cell;
14 vertical-align:middle;
15 }
16 .container .box{
17 width:700px;
18 height:auto;
19 border:1px dashed #f06060;
20 background: #fffdec;
21 margin:0 auto;
22 }
23 </style>
24
25
26 <div align=right>
27 <?php
28 date_default_timezone_set('Asia/Manila');
29 $curr_time = date("Y-m-d H:i:s");
30 echo "<font color=gray>Last login " .
  $this->session->userdata('last_login')
  . "</font><br>";
31 echo "Current time: " . $curr_time;
32 ?>
33
34 </div>
35
36
37 <?php
38 echo "<h2> Welcome to iBudgetMo, " .
  $this->session->userdata('first_name') .
  " " .
  $this->session->userdata('last_name') .
  "!</h2>";
39 echo "You are currently logged in as: <b>" .
  $this->session->userdata('username') . "
  </b><br>";
40 echo "Your account type: <b>" .

```

```

  $this->session->userdata('type') .
  "</b><br>";
41 echo "Your barangay: <b>Barangay " .
  $this->session->userdata('barangay_code')
  . "</b><br><br>";
42
43 $userBrgy =
  $this->session->userdata('barangay_code');
44 $userID =
  $this->session->userdata('user_id');
45 $userName =
  $this->session->userdata('username');
46 $lastLogin =
  $this->session->userdata('last_login');
47
48 $count_pending_accounts_brgy =
  $this->model_users->getAllPendingBrgyCount($userBrgy);
49 ?>
50
51 <br>
52 <center>
53 <div class="container">
54 <div class="box">
55 
56
57
58 <?php
59 if ($count_pending_accounts_brgy > 0) {
60 if ($count_pending_accounts_brgy == 1){
61 echo "<b>Accounts</b> - There is " .
  $count_pending_accounts_brgy . "
  pending account in your barangay.
  ";
62 echo "<a href=" .
  site_url('/barangay_officer/approve_pending')
  . ">Click here to approve</a>
  <br><br>";
63 }
64 else {
65 echo "<b>Accounts</b> - There are " .
  $count_pending_accounts_brgy . "
  pending accounts in your barangay.
  ";
66 echo "<a href=" .
  site_url('/barangay_officer/approve_pending')
  . ">Click here to approve</a>
  <br><br>";
67 }
68 }
69 }
70
71 $newCount = 0;
72 $swcCount = 0;
73
74 $dates =
  $this->model_proposals->get_unapproved_date($userBrgy);
75 $dates2 =
  $this->model_proposals->get_approvedwc_date($userBrgy);
  //repeat
76 $proposalswc =
  $this->model_proposals->get_all_approvedwc_brgy($userBrgy);
77 $brgyVotingPeriodStart =
  $this->model_barangays->get_voting_period_start($userBrgy);
78 $brgyVotingPeriodEnd =
  $this->model_barangays->get_voting_period_end($userBrgy);
79 $projectsExist =
  $this->model_projects->get_barangay_project_count($userBrgy);
80
81 foreach ($dates as $date){
82 $dateTime1 = new
  DateTime($lastLogin);
83 $dateTime2 = new

```

```

84         DateTime($date->date_time);
85     if ($dateTime2 > $dateTime1) {
86         $newCount++;
87     }
88 }
89 foreach ($proposalswc as $proposal){
90     if ( (($proposal->date_time >
91         $lastLogin)||$proposal->last_edit
92         != $userName) &&
93         ($proposal->status ==
94         "approved with comment") &&
95         ($proposal->approver ==
96         $this->session->userdata('username'))
97     ){
98         $swcCount++;
99     }
100 }
101
102 if ($newCount == 0) {
103 }
104
105 else if ($newCount == 1) {
106     echo "<b>Proposals</b> - <font
107         color=f06060>There is one
108         new unapproved proposal
109         since your last
110         login.</font> <a href=" .
111         site_url('/barangay_officer/proposals/view_new_proposals')
112         . "> View new
113         proposals</a><br><br>";
114 }
115
116 else if ($newCount > 1){
117     echo "<b>Proposals</b> - <font
118         color=f06060>There are " .
119         $newCount . " new
120         unapproved proposals since
121         your last login.</font> <a
122         href=" .
123         site_url('/barangay_officer/proposals/view_new_proposals')
124         . "> View new
125         proposals</a><br><br>";
126 }
127
128 if ($swcCount == 1){
129     echo "<b>Proposals</b> - <font
130         color=f06060>There is one
131         new proposal resubmitted
132         to you.</font> <a href=" .
133         site_url('/barangay_officer/proposals/view_my_approvedwc_proposals')
134         . "> View resubmitted
135         proposals</a><br><br>";
136 }
137
138 else if ($swcCount > 1) {
139     echo "<b>Proposals</b> - <font
140         color=f06060>There are ".
141         $swcCount . " new proposals
142         resubmitted to you.</font>
143         <a href=" .
144         site_url('/barangay_officer/proposals/view_my_approvedwc_proposals')
145         . "> View resubmitted
146         proposals</a><br><br>";
147 }
148
149 if (((($brgyVotingPeriodStart ==
150     NULL) &&
151     ($brgyVotingPeriodEnd ==
152     NULL)) ||
153     (($brgyVotingPeriodStart ==
154     0000-00-00) &&
155     ($brgyVotingPeriodEnd ==
156     0000-00-00)) ||
157     (empty($brgyVotingPeriodStart
158     == NULL) &&
159     empty($brgyVotingPeriodEnd))){
160     echo "<b>Voting Period</b> -
161         Your barangay voting
162         period is not yet set. <a
163         href="
164         .site_url('/barangay_officer/set_voting_period')
165         .">Click here to
166         set.</a><br><br>";
167 }
168
169 else if (($curr_time <
170     $brgyVotingPeriodStart) &&
171     ($curr_time <
172     $brgyVotingPeriodEnd)){
173     echo "<b>Voting Period</b> -
174         Your barangay voting
175         period has not yet begun.
176         <a href="
177         .site_url('/barangay_officer/set_voting_period')
178         .">Click here to
179         set.</a><br><br>";
180 }
181
182 else if (($curr_time >=
183     $brgyVotingPeriodStart) &&
184     ($curr_time <=
185     $brgyVotingPeriodEnd)){
186     echo "<b>Voting Period</b> -
187         Your barangay voting
188         period is on-going. <a
189         href="
190         .site_url('/barangay_officer/set_voting_period')
191         .">Click here to
192         change.</a><br><br>";
193 }
194
195 else if (($curr_time >
196     $brgyVotingPeriodStart) &&
197     ($curr_time >
198     $brgyVotingPeriodEnd)){
199     echo "<b>Voting Period</b> -
200         Your barangay voting
201         period is already
202         finished. <br><br>";
203     if ($projectsExist == 0){
204         echo "<a href="
205             .site_url('/barangay_officer/set_voting_period')
206             .">Click here to
207             extend.</a><br><br>";
208     }
209
210     if (($brgyVotingPeriodEnd !=
211         NULL) && ($curr_time >
212         $brgyVotingPeriodEnd) &&
213         ($projectsExist == 0)){
214         echo "<b>Proposals</b> - Your
215             barangay voting period has
216             already ended. You may now
217             announce the top project
218             <a href=" .
219             site_url('/barangay_officer/proposals/announce_top_proposals')
220             . "> Announce top
221             proposals</a><br><br> ";
222     }
223
224     else if (($brgyVotingPeriodEnd !=
225         NULL) && ($curr_time >
226         $brgyVotingPeriodEnd) &&
227         ($projectsExist > 0) {
228         echo "<b>Proposals</b> - Top
229             proposals in barangay are

```

```

137         already finalized. <a
138         href="
139         (site_url('/barangay_officer/projects/view_barangay_projects/ActionPlan
140         ."/' . $userBrgy . ")> Click
141         here to view. </a><br>";
142     }
143     }
144     }
145     }
146     }
147     }
148     }
149     }
150     }
151     }
152     }
153     }
154     }
155     }
156     }
157     }
158     }
159     }
160     }
161     }
162     }
163     }
164     }
165     }
166     }
167     }
168     }
169     }
170     }
171     }
172     }
173     }
174     }
175     }
176     }
177     }
178     }
179     }
180     }
181     }
182     }
183     }
184     }
185     }
186     }
187     }
188     }
189     }
190     }
191     }
192     }
193     }
194     }
195     }
196     }
197     }
198     }
199     }
200     }
201     }

```



```

        . " &nbsp; <input type=button
        name=answer value=View
        onclick=showDiv() /></td>";
116     }
117     echo "</table>";
118     ?>
119     <div id="welcomeDiv"
        style="display:none;"
        class="answer_list" >
120     <?php
121     echo "<br>";
122     echo "<b>Budget Plan<b><br>";
123     echo "<table border=1>";
124     echo "<tr>";
125     echo "<td> <b><u>Item</u></b> </td>";
126     echo "<td><center> <b><u>Price</u></b>
        </center></td>";
127     echo "<td><center>
        <b><u>Quantity</u></b>
        </center></td>";
128     echo "<td><center> <b><u>Cost </u></b>
        </center></td>";
129     echo "</tr>";
130
131     foreach ($budget_plan as $row){
132
133     echo "<tr>";
134     echo "<td><b>" . $row->item .
        "</b></td>";
135     echo "<td><center> Php " . $row->price
        . "</center></td>";
136     echo "<td><center>" .
        floatval($row->quantity) .
        "</center></td>";
137     echo "<td><center> Php " .
        number_format($row->cost,2) .
        "</center></td>";
138     echo "</tr>";
139     }
140     echo "<tr>";
141     echo "<td><b><u>Total Cost
        </b></u></td>";
142     echo "<td> </td>";
143     echo "<td> </td>";
144     echo "<td><b> Php " .
        number_format($proposal->budget,2)
        . "</h2></td>";
145     echo "</table>";
146     ?>
147     </div>
148
149     <?php
150     echo "<table>";
151     $description = array(
152     'name' => 'description',
153     'id' => 'description',
154     'value' => $proposal->description,
155     );
156
157     echo "<tr><td><b> Problem Statement
        </b></td></tr> <tr><td><font
        color=f06060 size=2> ".
        form_error("description") .
        "</font></td></tr> <tr><td>" .
        form_textarea($description)
        . "</td></tr>";
158
159     $objective = array(
160     'name' => 'objective',
161     'id' => 'objective',
162     'value' => $proposal->objective,
163     );
164     echo "<tr><td><b> Objective
        </b></td><tr> <tr><td><font
        color=f06060 size=2> ".
        form_error("objective") .
        "</font></td></tr> <tr><td>" .
        form_textarea($objective)
        . "</td></tr>";
165     $benefit = array(
166     'name' => 'benefit',
167     'id' => 'benefit',
168     'value' => $proposal->benefit,
169     );
170
171     echo "<tr><td><b> How will this benefit
        the community? </b></td>
        <tr><td><font color=f06060 size=2>
        ". form_error("benefit") .
        "</font></td></tr> <tr><td>" .
        form_textarea($benefit)
        . "</td></tr>";
172     echo "</table>";
173     }
174     }
175     }
176
177     echo "</table>";
178     echo "<table>";
179     $js = 'id="status"
        onChange="myFunction();"';
180     echo "<tr><td><b><font color=f06060>
        Status</font> </b></td><td>" .
        form_dropdown('status', $options,
        $proposal->status, $js) .
        "</td></tr></table>";
181
182     if ($proposal->status == "approved with
        comment") {
183     echo "<tr><td><b> Comments
        </b></td><td>" .
        form_input(array("name"=>"comments", "size"=>40, "va
        lue"=>$proposal->comments)) .
        "</td></tr></table>";
184     }
185     echo "<table id=demo>";
186     echo "</table>";
187
188     ?>
189     <script>
190     function myFunction() {
191     var x =
        document.getElementById("status").value;
192
193     if (x == "approved with comment") {
194     document.getElementById("demo").innerHTML
        = "<tr><b>Add
        Comment:</b></tr> <tr><input
        type=\"text\"
        name=\"comments\",
        id=\"comments\",
        value=\"comments\"></tr>";
195     }
196
197     else {
198     document.getElementById("demo").innerHTML
        = " ";
199     }
200     }
201     </script>
202     </table>
203
204     <?=form_submit(array("name"=>"submit", "value"=>"Edit
        Proposal"))?>
205     <?=form_close()?>

```

Listing

60:

```

1 <html>
2
3 <center>
4 <?php
5     if ($num_projects > 0){
6
7         if ($num_projects == 1){
8             echo "<h1>Announcement</h1>";
9             foreach ($projects as $project){
10
11                 echo "The budget for the project
12                     proposal,";
13                 echo "<b><a href=" .
14                     site_url('/barangay_officer/projects/view_project/
15                     . $project->project_id) ."> "
16                     . $project->project_name .
17                     "</a></b> has been approved
18                     and reevaluated by ";
19                 $sql = "SELECT first_name,
20                     last_name FROM user INNER
21                     JOIN project ON user.username
22                     = project.evaluator WHERE
23                     project.project_id =
24                     $project->project_id";
25
26                 $exec =
27                     $this->db->query($sql);
28
29                 if
30                     ($exec->num_rows()
31                     > 0){
32                     foreach($exec->result()
33                         as
34                         $data){
35                         echo
36                             "<b>"
37                             .
38                             $data->first_name
39                             .
40                             "
41                             .
42                             $data->last_name.
43                             "
44                             ";
45                     }
46                     echo " (" .
47                         $project->evaluator
48                         .") </b> .
49                         <br>";
50
51                     echo "Select Action: &nbsp; ";
52
53                     echo " <a href=" .
54                         site_url('/barangay_officer/projects/create_project_details/
55                         . $project->project_id)
56                         .">Create Additional Details
57                         </a> | ";
58
59                     $actionPlanExists =
60                         $this->model_projects->get_action_plan_count($project->project_id);
61
62                     if ($actionPlanExists > 0){
63                         echo " <a href=" .
64                             site_url('/barangay_officer/projects/view_action_plan/
65                             . $project->project_id)
66                             .">View Action Plan
67                             </a><br><br><br>";
68
69                 }
70                 else {
71                     echo " <a href=" .
72                         site_url('/barangay_officer/projects/create_
73                         . $project->project_id)
74                         .">Create Action Plan
75                         </a><br><br><br>";
76                 }
77             }
78         }
79         else if ($num_projects > 1){
80             echo "<h1>Announcement</h1>";
81             echo "The budget for the following
82                 project proposals has been
83                 evaluated already: <br><br>";
84             foreach ($projects as $project){
85                 echo "<b> " .
86                     $project->project_name
87                     . "</b> <br>";
88                 echo "Budget evaluated and
89                     finalized by: ";
90                 $sql = "SELECT first_name,
91                     last_name FROM user
92                     INNER JOIN project ON
93                     user.username =
94                     project.evaluator WHERE
95                     project.project_id =
96                     $project->project_id";
97
98                 $exec =
99                     $this->db->query($sql);
100
101                 if
102                     ($exec->num_rows()
103                     > 0){
104                     foreach($exec->result()
105                         as
106                         $data){
107                         echo
108                             "<b>"
109                             .
110                             $data->first_name
111                             .
112                             "
113                             .
114                             $data->last_name.
115                             "
116                             ";
117                     }
118                     echo " (" .
119                         $project->evaluator
120                         .") </b> .
121                         <br>";
122
123                     echo " <a href=" .
124                         site_url('/barangay_officer/projects/view_project/
125                         . $project->project_id) .">More
126                         Information </a> | ";
127
128                     $addressExists =
129                         $this->model_projects->get_address($project->project_id);
130
131                     if (($addressExists != 0) ||
132                         ($addressExists != NULL) ||
133                         !empty($addressExists)) {
134                         echo " ";
135                     }
136                     else {
137                         echo " <a href=" .
138                             site_url('/barangay_officer/projects/create_pro
139                             . $project->project_id)
140                             .">Create Additional Details
141                             </a>";
142                     }
143                 }
144             }
145         }
146     }
147 }
148
149 </center>
150 </php>
151 </html>

```

```

        </a> | ";
66     }
67     $actionPlanExists =
68         $this->model_projects->get_action_plan_count($project->project_id);
69     if ($actionPlanExists > 0){
70         echo " <a href=" .
71             site_url('/barangay_officer/projects/view_action_plan/'
72                 . $project->project_id)
73                 .">View Action Plan
74             </a><br><br><br>";
75     }
76     else {
77         echo " <a href=" .
78             site_url('/barangay_officer/projects/create_action_plan/'
79                 . $project->project_id)
80                 .">Create Action Plan
81             </a><br><br><br>";
82     }
83     }
84     }
85     else {
86         echo " ";
87     }
88     ?>
89 </center>
90 <h1>Projects</h1>
91 <a href="<?php echo
92     (site_url('/barangay_officer/projects/view_barangay_projects/'))
93     ."/" . $barangay_code ?>">View Barangay
94     Projects</a> <br>
95 <a href="<?php echo
96     (site_url('/barangay_officer/projects/view_barangay_projects_map/'
97     . $barangay_code))?">Monitor my
98     area</a> <br>
99 </html>

```

Listing 61:
barangay_officer/vProjects.php

```

1 <html>
2
3 <?php
4 $userBrgy =
5     $this->session->userdata('barangay_code');
6 ?>
7 <h1> Proposals </h1>
8 <a href="<?php echo
9     (site_url('/barangay_officer/proposals/view_all_proposals/'))?">View
10    All Proposals</a> <br>
11 <a href="<?php echo
12     (site_url('/proposals/view_approved/'
13     . $userBrgy))?">View Approved Proposals
14    in Barangay</a> <br>
15 <br>
16 <a href="<?php echo
17     (site_url('/barangay_officer/proposals/view_my_approved_proposals/'))?">View
18    Resubmitted Proposals to Me</a> <br>
19 <a href="<?php echo
20     (site_url('/barangay_officer/proposals/view_unapproved_proposals/'))?">View
21    Unapproved Proposals in Barangay</a>
22 <br>
23 <a href="<?php echo
24     (site_url('/proposals/'))?">View All
25    Approved Proposals</a> <br>
26 <a href="<?php echo
27     (site_url('/barangay_officer/proposals/view_barangay_proposals/'))?">View
28    Proposals in Barangay</a> <br>
29 <a href="<?php echo
30     (site_url('/barangay_officer/set_voting_period'))?">Set
31    Voting Period</a> <br>
32 <a href="<?php echo
33     (site_url('/barangay_officer/proposals/announce_top_proposals/'))?">View
34    Top Proposals</a> <br>
35 </html>
36
37 <div style="display: flex; justify-content: space-between;">
38     <div style="width: 33%;">
39         <div class="column-left">
40             <br>
41             <table>
42                 <thead>
43                     <tr><th><b> Sort by </b></th></tr>
44                 </thead>
45                 <tbody>
46                     <tr><td><b> View
47                         <br>
48                         <form action="..">
49                             <select name="mySelectbox">
50                                 <option value="<?php echo
51                                     base_url()?">proposals/">Select</option>
52                                 <option value="<?php echo
53                                     base_url()?">barangay_officer/proposals/view_all_proposals/">View
54                                     All Proposals</option>
55                                 <option value="<?php echo
56                                     base_url()?">barangay_officer/proposals/view_approved_proposals/">View
57                                     Resubmitted Proposals to Me</option>
58                                 <option value="<?php echo
59                                     base_url()?">barangay_officer/proposals/view_unapproved_proposals/">View
60                                     Unapproved Proposals in Barangay</option>
61                                 <option value="<?php echo
62                                     base_url()?">proposals/">View All
63                                     Approved Proposals</option>
64                                 <option value="<?php echo
65                                     base_url()?">barangay_officer/proposals/view_barangay_proposals/">View
66                                     Proposals in Barangay</option>
67                             </select>
68                         </td>
69                     <td><b> Set
70                         <br>
71                         <form action="..">
72                             <input type="text" value="<?php echo
73                                 (site_url('/barangay_officer/set_voting_period'))?">Set
74                                 Voting Period" />
75                             <input type="submit" value="Set" />
76                         </td>
77                     <td><b> Top
78                         <br>
79                         <form action="..">
80                             <input type="text" value="<?php echo
81                                 (site_url('/barangay_officer/proposals/announce_top_proposals/'))?">View
82                                 Top Proposals" />
83                             <input type="submit" value="View" />
84                         </td>
85                 </tbody>
86             </table>
87         </div>
88     </div>
89 </div>

```

Listing 62:
barangay_officer/vProposals.php

```

44 <input type="button"                                96         echo "<td><font color=f06060>" .
    onclick="window.open(this.form.mySelectbox.options[this.form.mySelectbox.selectedIndex].value, '_top')"
    value="Go">                                     97
45 </td>                                             98
46 </tr>                                             99
47 </form>                                          100        $form = array();
48 </table>                                          101        $form['proposal_id'] =
49 </div>                                             102        $proposal->proposal_id;
50                                                    103        echo "<td><a
51 <div class="column-right">                        104        href='".base_url()."barangay_officer/proposals/view_p
52 <table border="0">                                105        More </td></a>"; //working
53 <?=form_open('proposals/search_all_proposals');> 106        echo "</tr>";
54                                                    107        }
55 <?php $search =                                    108        else{
56 <td>";
    (site_url('/assets/images/magnifier12.png'))?>"> 110        echo "<td>" . $proposal->proposal_name
57 <td><?=form_input($search);?></td>              111        . "</td>";
58 <td> <input type="submit" value='Search'          112        echo "<td>" . $proposal->barangay_code
    /></td>                                           113        . "</td>";
59 </td></p>                                         114        echo "<td>" . $proposal->description .
60 <?=form_close();?>                                115        "</td>";
61 </table>                                          116        echo "<td>" .
62 </div>                                             117        $proposal->proposal_category .
63                                                    118        "</td>";
64 <br><br><br><br><br>                                  119        if ($proposal->budget == 0) {
65 <table border="1">                                120        echo "<td> None yet </td>";
66                                                    121        }
67 <?php                                             122        else{
68 $lastLogin =                                       123        echo "<td><a href=" .
    $this->session->userdata('last_login');           124        base_url()."barangay_officer/proposals/view_p
69 if(!empty($proposals)){                          125        . "> Php" .
70                                                    126        number_format($proposal->budget)
71     echo "<tr>";                                       127        . "</a></td>";
72     echo "<td><b> Proposal Title </b></td>";         128        }
73     echo "<td><b> Brgy </b></td>";                   129        echo "<td>" . $proposal->status .
74     echo "<td><b> Description </b></td>";           130        "</td>";
75     echo "<td><b> Date </b></td>";                 131
76     echo "<td><b> Category </b></td>";             132
77     echo "<td><b> Budget </b></td>";               133
78     echo "<td><b> Status </b></td>";               134
79     echo "<td><b> More Info </b></td>";            135
80     echo "<tr>";                                       136
81                                                    137
82     foreach($proposals as $proposal){              138
83         if ($proposal->date_time > $lastLogin){
84             echo "<tr>";
85             echo "<td><font color=f06060>" .
                $proposal->proposal_name .
                "</td></font>";
86             echo "<td><font color=f06060>" .
                $proposal->barangay_code .
                "</td></font>";
87             echo "<td><font color=f06060>" .
                $proposal->description .
                "</td></font>";
88             echo "<td><font color=f06060>" .
                $proposal->date_time .
                "</td></font>";
89             echo "<td><font color=f06060>" .
                $proposal->proposal_category .
                "</td></font>";
90             if ($proposal->budget == 0) {
91                 echo "<td> None yet </td>";
92             }
93             else{
94                 echo "<td><a href=" .
                    base_url()."barangay_officer/proposals/view_budget_proposal/$proposal->proposal_id"
                    . "> Php" .
                    number_format($proposal->budget)
                    . "</a></td>";
95             }
96         }
97     }
98 }
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
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```

Listing 63: barangay_officer/vSearch_All.Proposals.p

```

1 <!doctype html>
2 <html lang="en">
3 <head>

```



```

        (site_url('/assets/images/magnifier12.png'))?>">
        </td>
65 <td><?form_input($search);?></td>
66 <td> <input type=submit value='Search'
        /></td>
67 </td></p>
68 <?form_close();?>
69 </table>
70 </div>
71
72 <?form_close();?>
73 <br><br><br><br><br>
74
75 <table border="1">
76
77 <?php
78 $lastLogin =
        $this->session->userdata('last_login');
79 if(!empty($proposals)){
80
81     echo "<tr>";
82     echo "<td><b> Proposal Title </b></td>";
83     echo "<td><b> Brgy </b></td>";
84     echo "<td><b> Objective </b></td>";
85     echo "<td><b> Date </b></td>";
86     echo "<td><b> Category </b></td>";
87     echo "<td><b> Budget </b></td>";
88     echo "<td><b> Status </b></td>";
89     echo "<td><b> More Info </b></td>";
90     echo "<tr>";
91
92     foreach($proposals as $proposal){
93         if ($proposal->date_time > $lastLogin){
94             echo "<tr>";
95             echo "<td><font color=f06060><b> " .
                $proposal->proposal_name . "</b> -
                NEW! </td></font>";
96             echo "<td><font color=f06060> " .
                $proposal->barangay_code .
                "</td></font>";
97             echo "<td><font color=f06060> " .
                $proposal->objective .
                "</td></font>";
98             echo "<td><font color=f06060> " .
                $proposal->date_time .
                "</td></font>";
99             echo "<td><font color=f06060> " .
                $proposal->proposal_category .
                "</td></font>";
100             if ($proposal->budget == 0) {
101                 echo "<td><font color=f06060>
                    None yet </td></font>";
102             }
103             else{
104                 echo "<td> " .
                    anchor_popup('proposals/view_budget_proposal/' .
                    $proposal->proposal_id,
                    "Php " .
                    number_format($proposal->budget,2)
                    . "<br>" , $popup_attributes);
105             }
106             echo "<td><font color=f06060> " .
                $proposal->status . "</td></font>";
107
108             $form = array();
109             $form['proposal_id'] =
                $proposal->proposal_id;
110             echo "<td><a
                href='".base_url()."barangay_officer/proposals/view_proposal/" .
                $proposal->proposal_id."'>
                More </td></a>"; //working
111
112             echo "</tr>";
113
114         }
115     }
116 }
117 else{
118     echo "<tr>";
119     echo "<td><b> " .
        $proposal->proposal_name .
        "</b></td>";
120     echo "<td> " . $proposal->barangay_code
        . "</td>";
121     echo "<td> " . $proposal->objective .
        "</td>";
122     echo "<td> " . $proposal->date_time .
        "</td>";
123     echo "<td> " .
        $proposal->proposal_category .
        "</td>";
124     if ($proposal->budget == 0) {
125         echo "<td> None yet </td>";
126     }
127     else{
128         echo "<td> " .
            anchor_popup('proposals/view_budget_proposal/' .
            $proposal->proposal_id,
            "Php " .
            number_format($proposal->budget,2)
            . "<br>" ,
            $popup_attributes);
129     }
130     echo "<td> " . $proposal->status .
        "</td>";
131
132     $form = array();
133     $form['proposal_id'] =
        $proposal->proposal_id;
134     echo "<td><a
        href='".base_url()."barangay_officer/proposals/view_p
        More </td></a>"; //working
135     echo "</tr>";
136 }
137 }
138 }
139 }
140 else {
141     echo "<b>There are no project proposals
        to show. </b></br>";
142     echo "<a href=" .
        site_url('/barangay_officer/proposals')
        . "> < Back to Proposals Page </a>";
143 }
144 ?>
145 </table>
146 <br><br>
147 <a
        href="<?site_url('/barangay_officer/proposals')?>">
        < Back to Proposals Page </a>
148
149 <html>
150 <h3>View My Approved Proposals - With
        Comments</h3>
151 Here are the resubmitted proposals by the
        citizens. <br>
152 You may click "More Info" for more
        information about the proposed project.
        <br><br>
153 <table>
154 <?form_open() ?>
155 <?php
        echo form_open(base_url()."proposals");

```

Listing 66: barangay_officer/vView_All_Proposals.php


```

79     echo "<td><font color=f06060>" . 123 }
      $proposal->date_time . 124 else {
      "</td></font>"; 125     echo "<b>There are no project proposals
80     echo "<td><font color=f06060>" . 126     to show. </b></br>";
      $proposal->proposal_category . 127     echo "<a href="
      "</td></font>"; 128     site_url('/barangay_officer/proposals')
81     if ($proposal->budget == 0) { 129     . "> < Back to Proposals Page </a>";
82     echo "<td><font color=f06060> 130     }
      None yet </td></font>"; 131     }
83     } 132     }
84     else{ 133     }
85     echo "<td>" . 134     anchor_popup('proposals/view_budget_proposal/' . $proposal->proposal_id,
      "Php " . 135     "Php " .
      number_format($proposal->budget,2) 136     number_format($proposal->budget,2)
      . "<br>" , $popup_attributes); 137     . "<br>" , $popup_attributes);
86     } 138     }
87     echo "<td><font color=f06060>" . 139     }
88     $proposal->status . "</td></font>"; 140     }
89 141
90 142
91     $form = array(); 143
92     $form['proposal_id'] = 144     $proposal->proposal_id;
93     echo "<td><a 145     href='\" . base_url(). \"barangay_officer/proposals/view_proposal/\" . $proposal->proposal_id. \"'>
      More </td></a>"; //working 146     More </td></a>"; //working
94 147
95     echo "</tr>"; 148
96 149
97 } 150
98 151
99 else{ 152
100 153
101     echo "<tr>"; 154
102     echo "<td><b>" . 155     $proposal->proposal_name .
      $proposal->proposal_name . 156     "</b></font></td>";
      "</b></font></td>"; 157
103     echo "<td>" . $proposal->barangay_code 158     . "</td>";
      . "</td>"; 159
104     echo "<td>" . $proposal->objective . 160     "</td>";
      "</td>"; 161
105     echo "<td>" . $proposal->date_time . 162     "</td>";
      "</td>"; 163
106     echo "<td>" . 164     $proposal->proposal_category .
      $proposal->proposal_category . 165     "</td>";
      "</td>"; 166
107     if ($proposal->budget == 0) { 167     if ($proposal->budget == 0) {
108     echo "<td> None yet </td>"; 168     echo "<td> None yet </td>";
109     } 169     }
110     else{ 170     else{
111     echo "<td>" . 171     echo "<td>" .
      anchor_popup('proposals/view_budget_proposal/' . $proposal->proposal_id, 172     anchor_popup('proposals/view_budget_proposal/' . $proposal->proposal_id,
      "Php " . 173     "Php " .
      number_format($proposal->budget,2) 174     number_format($proposal->budget,2)
      . "<br>" , $popup_attributes); 175     . "<br>" , $popup_attributes);
112     } 176     }
113     echo "<td>" . $proposal->status . 177     "</td>";
      "</td>"; 178
114 179
115 180
116     $form = array(); 181
117     $form['proposal_id'] = 182     $proposal->proposal_id;
118     echo "<td><a 183     href='\" . base_url(). \"barangay_officer/proposals/view_proposal/\" . $proposal->proposal_id. \"'>
      More </td></a>"; 184     More </td></a>";
119     echo "</tr>"; 185
120 } 186
121 } 187
122 188

```

Listing 68: barangay_officer/vView_Barangay_Propo

```

33     if ($exec->num_rows() > 0){
34         foreach($exec->result() as
35             $data){
36             echo $data->last_name. "
37                 (<b>";
38         }
39     }
40     $sql = "SELECT username FROM user
41         INNER JOIN project ON
42         user.user_id = project.user_id
43         WHERE project.project_id =
44             $project->project_id";
45     $exec = $this->db->query($sql);
46
47     if ($exec->num_rows() > 0){
48         foreach($exec->result() as
49             $data){
50             echo $data->username. "</b>
51                 <br> ";
52         }
53     }
54     echo "<b>Final approval by (based on
55         votes): </b>";
56
57     $sql = "SELECT first_name FROM user
58         INNER JOIN project ON
59         user.username =
60         project.approver WHERE
61         project.project_id =
62             $project->project_id";
63     $exec = $this->db->query($sql);
64
65     if ($exec->num_rows() > 0){
66         foreach($exec->result() as
67             $data){
68             echo $data->first_name. " ";
69         }
70     }
71
72     $sql = "SELECT last_name FROM user
73         INNER JOIN project ON
74         user.username =
75         project.approver WHERE
76         project.project_id =
77             $project->project_id";
78     $exec = $this->db->query($sql);
79
80     if ($exec->num_rows() > 0){
81         foreach($exec->result() as
82             $data){
83             echo $data->last_name. " ";
84         }
85     }
86     echo "(" . $project->approver . ")
87     <br>";
88     echo "<b>Proposed Budget: </b>" .
89         anchor_popup('barangay_officer/proposals/view_budget.php?propos
90             al_id=$project->proposal_id,
91             "Php " .
92             number_format($project->budget,2)
93             . "<br>" , $popup_attributes);
94
95     if (($project->actual_budget == NULL)
96         || ($project->actual_budget == 0)
97         || ($project->actual_budget ==
98             0.00)){
99         echo "<b>Actual Budget: </b>
100             <i>No budget plan yet.
101                 </i><br>";
102     }
103
104     else {
105         echo "<b>Actual Budget: </b>" .
106             anchor_popup('barangay_officer/projects/view_bu
107                 dget.php " .
108                 number_format($project->actual_budget,2)
109                 , $popup_attributes);
110         echo "<br>";
111     }
112     echo "<b>Date approved: </b>".
113         $project->date_approved . "<br>";
114
115     echo "<br>";
116     echo "<b>Problem Statement: </b>" .
117         $project->description . "<br>";
118     echo "<b>Objective: </b>" .
119         $project->objective . "<br>";
120     echo "<b>How it Benefits the Community
121         </b>" . $project->benefit . "<br>";
122     echo "<br>";
123     echo "<div align=right><a
124         href='".base_url()."barangay_officer/projects/view_pr
125         More Information on this
126         Project</a></div>";
127     echo "<hr>";
128 }
129 }
130
131 <?>
132 <br>
133 <br>
134 <br>
135 <?php
136 if ($this->session->userdata('type') ==
137     'Administrator'){
138     echo "<a href='". site_url('admin/projects')
139         .">< Back to Projects Page</a>";
140 }
141 else if ($this->session->userdata('type') ==
142     'Barangay Officer'){
143     echo "<a href='".
144         site_url('barangay_officer/projects')
145         .">< Back to Projects Page</a>";
146 }
147 else if ($this->session->userdata('type') ==
148     'Citizen'){
149     echo "<a href='".
150         site_url('citizen/projects') .">< Back
151         to Projects Page</a>";
152 }
153 else if ($this->session->userdata('type') ==
154     'Sanggunian'){
155     echo "<a href='".
156         site_url('sanggunian/projects') ."><
157         Back to Projects Page</a>";
158 }
159 }
160 else{
161     echo "<a href='". site_url('login') .">< Back
162         to Projects Page</a>";
163 }
164 <?>
165 </html>
166
167 <html>
168 <h3>View Unapproved Proposals</h3>
169 Here are the unapproved proposals in your
170 barangay.<br>

```



```

104     else{
105     echo "<td>" . 33
        anchor_popup('proposals/view_budget_proposal/'.base_url().'barangay_officer/proposals/view_all_proposals/'.
        "Php " .
        number_format($proposal->budget,2) .
        . "<br>" , $popup_attributes);
106
107     }
108     echo "<td>" . $proposal->status .
        "</td>";
109
110     $form = array();
111     $form['proposal_id'] =
        $proposal->proposal_id;
112     echo "<td><a
        href='".base_url()."barangay_officer/proposals/view_my_approved_
        More </td></a>";
113     echo "</tr>";
114     }
115 }
116 }
117 else {
118     echo "<b>There are no project proposals
        to show. </b></br>";
119 }
120 ?>
121
122 </table>
123
124 <br><br>
125 <a
        href="?=site_url('/barangay_officer/proposals/
        < Back to Proposals Page </a>
126 </html>

```

Listing 70: barangay_officer/vView_Barangay_Proposals_Unapproved.php

```

50
51 <?=form_close()??>
52
53 <table border="1">
54
55 <?php
56 if(!empty($proposals)){
57
58     echo "<tr>";
59     echo "<td><b> Proposal Title </b></td>";
60     echo "<td><b> Brgy </b></td>";
61     echo "<td><b> Objective </b></td>";
62     echo "<td><b> Date </b></td>";
63     echo "<td><b> Category </b></td>";
64     echo "<td><b> Budget </b></td>";
65     echo "<td><b> Status </b></td>";
66     echo "<td><b> More Info </b></td>";
67     echo "<tr>";
68
69     foreach($proposals as $proposal){
70
71         echo "<tr>";
72         echo "<td><b>" .
            $proposal->proposal_name .
            "</b></font></td>";
73         echo "<td>" . $proposal->barangay_code
            . "</td>";
74         echo "<td>" . $proposal->objective .
            "</td>";
75         echo "<td>" . $proposal->date_time .
            "</td>";
76         echo "<td>" .
            $proposal->proposal_category .
            "</td>";
77         if ($proposal->budget == 0) {
78             echo "<td> None yet </td>";
79         }

```



```

72
73     echo "</td></tr>";
74
75     echo "<tr><td><b> Approved
76         by:</b></td><td>";
77
78     $sql = "SELECT first_name FROM user
79             INNER JOIN project ON
80             user.username = project.approver
81             WHERE project.project_id =
82             $project->project_id";
83     $exec = $this->db->query($sql);
84
85     if ($exec->num_rows() > 0){
86         foreach($exec->result() as $data){
87             echo $data->first_name. " ";
88         }
89     }
90
91     $sql = "SELECT last_name FROM user
92             INNER JOIN project ON
93             user.username = project.approver
94             WHERE project.project_id =
95             $project->project_id";
96     $exec = $this->db->query($sql);
97
98     if ($exec->num_rows() > 0){
99         foreach($exec->result() as $data){
100             echo $data->last_name. " (<b>";
101         }
102     }
103
104     echo $project->approver. ")</td></tr>";
105
106     echo "<tr><td><b>Budget Evaluated
107         by:</b></td><td>";
108
109     if (($project->evaluator != NULL) ||
110         ($project->evaluator != 0) ||
111         !empty($project->evaluator)){
112         $sql = "SELECT first_name FROM user
113                 INNER JOIN project ON
114                 user.username =
115                 project.evaluator WHERE
116                 project.project_id =
117                 $project->project_id";
118     $exec = $this->db->query($sql);
119
120     if ($exec->num_rows() > 0){
121         foreach($exec->result() as $data){
122             echo $data->first_name. " ";
123         }
124     }
125
126     $sql = "SELECT last_name FROM user
127             INNER JOIN project ON
128             user.username =
129             project.evaluator WHERE
130             project.project_id =
131             $project->project_id";
132     $exec = $this->db->query($sql);
133
134     if ($exec->num_rows() > 0){
135         foreach($exec->result() as $data){
136             echo $data->last_name. "
137                 (<b>";
138         }
139     }
140
141     echo $project->evaluator.
142         ")</td></tr>";
143
144     }
145
146     else {
147         echo "<i>Not yet evaluated</i>";
148     }
149
150     echo "<tr><td><b> Barangay: </b>
151         </td><td> " .
152         $project->barangay_code .
153         "</td></tr>";
154
155     echo "<tr><td><b> Rating: </b></td><td>
156         ";
157
158     if ($project->rating == 0){
159         echo "0 ";
160     }
161     else if (($project->rating > 0.0) &&
162         ($project->rating <= 0.25)){
163         echo "";
166     }
167     else if (($project->rating > 0.25) &&
168         ($project->rating <= 0.5)){
169         echo "";
172     }
173     else if (($project->rating > 0.50) &&
174         ($project->rating <= 0.75)){
175         echo "";
178     }
179     else if (($project->rating > 0.75) &&
180         ($project->rating < 1.0)){
181         echo "";
184     }
185     else if ($project->rating == 1){
186         echo "";
189     }
190
191     echo "<tr><td><b> Date Approved:
192         </b></td><td> " .
193         $project->date_approved .
194         "</td></tr>";
195
196     if ($project->date_evaluated ==
197         "0000-00-00 00:00:00"){
198         echo "<tr><td><b> Date Evaluated:
199             </b></td><td><i> Not yet
200             evaluated. </i></td></tr>";
201     }
202     else {
203         echo "<tr><td><b> Date Evaluated:
204             </b></td><td> " .
205             $project->date_evaluated .
206             "</td></tr>";
207     }
208
209     if (($project->date_begin != NULL) &&
210         ($project->date_end != NULL)){
211         echo "<tr><td><b> Start Date of
212             Project </b></td><td> " .
213             $project->date_begin .
214             "</td></tr>";
215         echo "<tr><td><b> End Date of
216             Project </b></td><td> " .
217             $project->date_end .
218             "</td></tr>";
219     }
220
221     }

```

```

160     echo "<tr><td><b> Proposed Budget
161     </b></td><td>Php " .
162     number_format($project->budget, 2)
163     . " &nbsp; <input type=button
164     name=answer value=View
165     onclick=showDiv2() /></td>";
166
167     if (($project->actual_budget == NULL)
168     || ($project->actual_budget == 0)
169     || ($project->actual_budget ==
170     0.00)){
171     echo "<tr><td><b> Actual Budget
172     </b></td><td> <i>Not yet
173     evaluated. </i></td></tr>";
174
175     }
176
177     else {
178     echo "<tr><td><b> Actual Budget
179     </b></td><td>Php " .
180     number_format($project->actual_budget,
181     2) . " &nbsp; <input
182     type=button name=answer
183     value=View onclick=showDiv()
184     /></td>";
185
186     }
187     echo "</table>";
188
189     <div id="welcomeDiv2"
190     style="display:none;"
191     class="answer_list" >
192
193     <?php
194     echo "<br>";
195     echo "<b>Budget Proposal<b><br>";
196     echo "<table border=1>";
197
198     echo "<tr>";
199     echo "<td> <b><u>Item</u></b> </td>";
200     echo "<td><center> <b><u>Price</u></b>
201     </center></td>";
202     echo "<td><center>
203     <b><u>Quantity</u></b>
204     </center></td>";
205     echo "<td><center> <b><u>Cost </u></b>
206     </center></td>";
207     echo "</tr>";
208
209     foreach ($budget_proposal as $row){
210     echo "<tr>";
211     echo "<td><b>" . $row->item .
212     "</b></td>";
213     echo "<td><center> Php " .
214     $row->price .
215     "</center></td>";
216     echo "<td><center>" .
217     floatval($row->quantity) .
218     "</center></td>";
219     echo "<td><center> Php ".
220     number_format($row->cost,2) .
221     "</center></td>";
222     echo "</tr>";
223
224     }
225
226     echo "<tr>";
227     echo "<td><b><u>Total Cost
228     </b></u></td>";
229     echo "<td> </td>";
230     echo "<td> </td>";
231     echo "<td><b><center> Php " .
232     number_format($project->actual_budget,
233     2) . "</center></td>";
234
235     echo "</table>";
236     ?>
237
238     </div>
239
240     <?php
241     echo "<table>";
242     echo "<tr><td><b> Problem Statement
243     </b></td></tr><tr><td>" .
244     $project->description .
245     "</td></tr>";
246     echo "<tr><td><b> Objective
247     </b></td></tr><tr><td>" .
248     $project->objective . "</td><tr>";
249     echo "<tr><td><b> How will this benefit
250     the community?
251     </b></td></tr><tr><td>" .
252     $project->benefit . "</td><tr>";
253     echo "</table>";
254     }

```

```

250     }
251 }
252 ?>
253 </table>
254
255 <?php
256     $actionPlanExists =
257         $this->model_projects->get_action_plan_count($project->project_id);
258     $addressExists =
259         $this->model_projects->get_address($project->project_id);
260     $actualBudget =
261         $this->model_projects->get_actual_budget($project->project_id);
262     $projectBrgy =
263         $this->model_projects->get_project_barangay($project->project_id);
264     $userBrgy =
265         $this->session->userdata('barangay_code');
266
267     if (($actualBudget == 0) ||
268         ($actualBudget == 0.00) ||
269         ($actualBudget == NULL)){
270
271         if (($projectBrgy == $userBrgy) &&
272             ($this->session->userdata('type')
273             == "Barangay Officer")) {
274             echo "<a>Waiting for actual
275             budget plan. Once submitted,
276             you can create additional
277             details for this
278             project</a><br>";
279         }
280         else {
281             echo "<br>";
282         }
283     }
284
285     else {
286         if ($actionPlanExists > 0) {
287             echo "<table>";
288             echo "<tr><td><b><u>Action
289             Plan</u></b></td><td>
290             </td></tr>";
291             echo "<tr>";
292             echo
293                 "<td><b>Action</b></td>";
294             echo "<td><b>Rate</b></td>";
295             echo
296                 "<td><b>Remark</b></td>";
297             echo "</tr>";
298             echo "<ol>";
299             foreach ($action_plan as
300                 $data){
301                 echo "<tr><td><li>" .
302                     $data->action .
303                     "</li></td>";
304                 if (($data->rate) == 1){
305                     echo "<td></td>";
308                 }
309                 else if (($data->rate
310                     == 0)){
311                     echo "<td></td>";
314                 }
315                 echo "<td>" .
316                     $data->remarks .
317                     "</td>";
318             echo "</tr>";
319         }
320     }
321 }
322
323
324
325
326
327
328
329
330
331
332
333
334 ?>
335
336
337
338
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341
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497
498
499
500

```

Listing 73:
barangay_officer/vView_Project.php

```

1 <html>
2 <head>
3 <style>
4 table {
5     width: 65%;
6 }
7 </style>

```



```

96     }
97   }
98   echo "(. $proposal->approver . 143
    )</td></tr>"; 144
99   }
100  else {echo $proposal->status .
    "</td></tr>";}
101  echo "</table>";
102  ?>
103  <div id="welcomeDiv"
    style="display:none;"
    class="answer_list" > 145
104  <?php 146
105  echo "<br>"; 147
106  echo "<b>Budget Plan<b><br>"; 148
107  echo "<table border=1>"; 149
108  149
109  echo "<tr>";
110  echo "<td> <b><u>Item</u></b> </td>"; 150
111  echo "<td><center> <b><u>Price</u></b> 151
    </center></td>"; 152
112  echo "<td><center> 153
    <b><u>Quantity</u></b>
    </center></td>";
113  echo "<td><center> <b><u>Cost </u></b>
    </center></td>";
114  echo "</tr>";
115
116  foreach ($budget_plan as $row){
117  154
118  echo "<tr>"; 155
119  echo "<td><b>" . $row->item . 156
    "</b></td>"; 157
120  echo "<td><center> Php " . $row->price 158
    . "</center></td>";
121  echo "<td><center>" . 159
    floatval($row->quantity) .
    "</center></td>"; 160
122  echo "<td><center> Php " . 161
    number_format($row->cost) .
    "</center></td>"; 162
123  echo "</tr>";
124  }
125  echo "<tr>"; 163
126  echo "<td><b><u>Total Cost 164
    </b></u></td>"; 165
127  echo "<td> </td>"; 166
128  echo "<td> </td>"; 167
129  echo "<td><b><center> Php " . 168
    number_format($proposal->budget) .
    "</center></td>"; 169
130
131  echo "</table>"; 170
132  ?>
133  </div>
134
135  <?php
136  echo "<table>"; 171
137  echo "<tr><td><b> Problem Statement 172
    </b></td></tr><tr><td>" .
    $proposal->description .
    "</td></tr>";
138  echo "<tr><td><b> Objective 173
    </b></td></tr><tr><td>" .
    $proposal->objective . "</td><tr>"; 174
139  echo "<tr><td><b> How will this benefit 175
    the community?
    </b></td></tr><tr><td> " . 176
    $proposal->benefit . "</td><tr>";
140
141  if ($proposal->status == "approved with
    comment"){
142  echo "<tr><td><font
    color=f06060><b>Additional
    Comments by: ";
    $sql = "SELECT first_name FROM
    user INNER JOIN proposal ON
    proposal.last_edit=
    user.username WHERE
    proposal.last_edit =
    '$proposal->last_edit' AND
    proposal.proposal_id =
    $proposal->proposal_id";
    $exec = $this->db->query($sql);
    if ($exec->num_rows() > 0){
    foreach($exec->result() as
    $data){
    echo $data->first_name. "
    ";
    }
    }
    $sql = "SELECT last_name FROM
    user INNER JOIN proposal ON
    proposal.last_edit =
    user.username WHERE
    proposal.last_edit =
    '$proposal->last_edit' AND
    proposal.proposal_id =
    $proposal->proposal_id";
    $exec = $this->db->query($sql);
    if ($exec->num_rows() > 0){
    foreach($exec->result() as
    $data){
    echo $data->last_name. "
    ";
    }
    }
    echo "(" . $proposal->last_edit .
    ")</b></font></td></tr>";
    echo "<tr><td>" .
    $proposal->comments.
    "</td></tr>";
    }
    echo "</table>";
  }
  echo "<div align= center>";
  if ($proposal->barangay_code ==
  $userBrgy){
  if ($proposal->status == "not
  approved"){
  echo "<a href=" .
  site_url('barangay_officer/proposals/approve
  $proposal->proposal_id
  .">Approve this
  Proposal</a>";
  echo "&nbsp; &nbsp; &nbsp; &nbsp; &nbsp;";
  echo "<a href=" .
  site_url("/barangay_officer/proposals/edit_pr
  .">Modify this
  Proposal</a><br>";
  }
  }
  else if (($proposal->status ==
  "approved with comment") &&
  ($proposal->approver ==
  $userName) &&
  ($proposal->last_edit !=
  $userName)){
  echo "<a href=" .

```



```

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'97', '98' => '98', '99' => '99', '100'
=> '100', '101' => '101', '102' =>
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'126' => '126', '127' => '127', '128'
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'140' => '140', '141' => '141', '142'
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'154' => '154', '155' => '155', '156'
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'168' => '168', '169' => '169', '170'
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'175' => '175', '176' => '176', '177'
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'182' => '182', '183' => '183', '184'
=> '184', '185' => '185', '186' =>
'186', '187' => '187', '188' => '188',
23
);
24
25
26 echo "<tr><td><b> Sort by </b></td>" ;
27
28 ?>
29 <td>
30 <form action="..">
31 <select name="mySelectbox">
32     <option value="." base_url() .
        "admin/accounts/viewAllAccounts/">Select
        a Barangay</option>;
33 <?php
34     for ($i = 1; $i <= 188; $i++){
35         echo "<option value=" .
90             base_url() .
91             "admin/accounts/viewBarangayAccounts/"
92             .$i .">" . $i . "</option>";
36     }
37
38 ?>
39 </select>
40 </td>
41 <td>
42 <input type="button"
        onclick="window.open(this.form.mySelectbox.options[this.form.mySelectbox.selectedIndex].value, '_top')"
        value="Go">
43 </td>
44 </tr>
45 </form>
46 </table>
47 </p>
48 </div>
49 <div class="column-right">
50 <table border="0">
51 <?form_open('accounts/search_all_users');?>
52
53 <?php $search =
        array('name'=>'search', 'id'=>'search', 'value'=>"");?>
54 <td>
        </td>
55 <td><?form_input($search);?></td>
56 <td> <input type=submit value='Search'
        /></td>
57 </td></p>
58 <?form_close();?>
59 </table>
60 </div>
61
62
63 <table border="1">
64
65 <?php
66 if(!empty($users)){
67
68     echo "<tr>";
69     echo "<td><b> Username </b></td>";
70     echo "<td><b> First Name </b></td>";
71     echo "<td><b> Last Name </b></td>";
72     echo "<td><b> Role </b></td>";
73     echo "<td><b> Address </b></td>";
74     echo "<td><b> Contact Number </b></td>";
75     echo "<td><b> E-mail </b></td>";
76     echo "<td><b> Brgy. </b></td>";
77     echo "<td><b> Account Status </b></td>";
78     echo "<td><b> More Info </b></td>";
79     echo "<td><b> Edit </b></td>";
80     echo "<tr>";
81
82     foreach($users as $user){
83
84         echo "<tr>";
85         echo "<td> <b>". $user->username . "
            </b></td>";
86         echo "<td>" . $user->first_name .
            "</td>";
87         echo "<td>" . $user->last_name .
            "</td>";
88
89         $sql = "SELECT role.role_name FROM user
            inner join user_role on
            user.user_id = user_role.user_id
            INNER JOIN ROLE on
            user_role.role_id = role.role_id
            WHERE user.user_id =
            $user->user_id";
90         $exec = $this->db->query($sql);
91
92         if ($exec->num_rows() > 0){
93             foreach($exec->result() as $data){
94                 $db_role_name = $data->role_name;
95                 if ($db_role_name == "admin"
                    || $db_role_name == "citizen"
                    || $db_role_name ==
                    "sanggunan"){
96                     echo "<td> ". $db_role_name;
97                 }
98                 else {
99                     echo "<td> barangay officer ";
100                 }
101             }
102         }
103     }
104     else {echo "<td><i> pending</i>";}

```

```

105     echo "</td>";
106     echo "<td>" . $user->address . "</td>";
107     echo "<td>" . $user->contact_number .
108         "</td>";
109     echo "<td>" . $user->email . "</td>";
110     echo "<td>" . $user->barangay_code .
111         "</td>";
112     echo "<td><i> ";
113     if ($user->account_status == "pending")
114     {
115         echo "<b>". $user->account_status .
116             "</b></i></td>";
117     }
118     else {
119         echo $user->account_status .
120             "</i></td>";}
121     $form = array();
122     $form['user_id'] = $user->user_id;
123     echo "<td><a
124         href='".base_url()."<a href='".base_url().">accounts/viewAccount/"
125         . $user_id . ">View </td></a>";
126     echo "<td><a
127         href='".base_url().">accounts/editAccount/"
128         . $user_id . ">Edit </td></a>";
129     echo "</tr>";
130 }
131 }
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```

Listing 77: admin/vAll_Accounts.php

```

1 <style>
2 .column-left{ float: left; width: 33%; }
3 .column-right{ float: right; width: 33%; }
4 .column-center{ display: inline-block;
5     width: 33%; }
6 </style>
7 <h3>View Barangay Accounts</h3>
8 <p>
9 These are all of the accounts in the
10 selected barangay, <b>Barangay <?php
11     echo $barangay_code;?> </b>. <br>
12 <a href="<?php echo
13     site_url('admin/accounts') ?>"> < Back
14     to Accounts</a>
15 <div class="column-left">
16 <br>
17 <table>
18 <form action="..">
19 <?php
20     echo "<tr><td><b>Sort by:</b></td><td>";
21     echo "<select name=mySelectbox>";
22     echo "<option value=" . base_url() .
23         "admin/accounts/viewAllAccounts>Select
24         Barangay</option>";
25     $range = range( 1, 188 );
26     foreach ( $range as $value ) {
27         echo "<option value=" . base_url().
28             "admin/accounts/viewBarangayAccounts/$value">
29             ".$value . "</option>";
30     }
31     echo "</select>";
32     echo "</td>";
33 <?>
34 <td>
35     <input type="button"
36         onclick="window.open(this.form.mySelectbox.options[this
37             value="Go">
38     </td>
39 </tr>
40 </form>
41 </table>
42 </div>
43 <div class="column-right">
44     <?php echo $barangay_code;?>
45     <?form_open('accounts/search_barangay_users/' . $barangay_code);?>
46     <?form $search;?>
47     array('name'=>'search', 'id'=>'search', 'value'=>'');?>
48     <td>
50     </td>
51     <td><?form_input($search);?></td>
52     <td> <input type="submit" value='Search'
53         /></td>
54 </td></p>
55 <?form_close();?>
56 </table>
57 </div>
58 </p>
59 <table border="1">
60 <?php
61 if(!empty($users)){
62     echo "<tr>";
63     echo "<td><b> Username </b></td>";
64     echo "<td><b> First Name </b></td>";
65     echo "<td><b> Last Name </b></td>";
66     echo "<td><b> Role </b></td>";
67     echo "<td><b> Address </b></td>";
68     echo "<td><b> Contact Number </b></td>";
69     echo "<td><b> E-mail </b></td>";
70     echo "<td><b> Brgy. </b></td>";
71     echo "<td><b> Account Status </b></td>";
72     echo "<td><b> More Info </b></td>";
73     echo "<td><b> Edit </b></td>";
74     echo "<tr>";
75     foreach($users as $user){
76         echo "<tr>";
77         echo "<td> <b>". $user->username . "
78             </b></td>";
79         echo "<td>" . $user->first_name .
80             "</td>";
81         echo "<td>" . $user->last_name .
82             "</td>";
83         $sql = "SELECT role.role_name FROM user
84             inner join user_role on
85             user.user_id = user_role.user_id
86             INNER JOIN ROLE on
87             user_role.role_id = role.role_id
88         ";
89     }
90 }
91 }
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```

```

WHERE user.user_id =
$user->user_id";
82 $exec = $this->db->query($sql);
83
84 if ($exec->num_rows() > 0){
85     foreach($exec->result() as $data){
86         $db_role_name = $data->role_name;
87         if ($db_role_name == "admin"
88             || $db_role_name == "citizen"
89             || $db_role_name ==
90                 "sanggungan"){
91             echo "<td> ".$db_role_name;
92         }
93         else if ($db_role_name ==
94             "barangay_officer"){
95             echo "<td> barangay officer ";
96         }
97     }
98     else {echo "<td><i> pending</i>";}
99     echo "<td>". $user->address . "</td>";
100    echo "<td>". $user->contact_number.
101        "</td>";
102    echo "<td>". $user->email . "</td>";
103    echo "<td>". $user->barangay_code .
104        "</td>";
105    echo "<td><i> ";
106    if ($user->account_status == "pending")
107    {
108        echo "<b>". $user->account_status .
109            "</b></i></td>";
110    }
111    else {
112        echo $user->account_status .
113            "</i></td>";}
114
115    $form = array();
116    $form['user_id'] = $user->user_id;
117    echo "<td><a
118        href='".base_url()."accounts/viewAccount/".
119        $form['user_id']."'>View </td></a>";
120    echo "<td><a
121        href='".base_url()."accounts/editAccount/".
122        $form['user_id']."'>Edit </td></a>";

```

Listing 78:
admin/vAll_Brgy_Accounts.php

```

1 <h3>Pending Citizen Accounts</h3>
2 <p>
3 <?php echo
4     $this->session->userdata('barangay_code')
5     ?>
6 These are all the pending accounts in the
7 system. <br>
8 Click <font color="f06060">ENABLE</font> to
9 enable a new account.<br>

```

```

6 Once an account is enabled, the user may
7 already use that account to participate
8 in the system.<br>
9 <a href="<?php echo
10 site_url('admin/accounts') ?>" > Back
11 to Accounts</a>
12 <br><br>
13 <table>
14 <form action="..">
15 <?php
16     echo "<tr><td><b>Sort by:</b></td><td>";
17     echo "<select name=mySelectbox>";
18     echo "<option value=" . base_url() .
19         "admin/approve_pending>Select
20         Barangay</option>";
21     $range = range( 1, 188 );
22     foreach ($range as $value) {
23         echo "<option value=" . base_url().
24             "admin/approve_pending/view_barangay_pending/$value
25             . $value . "</option>";
26     }
27     echo "</select>";
28     echo "</td>";
29 ?>
30 <td>
31 <input type="button"
32     onclick="window.open(this.form.mySelectbox.options[this
33     value="Go">
34 </td>
35 </tr>
36 </form>
37 </table>
38 <?=form_open() ?>
39 </p>
40 <table border="1">
41 <?php
42 if(!empty($users)){
43     echo "<tr>";
44     echo "<td><b> Username </b></td>";
45     echo "<td><b> First Name </b></td>";
46     echo "<td><b> Last Name </b></td>";
47     echo "<td><b> Address </b></td>";
48     echo "<td><b> Birthday </b></td>";
49     echo "<td><b> Contact Number </b></td>";
50     echo "<td><b> E-mail </b></td>";
51     echo "<td><b> Brgy. </b></td>";
52     echo "<td><b> Account Status </b></td>";
53     echo "<td><b> More Info </b></td>";
54     echo "<td><b> Enable </b></td>";
55     echo "<tr>";
56     foreach($users as $user){
57         echo "<tr>";
58         echo "<td> <b>". $user->username . "
59         </b></td>";
60         echo "<td>". $user->first_name .
61         "</td>";
62         echo "<td>". $user->last_name .
63         "</td>";
64         echo "<td>". $user->address . "</td>";
65         echo "<td>". $user->birthday . "</td>";
66         echo "<td>". $user->contact_number.
67         "</td>";
68         echo "<td>". $user->email . "</td>";
69         echo "<td>". $user->barangay_code .
70         "</td>";
71         echo "<td><i> ". $user->account_status
72         . "</i></td>";

```

```

63     $form = array();
64     $form['user_id'] = $user->user_id;
65     echo "<td><a
        href='".base_url().">accounts/viewAccount/"
        View </td></a>";
66     echo "<td><a
        href='".base_url().">admin/approve_pending/
        Enable </td></a>";
67     echo "</tr>";
68 }
69 }
70
71 else {
72     echo "<b>There are no pending
        accounts.</b></br>";
73
74 }
75 ?>
76
77 </table>

```

Listing 79:
admin/vApprove.Pending.php

```

1 <link rel="stylesheet" type="text/css"
    href="<? echo
      base_url();?>/assets/css/style.css">
2 <link rel="stylesheet" type="text/css"
    href="<? echo
      base_url();?>/assets/css/flexslider.css">
3 <link rel="stylesheet" type="text/css"
    href="<? echo
      base_url();?>/assets/css/ie.css">
4 <link rel="stylesheet" type="text/css"
    href="<? echo
      base_url();?>/assets/css/normalize.css">
5 <link rel="stylesheet" type="text/css"
    href="<? echo
      base_url();?>/assets/css/foundation.min.css">
6 <style>
7 .column-left{ float: left; width: 33%; }
8 .column-right{ float: right; width: 33%; }
9 .column-center{ display: inline-block;
    width: 33%; }
10
11 .container{
12     display:table-cell;
13     vertical-align:middle;
14 }
15 .container .box{
16     width:700px;
17     height:auto;
18     border:1px dashed #f06060;
19     background: #fffdec;
20     margin:0 auto;
21 }
22 }
23 </style>
24
25 <div align=right>
26 <?php
27 date_default_timezone_set('Asia/Manila');
28 $curr_time = date("Y-m-d H:i:s");
29 $userBrgy =
30     $this->session->userdata('barangay_code');
31 echo "<font color=gray>Last login " .
    $this->session->userdata('last_login')
    . "</font><br>";
32 echo "Current time: " . $curr_time;
33 ?>
34
35 </div>
36 <?php
37 echo "<h2> Welcome, " .
    $this->session->userdata('first_name') .
    " " .
    $this->session->userdata('last_name') .
    enable?"/>?>";
38 echo "You are currently logged in as: <b>" .
    $this->session->userdata('username') .
    </b><br>";
39 echo "Your account type: <b>" .
    $this->session->userdata('type') .
    </b><br>";
40 echo "Your barangay: <b>Barangay " .
    $this->session->userdata('barangay_code')
    . "</b><br><br>";
41 $count_pending_accounts =
    $this->model_users->getAllPendingCount();
42 if ($count_pending_accounts > 0) {
43 ?>
44 <center>
45 <div class="container">
46 <div class="box">
47 
48 <?php
49 if ($count_pending_accounts == 1){
50     echo "<b>Accounts</b> - There is " .
    $count_pending_accounts. " pending
    account. ";
51     echo "<a href=" .
    site_url('/admin/approve_pending')
    . ">Click here to approve</a>
    <br>";
52 }
53 else {
54     echo "<b>Accounts</b> - There are " .
    $count_pending_accounts. " pending
    accounts. ";
55     echo "<a href=" .
    site_url('/admin/approve_pending')
    . ">Click here to approve</a>
    <br>";
56 }
57 }
58
59 echo "<br><br>";
60 echo "</div></div>";
61 }
62
63 ?>
64 <br>
65 <?php
66 echo "<center>";
67 echo "<h1>What do you want to do? </h1>";
68 echo "<br><br>";
69 ?>
70 <div class="column-center">
71 
72 <a href="<?php echo
    (site_url('/proposals/'))?>">
    <h1> Proposals </h1> </a>
73 <a href="<?php echo
    (site_url('/proposals/'))?>">View
    All Approved Proposals</a>
    <br>
74 <a href="<?php echo
    (site_url('/admin/proposals/view_all_proposals')
    All Proposals</a> <br>
75 <a href="<?php echo
    (site_url('/admin/proposals/view_unapproved_prop
    Unapproved Proposals in

```

```

76         Barangay</a> <br>
77         <a href="<?php echo
78             (site_url('/admin/proposals/view_barangay_projects'))?>View
79             </a> <br>
80         </div>
81         <div class="column-left">
82             
85             <div class="column-right">
86                 "
90                 <a href="<?php echo
91                     (site_url('/admin/projects/view_barangay_projects'))?>View
92                 </center>

```

Listing 80: admin/vDashboard.php

```

1 <script
2     src="http://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>
3 <link rel="stylesheet"
4     href="http://code.jquery.com/ui/1.10.0/themes/base/jquery-ui.css" />
5 <script
6     src="http://code.jquery.com/jquery-1.8.3.js"></script>
7 <script
8     src="http://code.jquery.com/ui/1.10.0/jquery-ui.js"></script>
9 <link rel="stylesheet"
10     href="/resources/demos/style.css" />
11 <head>
12     <meta charset="utf-8">
13     <link rel="stylesheet"
14         href="//code.jquery.com/ui/1.11.4/themes/smoothness/jquery-ui.css" />
15 <script
16     src="//code.jquery.com/jquery-1.10.2.js"></script>
17 <script
18     src="//code.jquery.com/ui/1.11.4/jquery-ui.js"></script>
19 <link rel="stylesheet"
20     href="/resources/demos/style.css">
21 <script>
22     $(function() {
23         $('#datepicker').datepicker({
24             changeMonth: true,
25             changeYear: true,
26         });
27     });
28
29     $( "#datepicker" ).datepicker( "option",
30         (site_url('/admin/proposals/view_barangay_projects'))?>View-mm-dd );
31     });
32 </script>
33 </head>
34 <h3>Edit an Account</h3>
35 <p>
36     These are the account details for account
37     <b>Edit</b>
38     <table border="1">
39         <tr>
40             <td><?php foreach ($users as $user) {echo
41                 $user->first_name . " " .
42                 $user->middle_name . " " .
43                 $user->last_name . " ";}>
44             </td>
45         </tr>
46     </table>
47     <br>
48     <a href="<?php echo
49         (site_url('/admin/accounts/viewAllAccounts'))?>ViewAllAccounts">View All
50         Accounts</a> <br>
51     <a href="<?php echo
52         (site_url('/admin/accounts/viewAllAccounts'))?>ViewAllAccounts">
53         user accounts</a> <br>
54     <a href="<?php echo
55         (site_url('/admin/accounts/viewAllAccounts'))?>ViewAllAccounts">
56         < Back to All Accounts</a>
57 </p>
58 <script>
59     jQuery.noConflict();
60     $(function() {
61         $('#datepicker').datepicker();
62     });
63 </script>
64 <?php
65     $barangay_options = array(
66         '0' => 'Select barangay no.',
67         '1' => '1',
68         '2' => '2',
69         '3' => '3', '4' => '4', '5' => '5', '6' =>
70         '6', '7' => '7', '8' => '8', '9' =>
71         '9', '10' => '10', '11' => '11', '12'
72         => '12', '13' => '13', '14' => '14',
73         '15' => '15', '16' => '16', '17' =>
74         '17', '18' => '18', '19' => '19', '20'
75         => '20', '21' => '21', '22' => '22',
76         '23' => '23', '24' => '24', '25' =>
77         '25', '26' => '26', '27' => '27', '28'
78         => '28', '29' => '29', '30' => '30',
79         '31' => '31', '32' => '32', '33' =>
80         '33', '34' => '34', '35' => '35', '36'
81         => '36', '37' => '37', '38' => '38',
82         '39' => '39', '40' => '40', '41' =>
83         '41', '42' => '42', '43' => '43', '44'
84         => '44', '45' => '45', '46' => '46',
85         '47' => '47', '48' => '48', '49' =>
86         '49', '50' => '50', '51' => '51', '52'
87         => '52', '53' => '53', '54' => '54',
88         '55' => '55', '56' => '56', '57' =>
89         '57', '58' => '58', '59' => '59', '60'
90         => '60', '61' => '61', '62' => '62',
91         '63' => '63', '64' => '64', '65' =>
92         '65', '66' => '66', '67' => '67', '68'
93         => '68', '69' => '69', '70' => '70',
94         '71' => '71', '72' => '72', '73' =>
95         '73', '74' => '74', '75' => '75', '76'
96         => '76', '77' => '77', '78' => '78',
97         '79' => '79', '80' => '80', '81' =>
98         '81', '82' => '82', '83' => '83', '84'
99         => '84', '85' => '85', '86' => '86',
100        '87' => '87', '88' => '88', '89' =>
101        '89', '90' => '90', '91' => '91', '92'
102        => '92', '93' => '93', '94' => '94',
103        '95' => '95', '96' => '96', '97' =>
104        '97', '98' => '98', '99' => '99', '100'

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=> '100', '101' => '101', '102' =>
'102', '103' => '103', '104' => '104',
'105' => '105', '106' => '106', '107'
=> '107', '108' => '108', '109' =>
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=> '114', '115' => '115', '116' =>
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=> '177', '178' => '178', '179' =>
'179', '180' => '180', '181' => '181',
'182' => '182', '183' => '183', '184'
=> '184', '185' => '185', '186' =>
'186', '187' => '187', '188' => '188',
49
50 );
51 $account_options = array(
52     'pending' => 'pending',
53     'enabled' => 'enabled',
54     'disabled' => 'disabled',
55 );
56
57 $role_options = array(
58     'administrator' => 'administrator',
59     'barangay_officer' => 'barangay
60         officer',
61     'citizen' => 'citizen',
62     'sanggunian' => 'sanggunian'
63 );
64 $sex_options = array(
65     'male' => 'male',
66     'female' => 'female'
67 );
68
69
70
71 if(!empty($users)){
72     foreach($users as $user) {
73         echo
74             form_open(base_url()."accounts/editAccount/".$user->userid."&id=".$user->birthday))
75             echo "<tr><td><b> Username
76                 </b></td><td>" . $user->username
77                 . "</td></tr>";
78             echo "<tr><td><b> Password
79                 </b></td><td><a href=".
80                 site_url("admin/accounts/resetPassword/".$user->user_id")
81                 . "Reset Password </a></td></tr>";
82             echo "<tr><td><b> Barangay
83                 </b></td><td>" .
84                 form_dropdown('barangay_code',
85                     $barangay_options,
86                     $user->barangay_code)
87                 . "</td></tr>";
88             echo "<tr><td><b> Account Status
89                 </b></td><td>" .
90                 form_dropdown('account_status',
91                     $account_options,
92                     $user->account_status) .
93                 "</td></tr>";
94             echo "<tr><td><b> Role</b></td><td>";
95             if (($user->account_status) ==
96                 'pending') {
97                 echo " <a href=".
98                     site_url("admin/approve_pending/enable/".$user->userid)
99                     . "><i>Account still pending.
100                     Enable. </i></a>" ;
101             }
102             else{
103                 $sql = "SELECT role.role_name FROM
104                     user inner join user_role on
105                     user.user_id =
106                     user_role.user_id INNER JOIN
107                     ROLE on user_role.role_id =
108                     role.role_id WHERE user.user_id
109                     = $user->user_id";
110                 $exec = $this->db->query($sql);
111                 if ($exec->num_rows() > 0){
112                     foreach($exec->result() as $data){
113                         $db_role_name =
114                             $data->role_name;
115                         echo
116                             form_dropdown('role_name',$role_options,
117                             $db_role_name);
118                     }
119                 }
120             }
121             echo "</td></tr>";
122             echo "<tr><td><td></td></tr>";
123             echo "<tr><td><b> First Name
124                 </b></td><td>" .
125                 form_input(array("name"=>"first_name", "size"=>40, "value"=>
126                     $user->first_name)) .
127                 form_error("first_name") .
128                 "</td></tr>";
129             echo "<tr><td><b> Middle Name
130                 </b></td><td>" .
131                 form_input(array("name"=>"middle_name", "size"=>40, "value"=>
132                     $user->middle_name)) .
133                 form_error("middle_name") .
134                 "</td></tr>";
135             echo "<tr><td><b> Last Name
136                 </b></td><td>" .
137                 form_input(array("name"=>"last_name", "size"=>40, "value"=>
138                     $user->last_name)) .
139                 form_error("last_name") .
140                 "</td></tr>";
141             echo "<tr><td><b> Address
142                 </b></td><td>" .
143                 form_input(array("name"=>"address", "size"=>40, "value"=>
144                     $user->address)) .
145                 form_error("address") .
146                 "</td></tr>";
147             echo "<tr><td><b> Birthday
148                 </b></td><td>" .
149                 form_input(array("name"=>"birthday", "size"=>40, "value"=>
150                     $user->birthday)) .
151                 form_error("birthday") .
152                 "</td></tr>";
153         }
154     }
155 }
156
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```

Listing 81: admin/vEdit_Account.php

```

2   <meta charset="utf-8">
3   <link rel="stylesheet"
4     href="//code.jquery.com/ui/1.11.4/themes/smoothness/jquery-ui.css">
5   <script
6     src="//code.jquery.com/jquery-1.10.2.js"></script>
7   <script
8     src="//code.jquery.com/ui/1.11.4/jquery-ui.js"></script>
9   <link rel="stylesheet"
10    href="/resources/demos/style.css">
11  <script>
12    $(function() {
13      $("#datepicker").datepicker({
14        changeMonth: true,
15        changeYear: true,
16      });
17      $("#datepicker").datepicker("option",
18        "dateFormat", "yy-mm-dd" );
19    });
20  </script>
21  </head>
22  <h3>Edit My Account</h3>
23  <p>
24  These are the account details for your
25  account
26  <b><?php foreach ($users as $user) {echo
27    $user->first_name . " " .
28    $user->middle_name . " " .
29    $user->last_name . " ";}?>
30  (<font color="f06060"><b><?php foreach
31    ($users as $user) {echo
32    $user->username;}?></b></font>)< br>
33  <a href="<?php echo
34    site_url('admin/accounts/') ?>"> < Back
35  to Accounts</a>
36  </p>
37  <table border="1">
38  <?php
39  $barangay_options = array(
40    '0' => 'Choose barangay no.',
41    '1' => '1',
42    '2' => '2',
43    '175' => '175',
44    '176' => '176',
45  );
46  $account_options = array(
47    'Enabled' => 'Enabled',
48    'Pending' => 'Pending',
49    'Disabled' => 'Disabled',
50  );
51  $role_options = array(
52    'admin' => 'admin',
53    'barangay_officer' =>
54      'barangay_officer',
55    'citizen' => 'citizen'
56  );
57  $sex_options = array(
58    'male' => 'male',
59    'female' => 'female'
60  );
61  echo
62  form_open(base_url()."accounts/editOwnAccount/".$user->
63  id."<tr><td><b> Username
64  </b></td><td>" .
65  $user->username."</td></tr>";
66  <tr><td><b> Password
67  </b></td><td><a href="
68  site_url("change_password") .">
69  Change Password</a> </td></tr>";
70  <tr><td><b> Barangay
71  </b></td><td>" .
72  $user->barangay_code . "</td></tr>";
73  <tr><td><b> Account Status
74  </b></td><td>" .
75  $user->account_status .
76  "</td></tr>";
77  <tr><td><td></td></td></tr>";
78  <tr><td><b> First Name
79  </b></td><td>" . $user->first_name
80  . "</td></tr>";
81  <tr><td><b> Middle Name
82  </b></td><td>" .
83  $user->middle_name . "</td></tr>";
84  <tr><td><b> Last Name
85  </b></td><td>" . $user->last_name
86  . "</td></tr>";
87  <tr><td><td></td></td></tr>";
88  <tr><td><b> Address
89  </b></td><td>" . $user->address
90  . "</td></tr>";
91  <tr><td><b> Birthday
92  </b></td><td>" .
93  $user->birthday . "</td></tr>";
94  <tr><td><b> Age </b></td><td>" .
95  $user->age . "</td></tr>";
96  <tr><td><b> Sex </b></td><td>" .
97  $user->sex . "</td></tr>";
98  ?>
99  <tr>
100 <td><b>Contact Number</b></td>
101 <td><?form_input(array("name"=>"contact_number",
102 "value"=>$user->contact_number))
103 ?></td>
104 <td><?form_error("contact_number")?></td>
105 </tr>
106 <tr>
107 <td><b>Email</b></td>
108 <td><?form_input(array("name"=>"email",
109 "value"=>$user->email)) ?></td>
110 <td><?form_error("email")?></td>
111 </tr>
112 <?php
113 }
114 }
115 ?>
116 </table>
117 <?form_submit(array("name"=>"submit", "value"=>"Save
118 Changes"))?>
119 <?form_close()?>
120 </html>
121 <center>
122 <?php

```

Listing
admin/vEdit_OwnAccount.php

82:

```

5   if ($num_projects > 0){
6
7       if ($num_projects == 1){
8           echo "<h1>Announcement</h1>";
9           foreach ($projects as $project){
10
11               echo "The budget for the project
12                   proposal,";
13               echo "<b><a href=" .
14                   site_url('/admin/projects/view_project/'
15                   . $project->project_id) . "> "
16                   . $project->project_name .
17                   "</a></b> has been approved
18                   and reevaluated by ";
19               $sql = "SELECT first_name,
20                   last_name FROM user INNER
21                   JOIN project ON user.username
22                   = project.evaluator WHERE
23                   project.project_id =
24                   $project->project_id";
25
26                   $exec =
27                       $this->db->query($sql);
28
29                   if
30                       ($exec->num_rows()
31                       > 0){
32                       foreach($exec->result()
33                           as
34                           $data){
35                           echo
36                               "<b>"
37                               .
38                               $data->first_name
39                               .
40                               "
41                               .
42                               $data->last_name .
43                               "
44                               ";
45                           }
46                       }
47                       echo " (" .
48                           $project->evaluator
49                           .") </b> .
50                           <br>";
51
52                       echo " <a href=" .
53                           site_url('/admin/projects/view_project/'
54                           . $project->project_id) . ">More
55                           Information </a> | ";
56
57                       $addressExists =
58                           $this->model_projects->get_address($project->project_id);
59
60                       if (($addressExists != 0) ||
61                           ($addressExists != NULL) ||
62                           !empty($addressExists)) {
63                           echo "";
64                       }
65                       else {
66                           $actionPlanExists =
67                               $this->model_projects->get_action_plan_count($project->project_id);
68
69                           if ($actionPlanExists > 0){
70                               echo " <a href=" .
71                                   site_url('/admin/projects/view_action_plan/'
72                                   . $project->project_id)
73                                   . ">View Action Plan
74                                   </a><br><br><br>";
75
76                               }
77                               else {
78
79                                   }
80                               else {
81
82                                   }
83                               }
84                           }
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993                          }
994                          }
995                          }
996                          }
997                          }
998                          }
999                          }

```

```

79 <a href="php echo (site_url('admin/projects/view_barangay_projects') . "/" . $barangay_code) ?">View Barangay
Projects</a> <br>
80 <a href="php echo (site_url('admin/projects/view_barangay_projects_map/' . $barangay_code)) ?">Monitor my
area</a> <br>
81 </html>
82

```

Listing 83: admin/vProjects.php

```

1 <html>
2
3 <h1> Proposals </h1>
4 <a href="php echo (site_url('/admin/proposals/view_all_proposals')) ?">View
All Proposals</a> <br>
5 <a href="php echo (site_url('/admin/proposals/view_unapproved_proposals')) ?">View
Unapproved Proposals in Barangay</a>
<br>
6 <a href="php echo (site_url('/proposals/')) ?">View All
Approved Proposals</a> <br>
7 <a href="php echo (site_url('/admin/proposals/view_barangay_proposals')) ?">View
Proposals in Barangay</a> <br>
8
9
10 </html>

```

Listing 84: admin/vProposals.php

```

1 <html>
2 <style>
3 .column-left{ float: left; width: 33%; }
4 .column-right{ float: right; width: 33%; }
5 .column-center{ display: inline-block;
width: 33%; }
6 </style>
7
8
9 <?php $search_query =
$this->input->post('search'); ?>
10
11 <h3>View All Proposals - Search Results for
<i>?php echo $search_query; ?</i></h3>
12 Here are the results for your search
<i>"?php echo $search_query; ?</i>.
<br>
13 You may click "More Info" for more
information about the proposed project.
<br><br>
14 <div class="column-left">
15 <br>
16 <table>
17 <?=form_open() ?>
18 <?php
19 echo form_open(base_url()."proposals");
20 $barangay_options = array(
21 '0' => 'Choose barangay no.',
22 '1' => '1',
23 '2' => '2',
24 '175' => '175',
25 '176' => '176',
26 );
27
28 echo "<tr><td><b> Sort by </b></td>" ;
29

```

```

30 ?>
31 <form action="..">
32 <select name="mySelectbox">
33 <option value="php echo
(site_url('admin/proposals/view_all_proposals')) ?">Select</option>
34 <option value="php echo
base_url()&gt;admin/proposals/view_all_proposals"&gt;All
Proposals&lt;/option&gt;
35 &lt;option value="<?php echo
base_url()&gt;admin/proposals/view_barangay_proposals"&gt;All
in Barangay&lt;/option&gt;
36 &lt;option value="<?php echo
base_url()&gt;admin/proposals/view_unapproved_proposals"&gt;All
Proposals&lt;/option&gt;
37 &lt;/select&gt;
38
39 &lt;/td&gt;
40 &lt;/tr&gt;
41 &lt;input type="button"
onclick="window.open(this.form.mySelectbox.options[this.f
42 value="Go"])" /&gt;
43 &lt;/td&gt;
44 &lt;/tr&gt;
45 &lt;/form&gt;
46 &lt;/table&gt;
47 &lt;/div&gt;
48
49 &lt;div class="column-right"&gt;
50 &lt;table border="0"&gt;
51 &lt;?=form_open('accounts/search_barangay_users');?&gt;
52
53 &lt;?php $search =
array('name'=&gt;'search', 'id'=&gt;'search', 'value'=&gt;"");?&gt;
54 &lt;td&gt;&lt;img src="<?php echo
(site_url('/assets/images/magnifier12.png')) ?">
</td>
55 <td><?=form_input($search);?</td>
56 <td> <input type=submit value='Search'
/></td>
57 </td></p>
58 <?=form_close();?>
59 </table>
60 </div>
61
62 <br><br><br><br><br>
63 <table border="1">
64
65 <?php
66 $lastLogin =
$this->session->userdata('last_login');
67 if(!empty($proposals)){
68
69 echo "<tr>";
70 echo "<td><b> Proposal Title </b></td>";
71 echo "<td><b> Brgy </b></td>";
72 echo "<td><b> Description </b></td>";
73 echo "<td><b> Date </b></td>";
74 echo "<td><b> Category </b></td>";
75 echo "<td><b> Budget </b></td>";
76 echo "<td><b> Status </b></td>";
77 echo "<td><b> More Info </b></td>";
78 echo "<tr>";
79
80 foreach($proposals as $proposal){
81 if ($proposal->date_time > $lastLogin){
82 echo "<tr>";
83 echo "<td><font color=f06060> " .
$proposal->proposal_name .
"</td></font>";
84 echo "<td><font color=f06060> " .
$proposal->barangay_code .
"</td></font>";

```

```

85     echo "<td><font color=f06060>" .
        $proposal->description .
        "</td></font>";
86     echo "<td><font color=f06060>" .
        $proposal->date_time .
        "</td></font>";
87     echo "<td><font color=f06060>" .
        $proposal->proposal_category .
        "</td></font>";
88     if ($proposal->budget == 0) {
89         echo "<td> None yet </td>";
90     }
91     else{
92         echo "<td><a href=" .
            base_url()."admin/proposals/view
            . "> Php" .
            number_format($proposal->budget)
            . "</a></td>";
93     }
94     echo "<td><font color=f06060>" .
        $proposal->status . "</td></font>";
95
96     $form = array();
97     $form['proposal_id'] =
        $proposal->proposal_id;
98     echo "<td><a
        href='".base_url()."admin/proposals/view
        More </td></a>";
99     echo "</tr>";
100 }
101
102 else{
103     echo "<tr>";
104     echo "<td>" . $proposal->proposal_name
        . "</td>";
105     echo "<td>" . $proposal->barangay_code
        . "</td>";
106     echo "<td>" . $proposal->description .
        "</td>";
107     echo "<td>" . $proposal->date_time .
        "</td>";
108     echo "<td>" .
        $proposal->proposal_category .
        "</td>";
109     if ($proposal->budget == 0) {
110         echo "<td> None yet </td>";
111     }
112     else{
113         echo "<td><a href=" .
            base_url()."admin/proposals/view
            budget_proposal/$proposal->proposal_id"
            . "> Php" .
            number_format($proposal->budget)
            . "</a></td>";
114     }
115     echo "<td>" . $proposal->status .
        "</td>";
116
117     $form = array();
118     $form['proposal_id'] =
        $proposal->proposal_id;
119     echo "<td><a
        href='".base_url()."admin/proposals/view
        More </td></a>";
120     echo "</tr>";
121 }
122 }
123 }
124 }
125 else {
126     echo "<b>There are no project proposals
        to show. </b></br>";
127     echo "<a href=" .
        site_url('/admin/proposals') . "> <

```

```

        Back to Proposals Page </a>";
128 }
129 ?>
130 </table>
131 <br><br>
132 <a href="<?=site_url('/admin/proposals')?>">
    < Back to Proposals Page </a>
133 </html>

```

Listing 85:
admin/vSearch_All.Proposals.php

```

1 <style>
2 .column-left{ float: left; width: 33%; }
3 .column-right{ float: right; width: 33%; }
4 .column-center{ display: inline-block;
    width: 33%; }
5 </style>
6
7 <?php $search_query =
    $this->input->post('search'); ?>
8
9 <h3>Search Results for <i><?php echo
    $search_query; ?></i></h3>
10 <p>
11 Here are the results for your search,
12 <i><?php echo $search_query; ?></i>:
13 <br>
14 <a href="<?php echo
    site_url('admin/accounts/viewAllAccounts')
    ?>"> < Back to All Accounts</a>
15 <div class="column-left">
16 <br>
17 <table>
18 <?=form_open() ?>
19 <?php
    echo form_open(base_url()."proposals");
20     $barangay_options = array(
21         '0' => 'Select barangay no.',
22         '1' => '1',
23         '2' => '2',
24         '3' => '3', '4' => '4', '5' => '5', '6' =>
        '6', '7' => '7', '8' => '8', '9' =>
        '9', '10' => '10', '11' => '11', '12'
        => '12', '13' => '13', '14' => '14',
        '15' => '15', '16' => '16', '17' =>
        '17', '18' => '18', '19' => '19', '20'
        => '20', '21' => '21', '22' => '22',
        '23' => '23', '24' => '24', '25' =>
        '25', '26' => '26', '27' => '27', '28'
        => '28', '29' => '29', '30' => '30',
        '31' => '31', '32' => '32', '33' =>
        '33', '34' => '34', '35' => '35', '36'
        => '36', '37' => '37', '38' => '38',
        '39' => '39', '40' => '40', '41' =>
        '41', '42' => '42', '43' => '43', '44'
        => '44', '45' => '45', '46' => '46',
        '47' => '47', '48' => '48', '49' =>
        '49', '50' => '50', '51' => '51', '52'
        => '52', '53' => '53', '54' => '54',
        '55' => '55', '56' => '56', '57' =>
        '57', '58' => '58', '59' => '59', '60'
        => '60', '61' => '61', '62' => '62',
        '63' => '63', '64' => '64', '65' =>
        '65', '66' => '66', '67' => '67', '68'
        => '68', '69' => '69', '70' => '70',
        '71' => '71', '72' => '72', '73' =>
        '73', '74' => '74', '75' => '75', '76'
        => '76', '77' => '77', '78' => '78',
        '79' => '79', '80' => '80', '81' =>
        '81', '82' => '82', '83' => '83', '84'

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=> '84', '85' => '85', '86' => '86',
'87' => '87', '88' => '88', '89' =>
'89', '90' => '90', '91' => '91', '92'
=> '92', '93' => '93', '94' => '94',
'95' => '95', '96' => '96', '97' =>
'97', '98' => '98', '99' => '99', '100'
=> '100', '101' => '101', '102' =>
'102', '103' => '103', '104' => '104',
'105' => '105', '106' => '106', '107'
=> '107', '108' => '108', '109' =>
'109', '110' => '110', '111' => '111',
'112' => '112', '113' => '113', '114'
=> '114', '115' => '115', '116' =>
'116', '117' => '117', '118' => '118',
'119' => '119', '120' => '120', '121'
=> '121', '122' => '122', '123' =>
'123', '124' => '124', '125' => '125',
'126' => '126', '127' => '127', '128'
=> '128', '129' => '129', '130' =>
'130', '131' => '131', '132' => '132',
'133' => '133', '134' => '134', '135'
=> '135', '136' => '136', '137' =>
'137', '138' => '138', '139' => '139',
'140' => '140', '141' => '141', '142'
=> '142', '143' => '143', '144' =>
'144', '145' => '145', '146' => '146',
'147' => '147', '148' => '148', '149'
=> '149', '150' => '150', '151' =>
'151', '152' => '152', '153' => '153',
'154' => '154', '155' => '155', '156'
=> '156', '157' => '157', '158' =>
'158', '159' => '159', '160' => '160',
'161' => '161', '162' => '162', '163'
=> '163', '164' => '164', '165' =>
'165', '166' => '166', '167' => '167',
'168' => '168', '169' => '169', '170'
=> '170', '171' => '171', '172' =>
'172', '173' => '173', '174' => '174',
'175' => '175', '176' => '176', '177'
=> '177', '178' => '178', '179' =>
'179', '180' => '180', '181' => '181',
'182' => '182', '183' => '183', '184'
=> '184', '185' => '185', '186' =>
'186', '187' => '187', '188' => '188',
25 );
26
27 echo "<tr><td><b> Sort by </b></td>" ;
28
29 ?>
30 <td>
31 <form action="..">
32 <select name="mySelectbox">
33     <option value="." base_url() .
        "admin/accounts/viewAllAccounts/">Select
        a Barangay</option>;
34 <?php
35     for ($i = 1; $i <= 188; $i++){
36         echo "<option value=" .
            base_url() .
            "admin/accounts/viewBarangayAccounts/"
            . $i . ">" . $i . "</option>";
37     }
38 ?>
39 </select>
40 </td>
41 <td>
42 <input type="button"
43     onClick="window.open(this.form.mySelectbox.options[this.form.mySelectbox.selectedIndex].value, 'top')"
44     value="Go">
45 </tr>
46 </form>
47 </table>
48 </p>
49 </div>
50
51 <div class="column-right">
52 <table border="0">
53 <?form_open('accounts/search_all_users');?>
54
55 <?php $search =
        array('name'=>'search', 'id'=>'search', 'value'=>''),?>
56 <td>
        </td>
57 <td><?form_input($search);?></td>
58 <td> <input type=submit value='Search'
        /></td>
59 </td></p>
60 <?form_close();?>
61 </table>
62 </div>
63
64 <table border="1">
65 <?php
66 if(!empty($users)){
67
68     echo "<tr>";
69     echo "<td><b> Username </b></td>";
70     echo "<td><b> First Name </b></td>";
71     echo "<td><b> Last Name </b></td>";
72     echo "<td><b> Role </b></td>";
73     echo "<td><b> Address </b></td>";
74     echo "<td><b> Contact Number </b></td>";
75     echo "<td><b> E-mail </b></td>";
76     echo "<td><b> Brgy. </b></td>";
77     echo "<td><b> Account Status </b></td>";
78     echo "<td><b> More Info </b></td>";
79     echo "<td><b> Edit </b></td>";
80     echo "<tr>";
81
82     foreach($users as $user){
83
84         echo "<tr>";
85         echo "<td> <b>". $user->username . "
            </b></td>";
86         echo "<td>" . $user->first_name .
            "</td>";
87         echo "<td>" . $user->last_name .
            "</td>";
88         //
89         $sql = "SELECT role.role_name FROM user
            inner join user_role on
            user.user_id = user_role.user_id
            INNER JOIN ROLE on
            user_role.role_id = role.role_id
            WHERE user.user_id =
            $user->user_id";
90         $exec = $this->db->query($sql);
91
92         if ($exec->num_rows() > 0){
93             foreach($exec->result() as $data){
94                 $db_role_name = $data->role_name;
95                 if ($db_role_name == "admin"
                    || $db_role_name == "citizen"
                    || $db_role_name ==
                    "sanggunian"){
96                     echo "<td> ". $db_role_name;
97                 }
98                 else if ($db_role_name ==
                    "barangay officer"){
99                     echo "<td> barangay officer ";
100                 }
101             }
102         }

```



```

11 <script>
12 var numRows = 2, ti = 5;
13
14 function isNumber(n) {
15     return !isNaN(parseFloat(n)) &&
16         isFinite(n);
17 }
18
19 function recalc() {
20     var lt = 0,
21         wt = 0,
22         tt = 0;
23
24     $("#turf").find('tr').each(function () {
25         var a =
26             $(this).find('input.item').val();
27         var l =
28             $(this).find('input.length').val();
29         var w =
30             $(this).find('input.width').val();
31         var dateTotal = (l * w);
32
33         $(this).find('input.row-total').val(dateTotal
34             ? dateTotal : "");
35         wt += isNumber(w) ? parseInt(w, 10) :
36             0;
37         lt += isNumber(l) ? parseInt(l, 10) :
38             0;
39         tt += isNumber(dateTotal) ? dateTotal
40             : 0;
41
42         if(parseInt(l) < 0 || parseInt(w) < 0
43             || parseInt(dateTotal) < 0) {
44             alert("Please enter positive values
45                 only.");
46         }
47
48         if ((a === '') && ((l != '') || (w !=
49             ''))) {
50             alert("Check current row: Item
51                 cannot be left blank.");
52         }
53
54         if ((l === '') && (w != '')) {
55             alert("Check current row: Price
56                 cannot be left blank.");
57         }
58
59         if (w == '0') {
60             alert("Quantity should be at least
61                 1.");
62         }
63
64         if((jQuery.trim(l).length != '0') &&
65             isNaN(l)){
66             alert("Check current row: Enter
67                 numerical values only for
68                 Price.");
69         }
70
71         if((jQuery.trim(w).length != '0') &&
72             isNaN(w)){
73             alert("Check current row: Enter
74                 numerical values only for
75                 Quantity.");
76         }
77     });
78
79     $("#length-grand-total").html(lt);
80     $("#width-grand-total").html(wt);
81     $("#table-grand-total").html(tt);
82 }
83
84 function addRow() {
85     $('#addr' + numRows).html("<td
86         class='item'>" + "<input type='text'
87         input name='item[" + numRows + "]"
88         class='item form-control
89         input-md'></td> <td
90         class='length'><input name='price["
91         + numRows + "]" type='text'
92         class='length form-control input-md'
93         value='' tabindex='" + (ti++) + "'
94         /></td><td class='width'><input
95         name='quantity[" + numRows + "]"
96         type='text' class='width
97         form-control input-md' value=''
98         tabindex='" + (ti++) + "' /></td>
99         <td class='row-total'><input
100        type='text' name='cost[" + numRows +
101        "]" class='row-total form-control'
102        value='' readonly /></td>");
103     $('#turf tr:last').after('<tr id="addr' +
104        (numRows + 1) + '"
105        class="calculation visible"><tr>');
106     numRows++;
107 }
108
109 function delRow() {
110     if (numRows > 1) {
111         $("#addr" + (numRows - 1)).remove();
112         numRows--;
113     }
114 }
115
116 $(function () {
117     $("#turf").on("click", ".calculation",
118         recalc);
119     $("#turf").on("keyup blur",
120         ".form-control", recalc);
121     $("#add_row").on("click",function()
122         {addRow()});
123     $("#delete_row").on("click",function()
124         {delRow()});
125 });
126
127 function calculateSum() {
128     var sum = 0;
129     //iterate through each textboxes and add
130     //the values
131     $(".row-total").each(function () {
132         //add only if the value is number
133         if (!isNaN(this.value) &&
134             this.value.length != 0) {
135             sum += parseFloat(this.value);
136         }
137     });
138     //toFixed() method will roundoff the
139     //final sum to 2 decimal places
140     $(".table-total").val(sum.toFixed(2));
141 }
142
143 function calculateRow() {
144     $('>.length, .width').keyup(function () {
145         var rowtotal = 0;
146         var $row = $(this).closest("tr");
147         var length =
148             parseFloat($row.find('>.length').val());
149         var width =
150             parseFloat($row.find('>.width').val());
151         rowtotal = length * width;
152         alert($("#width").val()); //remove
153         //after testing
154     });
155 }

```



```

8 .column-right{ float: right; width: 33%; }
9 .column-center{ display: inline-block;
10 width: 33%; }
11
12 .container{
13 display:table-cell;
14 vertical-align:middle;
15 }
16 .container .box{
17 width:700px;
18 height:auto;
19 border:1px dashed #f06060;
20 background: #fffdec;
21 margin:0 auto;
22 }
23 </style>
24
25 <div align=right>
26 <?php
27 date_default_timezone_set('Asia/Manila');
28 $curr_time = date("Y-m-d H:i:s");
29 echo " <font color=gray>Last login " .
30 $this->session->userdata('last_login')
31 . "</font><br>";
32 echo "Current time: " . $curr_time;
33 <?php
34 </div>
35 <?php
36 echo "<h2> Welcome to iBudgetMo, " .
37 $this->session->userdata('first_name') .
38 " " .
39 $this->session->userdata('last_name') .
40 "!</h2>";
41 echo "You are currently logged in as: <b>" .
42 $this->session->userdata('username') .
43 "</b><br>";
44 echo "Your account type: <b>" .
45 $this->session->userdata('type') .
46 "</b><br>";
47 echo "Your barangay: <b>Barangay " .
48 $this->session->userdata('barangay_code')
49 . "</b><br><br>";
50 $userBrgy =
51 $this->session->userdata('barangay_code');
52 $projects_count =
53 $this->model_projects->get_barangay_project_count($userBrgy);
54 $no_budget_count =
55 $this->model_projects->get_barangay_no_budget_count($userBrgy);
56 $projects =
57 $this->model_projects->get_project_no_budget($userBrgy);
58 if ($projects_count > 0){
59 <?php
60 <center>
61 <div class="container">
62 <div class="box">
63 Projects</b> - ";
67 echo "Proposals are already finalized as
68 approved projects.";
69 echo "<a href=" .
70 site_url('/sanggungan/projects/view_barangay_projects/'
71 . $userBrgy) . "> Click here to view
72 the projects.</a><br>";
73 if ($no_budget_count > 0){
74 echo "<br>";
75 if ($no_budget_count == 1){
76 echo "This Project does not have a
77 finalized budget yet: <br>";
78 }
79 }
80 }
81 }
82 }
83 }
84 }
85 }
86 }
87 }
88 }
89 }
90 }
91 }
92 }
93 }
94 }
95 }
96 }
97 }
98 }
99 }
100 }

```

```

97 | </div>
98 | </center>

```

Listing 89:
sanggunian/vDashboard.php

```

1 | <html>
2 |
3 | <center>
4 | <?php
5 |     if ($num_projects > 0){
6 |
7 |         if ($num_projects == 1){
8 |             foreach ($projects as $project){
9 |
10 |                 echo "The budget for the project
11 |                    proposal,";
12 |                 echo "<b><a href=" .
13 |                    site_url('/sanggunian/projects/view_project/'
14 |                    . $project->project_id) . "> "
15 |                    . $project->project_name .
16 |                    "</a></b> has been approved
17 |                    and reevaluated by ";
18 |                 $sql = "SELECT first_name,
19 |                    last_name FROM user INNER
20 |                    JOIN project ON user.username
21 |                    = project.evaluator WHERE
22 |                    project.project_id =
23 |                    $project->project_id";
24 |
25 |                 $exec =
26 |                     $this->db->query($sql);
27 |
28 |                 if
29 |                     ($exec->num_rows()
30 |                     > 0){
31 |                     foreach($exec->result()
32 |                         as
33 |                         $data){
34 |                         echo
35 |                             "<b>"
36 |                             .
37 |                             $data->first_name
38 |                             .
39 |                             "
40 |                             .
41 |                             $data->last_name.
42 |                             "
43 |                             ";
44 |
45 |                         }
46 |
47 |                         echo " (" .
48 |                             $project->evaluator
49 |                             .") </b> .
50 |                             <br>";
51 |
52 |                     echo " <a href=" .
53 |                         site_url('/sanggunian/projects/view_project/'
54 |                         . $project->project_id) . ">More
55 |                         Information </a> | ";
56 |
57 |                     $addressExists =
58 |                         $this->model_projects->get_address($project->projec
59 |                     if (($addressExists != 0) ||
60 |                         ($addressExists != NULL) ||
61 |                         !empty($addressExists)) {
62 |                         echo "";
63 |                     }
64 |                     else {
65 |
66 |                     }
67 |
68 |                     $actionPlanExists =
69 |                         $this->model_projects->get_action_plan_count($project->project_id);
70 |                     if ($actionPlanExists > 0){
71 |                         echo " <a href=" .
72 |                             site_url('/sanggunian/projects/view_action_pl
73 |                             . $project->project_id)
74 |                             . ">View Action Plan
75 |                             </a><br><br><br>";
76 |
77 |                     }
78 |                     else {
79 |
80 |                     }
81 |                 }
82 |             }
83 |         }
84 |     }

```



```

77
78 $sql = "SELECT last_name FROM user
INNER JOIN project ON
user.username = project.approver
WHERE project.project_id =
$project->project_id";
79 $exec = $this->db->query($sql);
80
81 if ($exec->num_rows() > 0){
82     foreach($exec->result() as $data){
83         echo $data->last_name. " (<b>";
84     }
85 }
86
87 echo $project->approver. ")/td></tr>";
88 echo "<tr><td><b>Budget Evaluated
by:</b></td><td>";
89
90 if (($project->evaluator != NULL) ||
($project->evaluator != 0) ||
!empty($project->evaluator)){
91     $sql = "SELECT first_name FROM user
INNER JOIN project ON
user.username =
project.evaluator WHERE
project.project_id =
$project->project_id";
92     $exec = $this->db->query($sql);
93
94     if ($exec->num_rows() > 0){
95         foreach($exec->result() as $data){
96             echo $data->first_name. " ";
97         }
98     }
99
100     $sql = "SELECT last_name FROM user
INNER JOIN project ON
user.username =
project.evaluator WHERE
project.project_id =
$project->project_id";
101     $exec = $this->db->query($sql);
102
103     if ($exec->num_rows() > 0){
104         foreach($exec->result() as $data){
105             echo $data->last_name. "
(<b>";
106         }
107     }
108
109     echo $project->evaluator.
")</td></tr>";
110 }
111 else {
112     echo "<i>Not yet evaluated</i>";
113 }
114 echo "<tr><td><b> Barangay: </b>
</td><td> " .
$project->barangay_code .
"</td></tr>";
115 echo "<tr><td><b> Rating: </b></td><td>
";
116
117 if ($project->rating == 0){
118     echo "0 ";
119 }
120 else if (($project->rating > 0.0) &&
($project->rating <= 0.25)){
121     echo "";
122 }
123 else if (($project->rating > 0.25) &&
($project->rating <= 0.5)){
124     echo "";
125 }
126 else if (($project->rating > 0.50) &&
($project->rating <= 0.75)){
127     echo "";
128 }
129 else if (($project->rating > 0.75) &&
($project->rating < 1.0)){
130     echo "";
131 }
132 else if ($project->rating == 1){
133     echo "";
134 }
135 echo "<tr><td><b> Date Approved:
</b></td><td>" .
$project->date_approved .
"</td></tr>";
136
137 if ($project->date_evaluated ==
"0000-00-00 00:00:00"){
138     echo "<tr><td><b> Date Evaluated:
</b></td><td><i> Not yet
evaluated. </i></td></tr>";
139 }
140 else {
141     echo "<tr><td><b> Date Evaluated:
</b></td><td>" .
$project->date_evaluated .
"</td></tr>";
142 }
143
144 if (($project->date_begin != NULL) &&
($project->date_end != NULL)){
145     echo "<tr><td><b> Start Date of
Project </b></td><td>" .
$project->date_begin .
"</td></tr>";
146     echo "<tr><td><b> End Date of
Project </b></td><td>" .
$project->date_end .
"</td></tr>";
147 }
148 echo "<tr><td><b> Proposed Budget
</b></td><td>Php " .
number_format($project->budget, 2)
. " &nbsp; <input type=button
name=answer value=View
onclick=showDiv2() /></td>";
149
150 if (($project->actual_budget == NULL)
|| ($project->actual_budget == 0)
|| ($project->actual_budget ==
0.00)){
151     echo "<tr><td><b> Actual Budget
</b></td><td> <i>Not yet
evaluated. </i>";
152     if
(($this->session->userdata('type')
== "Sanggunian") &&
($project->barangay_code
==
($this->session->userdata('barangay_code'))))
153         echo "&nbsp; &nbsp; &nbsp; &nbsp; <a href="

```

```

        site_url('sanggunian/projects/create_budget_plan/' .
        $project->project_id) . 200
        ">Create Budget Plan 201
        </a></td></tr>"; 202
    } 203
    else { 204
        echo "</td></tr>"; 205
    } 206
} 207
else { 208
    echo "<tr><td><b> Actual Budget 208
    </b></td><td>Php " .
    number_format($project->actual_budget,
    2) . " &nbsp; <input 210
    type=button name=answer
    value=View onclick=showDiv() 211
    /></td>"; 213
} 214
echo "</table>"; 214
?>
<div id="welcomeDiv" 215
    style="display:none;"
    class="answer_list" >
<?php 216
echo "<br>";
echo "<b>Budget Proposal<b><br>";
echo "<table border=1>"; 217
218
echo "<tr>"; 219
echo "<td> <b><u>Item</u></b> </td>"; 220
echo "<td><center> <b><u>Price</u></b> 221
</center></td>";
echo "<td><center> 222
<b><u>Quantity</u></b>
</center></td>"; 223
echo "<td><center> <b><u>Cost </u></b> 224
</center></td>";
echo "</tr>"; 225
226
    foreach ($budget_proposal as $row){ 227
        echo "<tr>"; 228
        echo "<td><b>" . $row->item . 229
        "</b></td>";
        echo "<td><center> Php " . 231
        $row->price .
        "</center></td>"; 232
        echo "<td><center>" . 233
        floatval($row->quantity) .
        "</center></td>";
        echo "<td><center> Php " . 234
        number_format($row->cost,2) .
        "</center></td>";
        echo "</tr>";
    }
235
echo "<tr>";
236
echo "<td><b><u>Total Cost 236
</b></u></td>";
237
echo "<td> </td>"; 238
echo "<td> </td>"; 239
echo "<td><b><center> Php " . 240
    number_format($project->budget, 2)
    . "</center></td>"; 242
echo "</table>"; 243
?> 244
</div>
245
<div id="welcomeDiv" 246
    style="display:none;"
    class="answer_list" >
        site_url('sanggunian/projects/create_budget_plan/' .
        $project->project_id) . 200
        ">Create Budget Plan 201
        </a></td></tr>"; 202
    } 203
    else { 204
        echo "</td></tr>"; 205
    } 206
} 207
else { 208
    echo "<tr><td><b> Actual Budget 208
    </b></td><td>Php " .
    number_format($project->actual_budget,
    2) . " &nbsp; <input 210
    type=button name=answer
    value=View onclick=showDiv() 211
    /></td>"; 213
} 214
echo "</table>"; 214
?>
<div id="welcomeDiv" 215
    style="display:none;"
    class="answer_list" >
<?php 216
echo "<br>";
echo "<b>Budget Proposal<b><br>";
echo "<table border=1>"; 217
218
echo "<tr>"; 219
echo "<td> <b><u>Item</u></b> </td>"; 220
echo "<td><center> <b><u>Price</u></b> 221
</center></td>";
echo "<td><center> 222
<b><u>Quantity</u></b>
</center></td>"; 223
echo "<td><center> <b><u>Cost </u></b> 224
</center></td>";
echo "</tr>"; 225
226
    foreach ($budget_proposal as $row){ 227
        echo "<tr>"; 228
        echo "<td><b>" . $row->item . 229
        "</b></td>";
        echo "<td><center> Php " . 231
        $row->price .
        "</center></td>"; 232
        echo "<td><center>" . 233
        floatval($row->quantity) .
        "</center></td>";
        echo "<td><center> Php " . 234
        number_format($row->cost,2) .
        "</center></td>";
        echo "</tr>";
    }
235
echo "<tr>";
236
echo "<td><b><u>Total Cost 236
</b></u></td>";
237
echo "<td> </td>"; 238
echo "<td> </td>"; 239
echo "<td><b><center> Php " . 240
    number_format($project->budget, 2)
    . "</center></td>"; 242
echo "</table>"; 243
?> 244
</div>
245
<div id="welcomeDiv" 246
    style="display:none;"
    class="answer_list" >
        foreach ($budget_plan as $row){
        echo "<tr>";
        echo "<td><b>" . $row->item .
        "</b></td>";
        echo "<td><center> Php " .
        $row->price .
        "</center></td>";
        echo "<td><center>" .
        floatval($row->quantity) .
        "</center></td>";
        echo "<td><center> Php " .
        number_format($row->cost,2) .
        "</center></td>";
        echo "</tr>";
    }
    echo "<tr>";
    echo "<td><b><u>Total Cost
    </b></u></td>";
    echo "<td> </td>";
    echo "<td> </td>";
    echo "<td><b><center> Php " .
    number_format($project->actual_budget,
    2) . "</center></td>";
    echo "</table>";
    ?>
</div>
<?php
echo "<table>";
echo "<tr><td><b> Problem Statement
</b></td></tr><tr><td>" .
    $project->description .
    "</td></tr>";
echo "<tr><td><b> Objective
</b></td></tr><tr><td>" .
    $project->objective . "</td><tr>";
echo "<tr><td><b> How will this benefit
the community?
</b></td></tr><tr><td>" .
    $project->benefit . "</td><tr>";
echo "</table>";
}
}
?>
</table>
<?php
$actionPlanExists =
    $this->model_projects->get_action_plan_count($project->project_id);
$addressExists =
    $this->model_projects->get_address($project->project_id);
$actualBudget =
    $this->model_projects->get_actual_budget($project->project_id);

```

```

247 $projectBrgy = 295 echo "<a>No Project Details
    $this->model_projects->get_project_barangay($project->project_id).</a>";
248 $userBrgy = 296 }
    $this->session->userdata('barangay_code');
249 298 echo "<div align = center>";
250 if (($actualBudget == 0) || 299
    ($actualBudget == 0.00) || 300 if ($actionPlanExists == 0) {
    ($actualBudget == NULL)){ //Di pa 301 echo " | ";
    pwede mag-evaluate pag wala pang 302 echo "<a> No action plan
    budget plan 303 yet. </a><br><br>";
251 echo "<br>"; 304 echo "</div>";
252 } 305 }
253 else { 306 echo "<br>";
254 if ($actionPlanExists > 0) { 307 }
255 echo "<table>"; 308 }
256 echo "<tr><td><b><u>Action 309 }>
    Plan</u></b></td><td>
    </td> <td> </td></tr>";
257 echo "<tr>";
258 echo
    "<td><b>Action</b></td>";
259 echo "<td><b>Rate</b></td>";
260 echo
    "<td><b>Remark</b></td>";
261 echo "</tr>";
262 echo "<ol>";
263 foreach ($action_plan as
    $data){
264 echo "<tr><td><li>" .
    $data->action .
    "</li></td>";
265
    if (($data->rate) == 1){
266 echo "<td></td>";
267 }
    else if (($data->rate
    == 0)){
268 echo "<td></td>";
269 }
270 echo "<td>" .
    $data->remarks .
    "</td>";
271 echo "</tr>";
272 }
273 echo "</ol>";
274 echo "</table>";
275 }
276 else {
277 echo "<table>";
278 echo "<tr><td><b>No Action
    Plan yet</b></td></tr>";
279 echo "</table>";
280 }
281
282 if (($addressExists != 0) ||
    ($addressExists != NULL)){
283 echo "<table>";
284 echo "<tr><td>
    <b>Address:</b></td></tr>";
285 echo "<tr><td>" .
    $addressExists .
    "</td></tr>";
286 echo "</table>";
287 }
288
289 else {
290 echo "<div align = center>";
291
292
293
294
295
296
297
298
299
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301
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```

Listing 92: sanggunian/vView_Project.php

```

41         "size"=>60,
42         "value"=>$this->session->flashdata("tf_account")?></td>
43     </tr>
44 </tr>
45 <?php
46 }
47 }
48 else { ?>
49
50 <tr>
51 <td>Username or Email</td>
52 <td><?form_input(array("name"=>"tf_account", "size"=>60, "value"=>set_value("tf_account")))?></td>
53 <td><?form_error("tf_account")?></td>
54 </tr>
55 <?php
56 }
57 ?>
58
59 <tr>
60 <td>Password</td>
61 <td><?form_password(array("name"=>"tf_password", "size"=>60, "value"=>set_value("tf_password")))?></td>
62 <td>
63 <?php
64     if($this->session->flashdata("pw_error")){?>
65         //email exists, incorrect
66         //password returned error
67         echo
68             $this->session->flashdata("pw_error");
69         //returns controller error
70     }
71     else{
72         echo form_error("tf_password");
73     }
74     ?>
75 </td>
76 </tr>
77
78 <tr><td><?form_submit(array("name"=>"submit", "value"=>"Login"))?></td></tr>
79 </table>
80 <?form_close()?>
81 </center>
82
83 <div align="right">
84 <h1><font size=5>No account yet?
85 <a href="<?php echo
86     site_url('register')?>"><font
87     color="#f06060">Register.</a></font></td></tr>
88 <a href="<?php echo
89     site_url('reset_password')?>">Click
90     here </a> if you forgot your
91     password.<br>
92 </div>

```

Listing 93: vLogin.php

```

1 <?php
2
3 echo "<h3>You are not allowed to access this
4 page.</h3>";
5 echo "";
6 if ($this->session->userdata('type') ==
7     "Administrator"){
8     echo "<a href=" .
9         site_url('admin/dashboard') . "> <
10     Back to Dashboard </a><br>";
11 }
12 else if ($this->session->userdata('type') ==
13     "Barangay Officer"){
14     echo "<a href=" .

```

```

11     site_url('barangay_officer/dashboard')
12     </a><br>";
13 }
14 else if ($this->session->userdata('type') ==
15     "Citizen"){
16     echo "<a href=" .
17         site_url('citizen/dashboard') . "> <
18         Back to Dashboard </a><br>";
19 }
20 else if ($this->session->userdata('type') ==
21     "Sanggunian"){
22     echo "<a href=" .
23         site_url('sanggunian/dashboard') . ">
24         < Back to Dashboard </a><br>";
25 }
26 else {
27     echo "<a href=" . site_url('login') . ">
28         < Back to Login Page </a><br>";
29 }
30 }
31 }
32 }
33 }
34 }
35 }
36 }
37 }

```

Listing 94: vNo_Access.php

```

1 <!-- (14.6500, 120.9700 -->
2
3 <!DOCTYPE html>
4 <html>
5 <head>
6 <meta name="viewport"
7     content="initial-scale=1.0,
8     user-scalable=no">
9 <meta charset="utf-8">
10 <title>Geocode a Project</title>
11 <style>
12     html, body, #map-canvas {
13         width: 800px;
14         height: 400px;
15     }
16 </style>
17 <script
18     src="https://maps.googleapis.com/maps/api/js?v=3.exp&sensor=false">
19 </script>
20 var geocoder;
21 var map;
22
23
24 function initialize() {
25     geocoder = new google.maps.Geocoder();
26     var latlng = new
27         google.maps.LatLng(14.6500, 120.9700);
28     var mapOptions = {
29         zoom: 14,
30         center: latlng
31     }
32     map = new
33         google.maps.Map(document.getElementById('map-canvas'),
34         mapOptions);
35 }
36
37 function codeAddress() {
38     var address =
39         document.getElementById('address').value;
40     geocoder.geocode( { 'address': address +
41         ', Caloocan, Metro Manila'},
42         function(results, status) {
43             if (status == google.maps.GeocoderStatus.OK) {
44                 map.setCenter(results[0].location);
45                 var label = document.createElement('div');
46                 label.textContent = results[0].formatted_address;
47                 map.getDiv().appendChild(label);
48                 map.panTo(results[0].location);
49             }
50         });
51 }
52
53 </script>
54 </body>
55 </html>

```

```

38
39 function(results, status) {
40     if (status ==
41         google.maps.GeocoderStatus.OK) {
42         var latitude =
43             results[0].geometry.location.lat();
44         var longitude =
45             results[0].geometry.location.lng();
46         alert('Latitude: ' + latitude + '\n
47             Longitude: ' + longitude);
48         document.getElementById('latitude').value
49             = latitude;
50         document.getElementById('longitude').value
51             = longitude;
52
53         map.setCenter(results[0].geometry.location);
54         var marker = new google.maps.Marker({
55             map: map,
56             draggable: true,
57             position:
58                 results[0].geometry.location
59             });
60
61     } else {
62         alert('Geocode was not successful for
63             the following reason: ' + status);
64     }
65 }
66
67 google.maps.event.addListener(marker,
68     'dragend', function (event) {
69     document.getElementById("latitude").value
70     = event.latLng.lat();
71     document.getElementById("longitude").value
72     = event.latLng.lng();
73 });
74
75 google.maps.event.addDomListener(window,
76     'load', initialize);
77
78 </script>
79 </head>
80 <body>
81 <h3>Geocode a Project</h3>
82 Input the project's given address: <br>
83 <div id="panel">
84     <input id="address" type="textbox"
85         size="50px" value="Caloocan City">
86     <input type="button" value="Tag!"
87         onclick="codeAddress()" > <br>
88 </div>
89 Latitude: <input id="latitude"
90     type="textbox"> <br>
91 Longitude: <input id="longitude"
92     type="textbox">
93
94 <br>
95 <div id="map-canvas"></div>
96 </body>
97 </html>
98
99 <?php
100 echo "<br><br><br>";
101 if ($this->session->userdata('type') ==
102     'Administrator'){
103     echo "<a href=". site_url('admin/dashboard')
104         .">< Back to Dashboard</a>";
105 }
106 else if ($this->session->userdata('type') ==
107     'Sanggunian'){
108     echo "<a href=".
109         site_url('sanggunian/dashboard') ."><
110         Back to Dashboard</a>";
111 }
112 else if ($this->session->userdata('type') ==
113     'Citizen'){
114     echo "<a href=".
115         site_url('citizen/dashboard') .">< Back
116         to Dashboard</a>";
117 }
118 else if ($this->session->userdata('type') ==
119     'Barangay Officer'){
120     echo "<a href=".
121         site_url('barangay_officer/dashboard')
122         .">< Back to Dashboard</a>";
123 }
124 else if ($this->session->userdata('type') ==
125     'Citizen'){
126     echo "<a href=".
127         site_url('citizen/dashboard') .">< Back
128         to Dashboard</a>";
129 }
130 else if ($this->session->userdata('type') ==
131     'Sanggunian'){
132     echo "<a href=".
133         site_url('sanggunian/dashboard') ."><
134         Back to Dashboard</a>";
135 }
136 else{
137     echo "<a href=". site_url('login') .">< Back
138         to Login Page</a>";
139 }
140 ?>

```

Listing 95: vProjects.php

```

1 <br><br><br>
2
3 <?php
4 if ($this->session->userdata('type') ==
5     'Administrator'){
6     echo "<a href=". site_url('admin/proposals')
7         .">< Back to Proposals Page</a>";
8 }
9 else if ($this->session->userdata('type') ==
10     'Barangay Officer'){
11     echo "<a href=".
12         site_url('barangay_officer/proposals')
13         .">< Back to Proposals Page</a>";
14 }
15 else if ($this->session->userdata('type') ==
16     'Citizen'){
17     echo "<a href=".
18         site_url('citizen/proposals') .">< Back
19         to Proposals Page</a>";
20 }
21 else if ($this->session->userdata('type') ==
22     'Sanggunian'){
23     echo "<a href=".
24         site_url('sanggunian/proposals') ."><
25         Back to Proposals Page</a>";
26 }
27 else{
28     echo "<a href=". site_url('login') .">< Back
29         to Login Page</a>";
30 }
31 ?>
32 </html>

```

Listing 96: vProposals.php

```

33 <?php
34 echo "<br><br>";
35 if ($this->session->userdata('type') ==
36     'Administrator'){
37     echo "<a href=". site_url('admin/dashboard')
38         .">< Back to Dashboard</a>";
39 }
40 else if ($this->session->userdata('type') ==
41     'Administrator'){
42     <?=form_open(base_url()."index.php/register")?>
43 <head>
44     <meta charset="utf-8">
45     <link rel="stylesheet"
46         href="//code.jquery.com/ui/1.11.4/themes/smoothness/jquery-
47         ui.min.css">
48     <script
49         src="//code.jquery.com/jquery-1.10.2.js"></script>

```

```

6 <script
  src="//code.jquery.com/ui/1.11.4/jquery-ui.js"></script>
7 <link rel="stylesheet"
  href="/resources/demos/style.css">
8 <script>
9 $(function() {
10   $("#datepicker").datepicker({
11     changeMonth: true,
12     changeYear: true,
13
14   });
15
16   $("#datepicker").datepicker( "option",
17     "dateFormat", "yy-mm-dd" );
18 });
19 </script>
20 </head>
21
22 <body>
23 <h1>Request an account</h1>
24
25 <?php
26
27 ?>
28 To register to the system, please fill out
  the form.<br> Take note that those
  marked with a red asterisk are required
  fields:
29 <br><br>
30 <?php
31 $barangay_options = array(
32   '0' => 'Select barangay no.',
33   '1' => '1',
34   '2' => '2',
35   '3' => '3', '4' => '4', '5' => '5', '6' =>
36     '6', '7' => '7', '8' => '8', '9' =>
37     '9', '10' => '10', '11' => '11', '12'
38     => '12', '13' => '13', '14' => '14',
39     '15' => '15', '16' => '16', '17' =>
40     '17', '18' => '18', '19' => '19', '20'
41     => '20', '21' => '21', '22' => '22',
42     '23' => '23', '24' => '24', '25' =>
43     '25', '26' => '26', '27' => '27', '28'
44     => '28', '29' => '29', '30' => '30',
45     '31' => '31', '32' => '32', '33' =>
46     '33', '34' => '34', '35' => '35', '36'
47     => '36', '37' => '37', '38' => '38',
48     '39' => '39', '40' => '40', '41' =>
49     '41', '42' => '42', '43' => '43', '44'
50     => '44', '45' => '45', '46' => '46',
51     '47' => '47', '48' => '48', '49' =>
52     '49', '50' => '50', '51' => '51', '52'
53     => '52', '53' => '53', '54' => '54',
54     '55' => '55', '56' => '56', '57' =>
55     '57', '58' => '58', '59' => '59', '60'
56     => '60', '61' => '61', '62' => '62',
57     '63' => '63', '64' => '64', '65' =>
58     '65', '66' => '66', '67' => '67', '68'
59     => '68', '69' => '69', '70' => '70',
60     '71' => '71', '72' => '72', '73' =>
61     '73', '74' => '74', '75' => '75', '76'
62     => '76', '77' => '77', '78' => '78',
63     '79' => '79', '80' => '80', '81' =>
64     '81', '82' => '82', '83' => '83', '84'
65     => '84', '85' => '85', '86' => '86',
66     '87' => '87', '88' => '88', '89' =>
67     '89', '90' => '90', '91' => '91', '92'
68     => '92', '93' => '93', '94' => '94',
69     '95' => '95', '96' => '96', '97' =>
70     '97', '98' => '98', '99' => '99', '100'
71     => '100', '101' => '101', '102' =>
72     '102', '103' => '103', '104' => '104',
73     '105' => '105', '106' => '106', '107'
74     => '107', '108' => '108', '109' =>
75     '109', '110' => '110', '111' => '111',
76     '112' => '112', '113' => '113', '114'
77     => '114', '115' => '115', '116' =>
78     '116', '117' => '117', '118' => '118',
79     '119' => '119', '120' => '120', '121'
80     => '121', '122' => '122', '123' =>
81     '123', '124' => '124', '125' => '125',
82     '126' => '126', '127' => '127', '128'
83     => '128', '129' => '129', '130' =>
84     '130', '131' => '131', '132' => '132',
85     '133' => '133', '134' => '134', '135'
86     => '135', '136' => '136', '137' =>
87     '137', '138' => '138', '139' => '139',
88     '140' => '140', '141' => '141', '142'
89     => '142', '143' => '143', '144' =>
90     '144', '145' => '145', '146' => '146',
91     '147' => '147', '148' => '148', '149'
92     => '149', '150' => '150', '151' =>
93     '151', '152' => '152', '153' => '153',
94     '154' => '154', '155' => '155', '156'
95     => '156', '157' => '157', '158' =>
96     '158', '159' => '159', '160' => '160',
97     '161' => '161', '162' => '162', '163'
98     => '163', '164' => '164', '165' =>
99     '165', '166' => '166', '167' => '167',
100    '168' => '168', '169' => '169', '170'
101    => '170', '171' => '171', '172' =>
102    '172', '173' => '173', '174' => '174',
103    '175' => '175', '176' => '176', '177'
104    => '177', '178' => '178', '179' =>
105    '179', '180' => '180', '181' => '181',
106    '182' => '182', '183' => '183', '184'
107    => '184', '185' => '185', '186' =>
108    '186', '187' => '187', '188' => '188',
109    );
110
111 $sex_options = array(
112   '0' => 'Select',
113   'male' => 'Male',
114   'female' => 'Female',
115 );
116 ?>
117 <table>
118   <tr><td>Username<font color="ff0000"> *
119     </td>
120     <td><?=form_input(array("name"=>"username","value"=>set
121     <td><?=form_error("username")?></td>
122   </tr>
123
124   <tr><td>First Name<font color="ff0000">
125     * </td>
126     <td><?=form_input(array("name"=>"first_name","size"=>50
127     <td><?=form_error("first_name")?></td>
128   </tr>
129
130   <tr><td>Middle Name </td>
131     <td><?=form_input(array("name"=>"middle_name","value"=>
132     <td><?=form_error("middle_name")?></td>
133   </tr>
134
135   <tr><td>Last Name<font color="ff0000">
136     * </td>
137     <td><?=form_input(array("name"=>"last_name","value"=>set
138     <td><?=form_error("last_name")?></td>
139   </tr>
140
141   <tr><td>Password <font color="ff0000">
142     * </td>
143     <td><?=form_password(array("name"=>"password"))?></td>
144     <td><?=form_error("password")?></td>
145   </tr>

```



```

21 $exec = $this->db->query($sql);
22
23 if ($exec->num_rows() > 0){
24     foreach($exec->result() as
25         $data){
26         echo $data->first_name. " ";
27     }
28 }
29 $sql = "SELECT last_name FROM user
30 INNER JOIN project ON
31 user.user_id = project.user_id
32 WHERE project.project_id =
33 $project->project_id";
34 $exec = $this->db->query($sql);
35
36 if ($exec->num_rows() > 0){
37     foreach($exec->result() as
38         $data){
39         echo $data->last_name. "
40             (<b>";
41     }
42 }
43 $sql = "SELECT username FROM user
44 INNER JOIN project ON
45 user.user_id = project.user_id
46 WHERE project.project_id =
47 $project->project_id";
48 $exec = $this->db->query($sql);
49
50 if ($exec->num_rows() > 0){
51     foreach($exec->result() as
52         $data){
53         echo $data->username. "</b>";
54     }
55 }
56
57 echo "<b>Final approval by (based on
58 votes): </b>";
59
60 $sql = "SELECT first_name FROM user
61 INNER JOIN project ON
62 user.username =
63 project.approver WHERE
64 project.project_id =
65 $project->project_id";
66 $exec = $this->db->query($sql);
67
68 if ($exec->num_rows() > 0){
69     foreach($exec->result() as
70         $data){
71         echo $data->first_name. " ";
72     }
73 }
74
75 $sql = "SELECT last_name FROM user
76 INNER JOIN project ON
77 user.username =
78 project.approver WHERE
79 project.project_id =
80 $project->project_id";
81 $exec = $this->db->query($sql);
82
83 if ($exec->num_rows() > 0){
84     foreach($exec->result() as
85         $data){
86         echo $data->last_name. " ";
87     }
88 }
89
90 echo "(" . $project->approver . ")
91
92 <br>";
93 echo "<b>Proposed Budget: </b>" .
94     anchor_popup('/proposals/view_budget_proposal/'. $project->project_id .
95     "Php " .
96     number_format($project->budget,2)
97     . "<br>" , $popup_attributes);
98
99 if (($project->actual_budget == NULL)
100 || ($project->actual_budget == 0)
101 || ($project->actual_budget ==
102 0.00)){
103     echo "<b>Actual Budget: </b>";
104     <i>No budget plan yet. </i>";
105     if
106         (($this->session->userdata('type')
107         == "Sanggunian") &&
108         ($project->barangay_code
109         ==
110         ($this->session->userdata('barangay_code'))))
111     {
112         echo "<a href=" .
113             site_url('sanggunian/projects/create_budget_plan/' .
114             $project->project_id) .
115             ">Create Budget Plan
116             </a><br>";
117     }
118     else {
119         echo "<br>";
120     }
121 }
122 else {
123     echo "<b>Actual Budget: </b>" .
124     anchor_popup('/projects/view_budget_plan/'. $project->project_id .
125     "Php " .
126     number_format($project->actual_budget,2)
127     , $popup_attributes);
128     echo "<br>";
129 }
130
131 echo "<b>Date approved: </b>".
132     $project->date_approved . "<br>";
133 echo "<br>";
134 echo "<b>Problem Statement: </b>" .
135     $project->description . "<br>";
136 echo "<b>Objective: </b>" .
137     $project->objective . "<br>";
138 echo "<b>How it Benefits the Community
139 </b>" . $project->benefit . "<br>";
140 echo "<br>";
141 echo "<div align=right><a
142 href='".base_url(). "projects/view_project/" . $project->project_id .
143 More Information on this
144 Project</a></div>";
145 echo "<br>";
146 }
147 }
148 ?>
149 <br>
150 <br>
151 <br>
152 <?php
153 if ($this->session->userdata('type') ==
154 'Administrator'){
155 echo "<a href=" . site_url('admin/projects')
156 . ">< Back to Projects Page</a>";
157 }
158 else if ($this->session->userdata('type') ==
159 'Barangay Officer'){
160 echo "<a href=" .
161     site_url('barangay_officer/projects')
162     . ">< Back to Projects Page</a>";
163 }

```

```

107 }
108 else if ($this->session->userdata('type') ==
109 'Citizen'){
110 echo "<a href=".
111 site_url('citizen/projects') .">< Back
112 to Projects Page</a>";
113 }
114 else if ($this->session->userdata('type') ==
115 'Sanggunian'){
116 echo "<a href=".
117 site_url('sanggunian/projects') ."><
118 Back to Projects Page</a>";
119 }
120 }
121 else{
122 echo "<a href=". site_url('login') .">< Back
123 to Login Page</a>";
124 }
125 }
126 }
127 }
128 }
129 }
130 }
131 }
132 }
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134 }
135 }
136 }
137 }
138 }
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```

Listing 99: vView_Barangay_Projects.php

```

1 <html>
2 <head>
3 <?php echo $map['js']; ?>
4 </head>
5
6 <?php
7 echo $map['html'];
8 ?>

```

Listing 100: vView_Project_Map.php

```

1
2
3 <?php
4
5 $attributes = array(
6     'width' => '300',
7     'height' => '500',
8     'scrollbars' => 'yes',
9     'resizable' => 'yes'
10 );
11
12
13
14 $popup_attributes = array(
15     'width' => '600',
16     'height' => '600',
17     'scrollbars' => 'yes',
18     'resizable' => 'yes'
19 );
20
21
22 if ($this->session->userdata('username')
23     != NULL){
24     $userID =
25         $this->session->userdata('user_id');
26     $this->load->model('model_proposals');
27     $this->load->model('model_barangays');
28     $userBrgy =
29         $this->session->userdata('barangay_code');
30     $startDate =
31         $this->model_barangays->get_voting_period_start($userBrgy);
32     $endDate =
33         $this->model_barangays->get_voting_period_end($userBrgy);
34     $myVotes =
35         $this->model_proposals->get_user_votes($userID);

```

```

31
32
33     $start_date = $startDate;
34     $end_date = $endDate;
35 }
36
37 date_default_timezone_set('Asia/Manila');
38 $currDate = date("Y-m-d");
39
40
41 if (((($this->session->userdata('type')) ==
42     "Citizen") && ($barangay_code ==
43     $userBrgy)){
44     if ( ($start_date != NULL) && ($end_date
45         !=NULL) && ($currDate >= $start_date)
46         && ($end_date >= $currDate)){
47
48         if(!empty($proposals)){
49
50             echo "<h2>Approved Project
51                 Proposals for Barangay " .
52                 $barangay_code . " </h2>";
53             if ( count($proposals) == 1){
54                 echo "As of the month,
55                     there is one proposal
56                     approved in this
57                     barangay. <br>";
58             }
59             else {
60                 echo "There are ".
61                     count($proposals) .
62                     " proposals approved in
63                     this barangay
64                     all-in-all. <br>";
65                 echo "For this year ("
66                     .date("Y") ."), there
67                     are ". $proposals_count
68                     . " proposals.<br>";
69             }
70             echo "Click VOTE if you want to
71                 vote for this proposal.
72                 You may also UNVOTE a
73                 proposal. <br><br>";
74             echo "<b><u>Reminder :</b></u>
75                 ";
76             echo "Each citizen gets <b>two
77                 votes</b> only. <br>";
78
79             if ($myVotes == 0){
80                 echo "You have not voted for
81                     any project yet. You
82                     may vote for two. <br>";
83             }
84             else if ($myVotes == 1) {
85                 echo "You have voted for one
86                     project. You may still
87                     vote for one more.
88                     <br>";
89             }
90             else if ($myVotes == 2){
91                 echo "You have voted for " .
92                     $myVotes . " projects
93                     already. Unvote a
94                     project if you change
95                     your mind.<br>";
96             }
97             echo "<br>";
98             foreach($proposals as
99                 $proposal){
100

```

```

72     echo "<h1>" .
        $proposal->proposal_name
        . "</h1>";
73     echo "<font
        color=666><b>Project
        idea by: </b>";          94
74
75     $sql = "SELECT          95
        first_name          96
        FROM user
        INNER JOIN
        proposal            97
        ON
        user.user_id
        =                  98
        proposal.user_id
        WHERE
        proposal.proposal_id
        =                  99
        $proposal->proposal_id";
76     $exec =                101
        $this->db->query($sql);
77
78     if
79     ($exec->num_rows()
80     > 0){
81         foreach($exec->result()
82         as
83         $data){
84             echo
85             $data->first_name.
86             "
87             ";
88         }
89
90     $sql = "SELECT
91     last_name
92     FROM user            105
93     INNER JOIN
94     proposal            106
95     ON
96     user.user_id
97     =                  108
98     proposal.user_id
99     WHERE              109
100     proposal.proposal_id
101     =
102     $proposal->proposal_id";
103     $exec =                111
104     $this->db->query($sql);
105
106     if
107     ($exec->num_rows()
108     > 0){
109         foreach($exec->result()
110         as
111         $data){
112             echo
113             $data->last_name.
114             "
115             (<b>";
116         }
117
118     $sql = "SELECT          114
        username
        FROM user          115
        INNER JOIN        116
        proposal
        ON                117
        user.user_id
        =                  118
        proposal.user_id
        WHERE
        proposal.proposal_id
        =
        $proposal->proposal_id
        WHERE
        proposal.proposal_id
        =
        $proposal->proposal_id";
        $exec =
        $this->db->query($sql);
        if
        ($exec->num_rows()
        > 0){
            foreach($exec->result()
            as $data){
                echo
                $data->username.
                "</b>";
            }
        }
        echo "</font><br>";
        echo "<b>Approved by:
        </b> ";
        $sql = "SELECT
        first_name FROM
        user INNER JOIN
        proposal ON
        proposal.approver
        = user.username
        WHERE
        proposal.approver
        =
        '$proposal->approver'
        AND
        proposal.proposal_id
        =
        $proposal->proposal_id";
        $exec =
        $this->db->query($sql);
        if ($exec->num_rows() >
        0){
            foreach($exec->result()
            as $data){
                echo
                $data->first_name.
                " ";
            }
        }
        $sql = "SELECT
        last_name FROM
        user INNER JOIN
        proposal ON
        proposal.approver
        = user.username
        WHERE
        proposal.approver
        =
        '$proposal->approver'
        AND
        proposal.proposal_id
        =
        $proposal->proposal_id";
        $exec =
        $this->db->query($sql);
        if ($exec->num_rows() >
        0){
            foreach($exec->result()
            as $data){
                echo

```



```

176         echo "approved.<br>";
177         }
178         color=f06060<i>*Previous</i> use {
179         Year 214 echo "You may vote for these
180         Proposal during the voting
181         - period in your
182         ". barangay. <br>";
183         $proposalYear }
184         ." 216 echo "<hr>";
185         </font></i><br>"; 218
186     } 219
187     } 220
188     } 221
189     echo "<br>";
190     echo "<a href=" . 221
191     site_url('citizen/proposals/view_proposal/'
192     . $proposal->proposal_id)
193     . "><div
194     align=right><b>Click 222
195     here for more 223
196     information</b></a></div><br>";
197     echo "<hr>";
198     }
199     }
200     else {
201     echo "<h2>There are no approved
202     project proposals in
203     barangay " . $barangay_code 224
204     . " yet. </h2>";
205     echo "Please check next time."; 225
206     } 226
207     }
208     else { //citizen and belongs to barangay
209     but not voting period 227
210     if(!empty($proposals)){ 228
211     echo "<h2>Approved Project
212     Proposals for Barangay " .
213     $barangay_code . " </h2>"; 229
214     if ( count($proposals) == 1){ 230
215     echo "As of the moment, 231
216     there is one proposal 232
217     approved in this
218     barangay. <br>";
219     }
220     else {
221     echo "There are " .
222     count($proposals) . "
223     proposals approved in
224     this barangay
225     all-in-all. <br>";
226     echo "For this year ("
227     .date("Y") ."), there
228     are " . $proposals_count
229     . " proposals.<br>"; 233
230     }
231     if (($end_date != NULL) &&
232     ($currDate > $end_date)){ 234
233     echo "Since the voting 235
234     period is already over, 236
235     you may wait for your
236     barangay officer's
237     announcement of the top 237
238     proposals
239     }
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994     }
995     }
996     }
997     }
998     }
999     }
1000    }

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238         }
239     }
240
241     $sql = "SELECT
                username
                FROM user
                INNER JOIN
                proposal
                ON
                user.user_id
                =
                proposal.user_id
                WHERE
                proposal.proposal_id
                =
                $proposal->proposal_id";
242     $exec =
243         $this->db->query($sql);
244
245     if
246     (
247         ($exec->num_rows()
248         > 0){
249         foreach($exec->result()
250         as
251         $data){
252             echo
253             $data->username.
254             "</b>";
255         }
256     }
257
258     echo "</font><br>";
259     echo "<b>Approved by:
260     </b> ";
261     $sql = "SELECT first_name
                FROM user INNER JOIN
                proposal ON
                proposal.approver =
                user.username WHERE
                proposal.approver =
                '$proposal->approver'
                AND
                proposal.proposal_id
                =
                $proposal->proposal_id";
262     $exec =
263         $this->db->query($sql);
264
265     if ($exec->num_rows() >
266     0){
267     foreach($exec->result()
268     as $data){
269         echo
270         $data->first_name.
271         " ";
272     }
273 }
274
275 $sql = "SELECT
                last_name FROM
                user INNER JOIN
                proposal ON
                proposal.approver
                = user.username
                WHERE
                proposal.approver
                =
                '$proposal->approver'
                AND
                proposal.proposal_id
                =
                $proposal->proposal_id";
276     $exec =
277         $this->db->query($sql);
278
279     if ($exec->num_rows() >
280     0){
281     foreach($exec->result()
282     as $data){
283         echo
284         $data->last_name.
285         " ";
286     }
287 }
288
289 $currYear = date("Y");
290 $proposalDate = new
                DateTime($proposal->date_time);
291 $proposalYear =
                $proposalDate->format('Y');
292
293 echo "<b>Problem
                Statement :</b> ".
                $proposal->description
                . "<br>";
294
295 echo "<b>Objective :
                </b> ".
                $proposal->objective
                . "<br>";
296
297 echo "<b>How it benefits
                the community: </b>"
                . $proposal->benefit.
                "<br>";
298
299 if ($currYear !=
                $proposalYear){
300     echo "<br><font
                color=f06060><i>*Previous
                Year Proposal -
                ".
                $proposalYear
                . "
                </font></i><br>";
301 }
302
303 echo "<br>";
304 echo "<a href="
                site_url('citizen/proposals/view_proposal_'
                . $proposal->proposal_id)
                . "><div

```

```

333         align=right><b>Click
334         here for more
335         information</b></a></div><br>";
296
297         echo "<hr>";
298
299     }
300 }
301
302 else {
303     echo "<h2>There are no approved
304     project proposals in
305     barangay " . $barangay_code
306     . " yet. </h2>";
307     echo "Please check next time.";
308 }
309 }
310 } //if citizen
311
312 else {
313     if(!empty($proposals)){
314         echo "<h2>Approved Project
315         Proposals for Barangay " .
316         $barangay_code . " </h2>";
317         if ( count($proposals) == 1){
318             echo "As of the moment,
319             there is one proposal
320             approved in this
321             barangay. <br>";
322         }
323         else {
324             echo "There are ".
325             count($proposals) . "
326             proposals approved in
327             this barangay
328             all-in-all. <br>";
329             echo "For this year ("
330             .date("Y") ."), there
331             are ". $proposals_count
332             . " proposals.<br>";
333         }
334
335         echo "<hr>";
336
337         foreach($proposals as
338             $proposal){
339
340             echo "<h1>" .
341             $proposal->proposal_name
342             . "</h1>";
343             echo "<font
344             color=666><b>Project
345             idea by:</b> ";
346
347             $sql = "SELECT
348             first_name
349             FROM user
350             INNER JOIN
351             proposal
352             ON
353             user.user_id
354             =
355             proposal.user_id
356             WHERE
357             proposal.proposal_id
358             =
359             $proposal->proposal_id";
360             $exec =
361             $this->db->query($sql);
362
363             if
364             ($exec->num_rows()
365             > 0){
366                 foreach($exec->result()
367                 as
368                 $data){
369                     echo
370                     $data->first_name.
371                     "
372                     ";
373                 }
374             }
375
376             $sql = "SELECT
377             last_name
378             FROM user
379             INNER JOIN
380             proposal
381             ON
382             user.user_id
383             =
384             proposal.user_id
385             WHERE
386             proposal.proposal_id
387             =
388             $proposal->proposal_id";
389             $exec =
390             $this->db->query($sql);
391
392             if
393             ($exec->num_rows()
394             > 0){
395                 foreach($exec->result()
396                 as
397                 $data){
398                     echo
399                     $data->last_name.
400                     "
401                     (<b>";
402                 }
403             }
404
405             $sql = "SELECT
406             username
407             FROM user
408             INNER JOIN
409             proposal
410             ON
411             user.user_id
412             =
413             proposal.user_id
414             WHERE
415             proposal.proposal_id
416             =
417             $proposal->proposal_id";
418             $exec =
419             $this->db->query($sql);
420
421             if
422             ($exec->num_rows()
423             > 0){
424                 foreach($exec->result()
425                 as
426                 $data){
427                     echo
428                     $data->username.
429                     "</b>)"
430                     ";
431                 }
432             }
433
434             echo "</font><br>";
435             echo "<b>Approved by:

```

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359         </b> ";
360 $sql = "SELECT first_name
361 FROM user INNER JOIN
362 proposal ON
363 proposal.approver =
364 user.username WHERE
365 proposal.approver =
366 '$proposal->approver'
367 AND
368 proposal.proposal_id
369 =
370 $proposal->proposal_id";
371 $exec =
372 $this->db->query($sql);
373
374 if ($exec->num_rows() >
375 0){
376     foreach($exec->result()
377     as $data){
378         echo
379             $data->first_name.
380             " ";
381     }
382 }
383
384 $sql = "SELECT
385 last_name FROM
386 user INNER JOIN
387 proposal ON
388 proposal.approver
389 = user.username
390 WHERE
391 proposal.approver
392 =
393 '$proposal->approver'
394 AND
395 proposal.proposal_id
396 =
397 $proposal->proposal_id";
398 $exec =
399 $this->db->query($sql);
400
401 if ($exec->num_rows() >
402 0){
403     foreach($exec->result()
404     as $data){
405         echo
406             $data->last_name
407             " ";
408     }
409 }
410
411 echo "(" .
412     $proposal->approver .
413     ") <br>";
414
415 echo "<b>Category :
416 </b>".
417     $proposal->proposal_category
418     . "<br>";
419
420 echo "<b>Budget : </b>";
421 if ($proposal->budget
422 == 0) {
423     echo "None yet
424 <br>";
425 }
426 else{
427     echo "<td>" .
428         anchor_popup('proposals/view_budget_proposal/' . $proposal->proposal_id,
429         "Php " .
430         number_format($proposal->budget,2)
431         . "<br>" ,
432         $popup_attributes);
433 }
434
435 <b>Problem
436 Statement :</b> " .
437     $proposal->description
438     . "<br>";
439
440 <b>Objective :
441 </b>" .
442     $proposal->objective
443     . "<br>";
444 <b>How it benefits
445 the community: </b>"
446 . $proposal->benefit.
447 "<br>";
448
449 if
450 ((($this->session->userdata('type')
451 == "Barangay
452 Officer") ||
453 ($this->session->userdata('type')
454 == "Administrator")
455 ||
456 ($this->session->userdata('type')
457 == "Sanggunian"))){
458     <font
459     color=4e97cc><b>Total
460     Votes = " .
461     $proposal->proposal_votes
462     . " </a></b></font>";
463     if
464     ($proposal->proposal_votes
465     > 0){
466         echo " &nbsp; | " .
467             anchor_popup('proposals/view_voters/'
468             'View Voters',
469             $attributes);
470     }
471 }
472
473 $currYear = date("Y");
474 $proposalDate = new
475     DateTime($proposal->date_time);
476 $proposalYear =
477     $proposalDate->format('Y');
478
479 if ($currYear !=
480 $proposalYear){
481     <br><font
482     color=f06060><i>*Previous
483     Year Proposal -
484     " .
485     $proposalYear
486     .
487     </font></i><br>";
488 }
489
490 <br>";
491
492 if
493 ($this->session->userdata('type')
494 == "Barangay
495 Officer"){
496     <a href=" .
497         site_url('barangay_officer/proposals/
498         .' . $proposal->proposal_id)
499         . "><div
500         align=right><b>Click
501         here for more
502         </div><br>";
503 }
504 else if
505 ($this->session->userdata('type')
506 == "Sanggunian"){
507     <a href=" .

```

```

413         site_url('sanggunian/proposals/view_proposal/'
414             . $proposal->proposal_id) . "><div
415             align=right><b>Click
416             here for more
417             information</b></a></div><br>";
418     }
419     else if
420         ($this->session->userdata('type')
421         == "Administrator"){
422         echo "<a href=" .
423             site_url('administrator/proposals/view_proposal/'
424             . $proposal->proposal_id)
425             . "><div
426             align=right><b>Click
427             here for more
428             information</b></a></div><br>";
429     }
430     else if
431         ($this->session->userdata('type')
432         == "Citizen"){
433         echo "<a href=" .
434             site_url('citizen/proposals/view_proposal/'
435             . $proposal->proposal_id)
436             . "><div
437             align=right><b>Click
438             here for more
439             information</b></a></div><br>";
440     }
441     }
442     }
443     else {
444         echo "<h2>There are no approved
445         project proposals in
446         barangay " . $barangay_code
447         . " yet. </h2>";
448         echo "Please check next time.";
449     }
450 }
451
452 <?>
453
454 <br>
455 <br>
456 <br>
457
458 <?php
459 if ($this->session->userdata('type') ==
460     'Administrator'){
461     echo "<a href=" . site_url('admin/proposals')
462         . ">< Back to Proposals Page</a>";
463 }
464 else if ($this->session->userdata('type') ==
465     'Barangay Officer'){
466     echo "<a href=" .
467         site_url('barangay_officer/proposals')
468         . ">< Back to Proposals Page</a>";
469 }
470 else if ($this->session->userdata('type') ==
471     'Citizen'){
472     echo "<a href=" .
473         site_url('citizen/proposals') . ">< Back
474         to Proposals Page</a>";
475 }
476 else if ($this->session->userdata('type') ==

```

Listing 101:
vViewProposalsBarangay.php

XII. Acknowledgement

Typing this section feels surreal since I never thought that I would reach this point. It was a difficult path through a long and winding road. But finally, here I am. Let me take this opportunity to thank the people who made my journey not only bearable, but definitely worth it.

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F i n a l l y!