



Final Project

Course	CSC 470 – Applied Software Project
Project Name	RCCG Website
Team Members	Iyanu Lamina

Executive Summary

Your executive summary should resemble an elevator pitch: your motivation is to quickly persuade a decision maker to get involved in your project.

- **What is the purpose of your project; what problem(s) does it address?**
- **Why is your project important; why is it relevant?**
- **Who could your project help; who is your audience or customer?**

About this website

This project involves the development of a website for clients, providing users with the ability to access information about the organization. The website will feature sections such as the About page (highlighting services), mission and vision, events, anthem, contact details, beliefs, photos, location, prayer line, and more.

Specifically, the website will include:

- **About Page:** Detailing the organization's services.
- **Mission and Vision:** Outlining the purpose and goals.
- **Contact Information:** Including contact details, location, and a dedicated prayer line.
- **Services:** Information about days and times of operation (to be included in the footer).
- **Photos:** Visual representation of events and activities.
- **Anthem:** Featuring the organization's anthem.
- **Admin Panel:** Providing administrators with the ability to create accounts and manage updates, edits, and deletions.

The footer will contain essential information such as contact details, location, prayer line, and services schedule. The admin panel will facilitate account creation and enable seamless updating, editing, and deletion of content."

Purpose of the website

It is a means of informing the community about the activities of the church and facilitating outreach efforts to invite people to attend services. The primary purpose of the website is to serve as a platform where members of the organization and other potential users can access information about the church. Additionally, it will offer updates from the organization to keep potential users informed. Moreover, the website is designed to provide new users with the necessary information and guidance on how to locate the church when needed.

Problem it addresses

We are aware that some individuals are unable to attend church physically, and we aim to share the word of God with them primarily through our online services, hosted on social media platforms such as Facebook. Our website serves as a portal to connect people with the church and provide regular updates. It offers valuable information for both the congregation and the public. Additionally, the website facilitates online donations. What sets it apart from other church websites is our plan to track attendance for each member. This allows us to foster a sense of community, enabling everyone to recognize each other and providing an avenue to reach out to those who couldn't attend church on a particular Sunday."

Why is the project important; Why is it relevant:

It facilitates keeping church members informed and up-to-date. By sharing information with the public, it contributes to the growth of our membership. Additionally, funds generated from/through the website will be used to support various church initiatives. It serves as a platform to communicate our vision to the public.

Who could your project help; who is your audience, stakeholder, or customer:

Our stakeholders include the congregation and potential members, as well as believers in Christ who are seeking a church but have not yet found one, and the general public. This project aims to benefit these groups of people.

Timeline

Milestone	Name	Due Date
Milestone 1	Planning and Proposal	Tuesday, February 6
Milestone 2	Design and Pitch	Thursday, February 29
Milestone 3	Major Implementation	Tuesday, April 9
Milestone 4	Final Presentation	Thursday, May 2

Milestone Summary

Milestone 1				
Planning and Proposal				
Item	Description	Estimated Hours	Actual Hours	Date Completed
Purpose	Determine your final project and present a high-level overview to the class			
Summary	Come up with a concept for your final project, determine stakeholders, create high-level UML diagrams for system architecture, requirements, and database structure (table names and relations, column names optional at this point).	6.42	9.633	1/28/24
Planning Document/ Project Plan	planning documentation is clean and well-written; includes a cover page, logical layout, and flow of information. Include project executive summary and milestone summary (include actual and estimated time with dates).	0.50	0.50	1/28/24
Project Stakeholders	Determine who the stakeholders are.	0.17	0.083	1/28/24
Requirements	Write detailed system requirements and architecture, functional and non-functional requirements.	0.75	0.5	1/28/24
System Architecture	Skeleton architecture designed (primary page/screens w/relations/transition arrows) and included in the planning document	1.0	5	1/30/24
User Stories/Use-Case Scenarios	High-level user stories and Use-case scenarios written in planning documents.	1.5	1.5	1/28/24
Data Structures	Database structure outlined in planning document; tables defined, relational diagrams	1.5	1.0	1/28/24
Project Timeline	Custom project timeline w/milestones deadlines and deliverables included in the planning document	1.0	1.25	1/28/24
Milestone 2				
Design and Pitch				
Item	Description	Estimated Hours	Actual Hours	Date Completed
Purpose	Create a general look-and-feel for your project, determine requirements details, present your project to the class	7.85	10.963	2/19
Summary	Determine how you want your final project deliverables to look, including color scheme,	7.85	10.963	2/19

	graphics/images, and placement and layout of major components (e.g. buttons, input fields, data, instructions, etc.). Detail the requirements (user stories, scenarios, etc.) and database structure.			
Color scheme and images	Decide on the color scheme and Choose images	0.167	0.083	2/18
Database Structure	Determine column names and column data types for the project's database tables. Remember to use descriptive column names.	0.5	0.25	2/18
Screen/Page Mockups. Decide on the major screens/component	Create a mockup (static design file; e.g. Photoshop, GIMP, PowerPoint, etc.) or wireframe (actual design components laid out using the appropriate tools for the language; e.g. HTML form elements, Java JFrames, etc.) for each screen/page required for a given scenario.	5	7	2/19
UML Diagrams and Stories/Scenarios	Detailed User stories with multiple Use-case scenarios. Create UML diagrams for each scenario and group all the associated scenarios for a given story together to show the overall picture of the user story.	2.0	2.5	2/18
Demo-Click Through	Step through the screen mockups/wireframes to show most (or all) of the user scenarios to provide a solid understanding of the project's core functionality	0.05	0.25	2/27
Presentation	Present to the entire class	0.133	0.133	2/27
Milestone 3	Major Implementation			
Item	Description	Estimated Hours	Actual Hours	Date Completed
Purpose	Implement as much of your project's major functionality as you can, present your project to the class	27.2	18.4	4/9/2024
Summary	At this stage of development, you should have your project's major functionality implemented and usable, including database interactions.	27.2	18.4	4/9/2024
HTML, CSS, PHP & JavaScript pages	Utilize HTML, CSS, PHP, and JavaScript to create all screen pages (layout, structure, client & serve side validation). They are easy to use, interface controls are clearly defined in logical and/or expected places, and create a natural process flow from one part of the system to another.	15 +	10	4/5/2024

Database	The System needs to interact with the database in a way that feels seamless to users. (Connect to the database, execute a query (return any results), disconnect from the database)	6+	3	In Progress
Admin Area	Create an admin section allowing users to maintain various aspects of the system (e.g. change photos and text content, manage user accounts, general database CRUD operations, etc.).	6+	5	4/5/2024 (Almost done!)
Testing And Debugging	Monitor & Evaluate Progress.	-	-	Always
Demo-Click Through	Show major screens or pages, demonstrate database CRUD operations & show the admin area.	0.05	0.25	04/09
Presentation	Present to the entire class	0.133	0.133	04/09
Milestone 4	Final Presentation			
Item	Description	Estimated Hours	Actual Hours	Date Completed
Purpose	Show your completed project to the class			
Summary	Share your hard work over the course of the semester with the class.			
Domain name	Register for a domain name			
Cont'd Database	The System needs to interact with the database in a way that feels seamless to users. (Connect to the database, execute a query (return any results), disconnect from the database)			
Testing And Debugging	Monitor & Evaluate Progress.			
Presentation	Present to the entire class	0.133	0.133	05/02

Resource List

Resource Name	Damian Lampl
URL	
Date Accessed	
Notes	
Resource Name	W3School

URL	W3Schools Online Web Tutorials
Date Accessed	
Notes	
Resource Name	Draw.io Software tool
URL	Untitled Diagram - draw.io (diagrams.net)
Date Accessed	
Notes	For making designs like system architecture, wireframes
Resource Name	Moqups Software tool
URL	
Date Accessed	Admin Dashboard Wireframe Template Moqups
Notes	
Resource Name	
URL	
Date Accessed	
Notes	