

Project Plan

Expense Tracker Web Application

Version 2.0

Primary Instructor	Anjana Shah
Project Team	T05
Team Member	Allan John Valiente
Team Member	Farah Sheherin
Team Member	Hyunsoo Cho
Team Member	Yoonho Hwang

Revision #	Date
1.0	Oct-08-2021
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1. Executive Summary

The following describes the project to be executed.

Objective	Create a new web application, focusing on three customer stories and use cases. Develop and use a customer database. Improve the site's user experience. Build the website that will be thoroughly tested against the criteria and is deployed to production by the planned end date.
Corporate Goals Addressed	Improve technical and analytical skills. Differentiate the product. Is easy to use. Reliable products / services. Attract new customers. Increase customer satisfaction.
Planned Start Date	September 20, 2021
Planned End Date	April 1, 2022

2. Project Approvers, Reviews and Distribution List

Approvers, reviewers and distribution list

Project Role	Name	E-mail	Date
Project Manager, Software Architect (Backend), Backend Developer	Farah Sheherin	Farah.Sheherin@georgebrown.ca	Feb-06-2022
Software Architect (Frontend), Frontend Developer	Allan John Valiente	Allanjohn.Valiente@georgebrown.ca	Feb-06-2022
Frontend Developer, QA Developer	Hyunsoo Cho	Hyunsoo.Cho@georgebrown.ca	Feb-06-2022
Backend Developer, QA Developer	Yoonho Hwang	Yoonho.Hwang@georgebrown.ca	Feb-06-2022

3. Scope

Define the sum total of all of its products and their requirements or features.

In Scope	Out of Scope
Site design and wireframe diagramming	Connection to bank accounts
Establishment of a test bed	Application for mobile device
Coding to the approved wireframe	
Testing and debugging prior to making the site public	
A web application for all the web browsers	

4. Deliverables

This project will deliver the following.

Deliverable	Description
Feature specification	Lays out functional and non-functional requirements and includes a set of use cases that describe user interactions that the app must provide.
Web design documentation	Covers all aspects of website design.
Website links and contents	Links for accessing the website and the contents of the web pages.
Backend development	Refers to the server-side of a website that is responsible for storing and organizing data and ensuring that everything on the client's side is working.
Web application	This application will allow users to manage personal finance over the Internet by utilizing web browsers and technology.

5. Assumptions

This project makes the following assumptions;

1. All the team members can complete their respective tasks within the schedule planned efficiently.
2. The expected project's timeline can be met, and the project will complete within the expected time.
3. The scope and specifications of the project will not undergo changes when the project takes place. However, when conducting the project, there might be cases where the scope and specifications need to be altered to cater to the requirements and needs of the project.

6. Dependencies

The following are the internal and external dependencies that will have to be acknowledged and addressed;

1. Development of a web application cannot be started unless the project plans are approved.
2. Development depends on design being finished.
3. Testing cannot be conducted unless the website is designed and built.

7. Risk Management

Potential Risk	Severity (H/M/L)	Likelihood (H/M/L)	Management Strategy
Physical location of team prevents effective management	L	M	Use of video conferencing software, comprehensive communication plan
Time to learn	M	L	Review lecture materials to remind the programming language and IDE to be used
Lack of communication	H	L	Regular team meetings
Changing requirements and priorities	M	M	Analyze what impact it has on the current state of the project, how much effort it will take, or if there is risk of delays.
Failure to deliver on time	H	L	Take into consideration all possible factors

8. Communication

Reporting

The following reports will be produced;

Report	Audience	Frequency
Minutes of meetings	All team members	Weekly

Meetings

The following meetings/communication will be established;

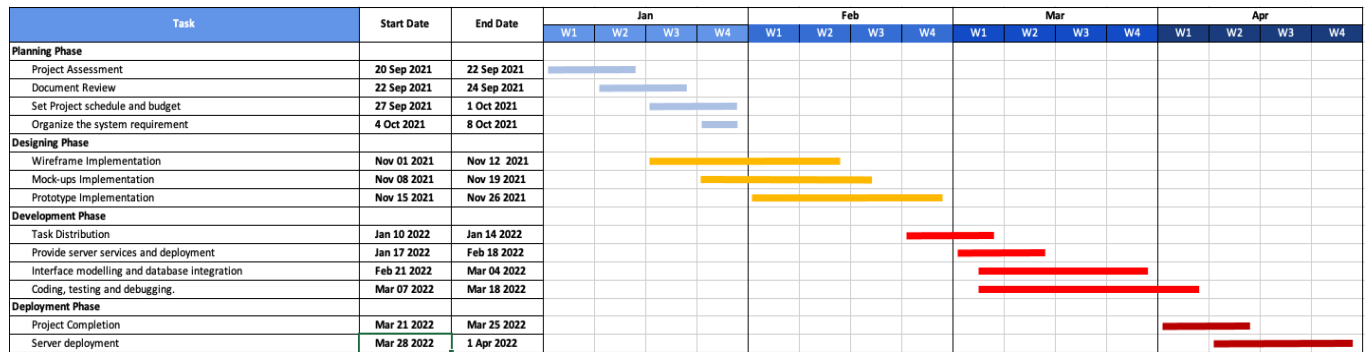
Meeting	Purpose	Attendees	Frequency
Project team status meeting	Check the progress of the project, share opinions, and plan tasks for the next week.	All team members	Weekly

9. Task Listing (WBS- Work Breakdown Structure)

The following resource proposal template summarizes the resource hours committed to this project, upon final approval of this document.

Reference	Tasks	Duration	Dependency
A. Planning Phase	A.1 Project Assessment	Sep 20, 2021 – Sep 22, 2021	
	A.2 Document Review	Sep 22, 2021 – Sep 24, 2021	A.1
	A.3 Set Project schedule and budget	Sep 27, 2021 – Oct 01, 2021	A.1 – A.2
	A.4 Organize the system requirement	Oct 04, 2021 – Oct 08, 2021	A.3
B. Designing Phase	B.1 Wireframe Implementation	Nov 01, 2021 – Nov 12, 2021	A
	B.2 Mock-ups Implementation	Nov 08, 2021 – Nov 19, 2021	A – B.1
	B.3 Prototype Implementation	Nov 15, 2021 – Nov 26, 2021	A – B.2
C. Development Phase	C.1 Task Distribution	Jan 10, 2022 – Jan 14, 2022	A – B
	C.2 Provide server services and deployment	Jan 17, 2022 – Feb 18, 2022	A.3 – C.1
	C.3 Interface modelling and database integration	Feb 21, 2022 – Mar 04, 2022	B – C.1
	C.4 Coding, testing and debugging.	Mar 07, 2022 – Mar 18, 2022	C.3
D. Deployment Phase	D.1 Project Completion	Mar 21, 2022 – Mar 25, 2022	C
	D.2 Server Deployment	Mar 28, 2022 – Apr 01, 2022	C.2 – D.1

10. Gantt Chart



11. Milestones

Major Activity or Milestone	Estimated Milestone Target date	Owner/Reviewer Team Members
Application view and Design	Mar 04, 2022	Allan John Valiente, Hyunsoo Cho
Database Design for the application	Jan 30, 2022	Farah Sheherin
Database Implementation for the application	Feb 06, 2022	Farah Sheherin
RESTful API Design and Implementation	Mar 11, 2022	Farah Sheherin, Yoonho Hwang
Integrating views and designs	Mar 04, 2022	Allan John Valiente, Hyunsoo Cho
Testing for initial release	Mar 18, 2022	Yoonho Hwang, Hyunsoo Cho
Final release	Apr 01, 2022	Farah Sheherin

12. RAM – Responsibility Assignment Matrix

RAM – Responsibility Assignment Matrix				
Project Team Responsibility				
Project Name: Expenses Tracker Project Leader: Farah Sheherin				
Tasks	Farah Sheherin	Allan John Valiente	Yoonho Hwang	Hyunsoo Cho
Project Assessment	P	P	S	S
Document Review	P	S	P	S
Set Project schedule and budget	P	P	S	S
Organize the system requirement	P	P	S	S
Wireframe Implementation	P	P	S	S
Mock-ups Implementation	P	P	S	S
Prototype Implementation	P	P	S	S
Task Distribution	P	S	S	S
Provide server services and deployment	S	P	P	S
Interface modelling and database integration	P	S	P	S
Coding, testing and debugging.	P	P	P	P
Project Completion	P	P	P	P
Server Deployment	P	P	P	P
P = Primary S = Secondary				

13. Approval

The signatures below indicate their approval of the contents of this document.

Project Role	Name	Signature	Date
Project Manager, Software Architect (Backend), Backend Developer	Farah Sheherin	Farah Sheherin	Feb-06-2022
Software Architect (Frontend), Frontend Developer	Allan John Valiente	Allan John Valiente	Feb-06-2022
Frontend Developer, QA Developer	Hyunsoo Cho	Hyunsoo Cho	Feb-06-2022
Backend Developer, QA Developer	Yoonho Hwang	Yoonho Hwang	Feb-06-2022