



Project Plan

Project Title

Course	CSC 225 – Fundamental Structures
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Team Name	Scattered Spider
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Team Members	Devin Knecht
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	Lennox Magak
	Amir Hosseini

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?

Revolve Bank project aims to create a banking system that will revolutionize the traditional money and asset handling procedures. With Revolve banking system customers will enjoy a more secure and trustworthy banking. The system aims to ensure that only they (the customers themselves) and the individuals they authorize plus certain bank officials can access their accounts. This security approach aims to reduce incidences such as the Bangladesh Bank heist that occurred in 2016.

The new banking system aims to provide customers with more organized and responsible management of their things of value and personal information. Our ranks of staff from the Bank teller to the Branch manager will be issued with access and functionality limitations to ensure achievement of the desired responsibility and management in the system.

Our new banking system will not only enable customers to transact money between themselves, but we will also be able to help customers:

1. Easily liquidate their assets that they have stored/registered with us.
2. Easily buy assets from other customers on our platform, or from our own collection.

This **secure**, and **diversified approach** to banking, with more organized and responsible management, is relevant and important because it will:

1. bank the unbanked, asset saturated members of the society still involved in barter trade.
2. Encourage the already banked members of the society to move to our system due to the advanced security.
3. Provide customers with a binary platform that easily enables liquidation and/or acquisition of assets.
4. Provide customers with proper and more responsible management of their assets and capital, through our more organized accessibility hierarchy.

Timeline

Milestone	Name	Due Date
Milestone 1	Group Contract	Tuesday, January 23
Milestone 2	Project Plan and Proposal	Thursday, February 8
Milestone 3	Design & Pitch	Thursday, February 29

Milestone 4	Detailed Tasks	Tuesday, March 26
Milestone 5	Progress Presentation	Thursday, April 18
Milestone 6	Final Presentations	Friday, May 3

Milestone Summary

Milestone 1				
Group Contract				
Item	Description	Estimated Hours	Actual Hours	Date Completed
Purpose	Create a final project team	1	1	1/20/24
Summary	Self-organize into groups of 3-4 students for working together on the semester project. All team members will need to complete the group contract and agree to its terms, holding each other accountable for contributing to the final project throughout the semester.	6	7	1/20/24
Task M1A – Team Member Names	List all team members with full (first and last) names on the group contract document	1	2	1/20/24
Task M1B – Team Name	Come up with a name for the group/team to be addressed as during presentations; list the name on the group contract document	1	1	1/21/24
Task M1C – Weekly Meeting Time	Block off an hour of time once per week when all team members could regularly meet as necessary throughout the semester; list the time in the group contract document	1	1	1/21/24
Task M1D – Signatures	Each team member signs the group contract document (this may be a digital signature or initials)	1	1	1/21/24
Task M1E – Planning Document	Complete the cover page of the planning document, fill in the date each milestone task was completed in the milestone summary, and detail the additional milestone activities in the Milestone Summary section (insert new rows into the table).	2	2	1/21/24
Milestone 2				
Project Plan and Proposal				
Item	Description	Estimated Hours	Actual Hours	Date Completed
Purpose	Determine final project topic	1	1	2/6/24
Summary	As a group, choose a topic all team members want to work on; discuss potential ideas and come to a group consensus what your project will be and why it is important.	10	12	2/6/24

Task M2A – Project Proposal Document	Complete the project proposal document	1	1	2/6/24
Task M2B – Presentation	Present the project proposal to the class	1	1	2/7/24
Task M2C – Planning Document	Complete the executive summary section of the planning document, fill in the date each milestone task was completed in the milestone summary, and detail the additional milestone activities in the Milestone Summary section (insert new rows into the table).	8	10	2/7/24
Milestone 3	Design and Pitch			
Item	Description	Estimated Hours	Actual Hours	Date Completed
Purpose	Create a general look-and-feel for your project, present your project to the class	2	1.5	2/25/24
Summary	Determine how you want your final project deliverables to look, including color scheme, graphics/images, and placement and layout of major components (e.g. buttons, input fields, data, instructions, etc.). Armed with your project proposal and design mockups, show the class what you plan to accomplish with your project. Think of the class as potential investors or contributors; why should they care about your project?	3	2	2/25/24
Task M3A – Major Components	Create a list of major components that will be included in your project (e.g. input/output, images, instructions, etc.)	4	8	2/25/24
Task M3B – Color Scheme	Create a color scheme for your project for a consistent design	1	1	2/25/24
Task M3C – Design Mockups	Create design mockups (use lorem ipsum filler text, at least basic boxes/shapes if not actual design) to show the planned layout of project deliverables, including any major pages/screens that will be included in the final project	2	3	2/26/24
Task M3D – Presentation	Pitch the project to the class	1	1	2/26/24
Task M3E – Planning Document	Include screenshots of all design mockups, list of components (labeled for easy identification), screenshots of the project pitch presentation, fill in the date each milestone task was completed in the milestone summary, and detail the additional milestone activities in the	2	2	2/27/24

	Milestone Summary section (insert new rows into the table).			
Milestone 4	Detailed Task List			
Item	Description	Estimated Hours	Actual Hours	Date Completed
Purpose	Plan the remaining tasks required to complete the project			
Summary	<p>As a team, figure out what needs to happen in order to take the project from its current design and planning stage through implementation to completion.</p> <p>Break down each major component of the project to estimate how much work you think it will take to complete, and what detailed tasks/actions will need to be performed for each.</p>			
Task M4A – Gantt Chart	Create a Gantt chart showing a detailed task breakdown with expected due dates and assigned team members			
Task M4B – Presentation	Present your Gantt chart and task list to the class			
Task M4C – Planning Document	Include a screenshot of the Gantt chart, fill in the date each milestone task was completed in the milestone summary, and detail the additional milestone activities in the Milestone Summary section (insert new rows into the table).			
Milestone 5	Progress Presentation			
Item	Description	Estimated Hours	Actual Hours	Date Completed
Purpose	Provide the class with a project status update			
Summary	Show the class (client) what work has been completed toward the final project deliverables.			
Task M5A – Presentation	Present your work progress to the class			
Task M5B – Planning Document	Include screenshots of your presentation, fill in the date each milestone task was completed in the milestone summary, and detail the additional milestone activities in the Milestone Summary section (insert new rows into the table).			
Milestone 6	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.			
Task M6A – Presentation	Present your completed project to the class			
Task M6B – Planning Document	Include screenshots of your final project deliverables and presentation, fill in the date each milestone task was completed in the milestone summary, and detail the additional milestone activities in the Milestone Summary section (insert new rows into the table).			

Resource List

Resource Name	
URL	
Date Accessed	
Notes	
Resource Name	
URL	
Date Accessed	
Notes	
Resource Name	
URL	
Date Accessed	
Notes	
Resource Name	
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