Faculty of Engineering and Applied Science
SOFE 3490U: Software Project Management

SPM Hackathon

Steven Mai 100781485
Alexander Mahabir 100787806
Awais Ahmad - 100785259
Mithusan Arulampalam - 100787123
Jawad Khoja - 100786085
Mohammad Mohammadkhani - 100798165

Feasibility Study:

For this project, the mission is to make a website that can allow users to search up recipes, ingredients, and images of cocktails. The database will contain many alcohols including both non alcoholic and alcoholic. The stakeholders will mainly be the customers that plan on using the website to search up alcohol information. One customer in particular does not want the Jason's file contents to be displayed on the screen.

	a	b	c	d
Organic	2.40	1.05	2.50	0.38
Semi-detached	3.00	1.12	2.50	0.35
Embedded	3.60	1.20	2.50	0.32

Using COCOMO, the project can be classified as a _____ project. The project can be listed as this as some of the members are experienced, as well, we are given the API to work with.

Risk Management:

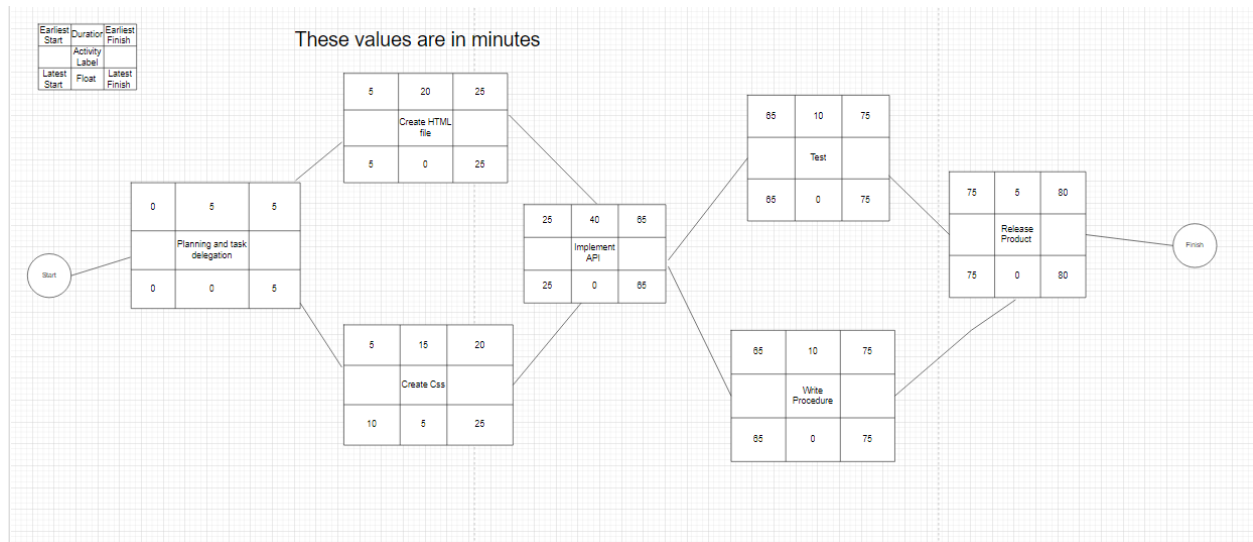This system is not as complex however there is a chance that we still run into risks during the different phases.

Time Constraint

The time constraint is a huge issue as we only have an hour and 20 minutes to complete the task. This poses a huge risk that we do not fully finish the project on time. To minimize the problems for this, we would have to evenly split up the tasks so that we are able to complete as much work as possible in the short time that we have.

Integration Problems

The best way to use our time wisely is to split up the project, however this can lead to integration issues. Since each member is working on their own component, there is always the chance that not all components will be able to work with each other. The best solution for this would be having constant communication so that the members are able to understand how to make their parts all work together.

Activity Network

Earliest Start	Duration	Earliest Finish
	Activity Label	
Latest Start	Float	Latest Finish

These values are in minutes

5	20	25
	Create HTML file	
5	0	25

0	5	5
	Planning and task delegation	
0	0	5

5	15	20
	Create Css	
10	5	25

25	40	65
	Implement API	
25	0	65

65	10	75
	Test	
65	0	75

65	10	75
	Write Procedure	
65	0	75

75	5	80
	Release Product	
75	0	80

Start

Finish

Stakeholders:

The major stakeholders in this project are going to be the client that will get this server. The team members that have worked on this project and the developers that have worked on this project

Deliverables:

- Main cpp file
- Pdf explaining the project
- Text file with the code