Task Delegation: Sundial

Deliverable 1

**Setting up the GitHub Repository**

For this task, it was broken down into multiple parts. For the first part, it was comprised of creating the Github repository and sharing it with all the team members and the TAs. This task was completed by Zachary Maeshima.

The second task was to create the first commit for the GitHub repository with a README.md file. This task was completed by Jason Garza.

The last task for this was to make a file called Project\_Scope. This file would be a text file containing all the tasks our app, Sundial, will be able to do. This task was completed by Marshall Morton.

**Describe Software Model and Why?**

For this task, as a team we concluded that using the prototype model would be best. Then we assigned a member to clarify that we believe prototyping would be the best model and explain why it is the appropriate model to be used for this project. This task was completed by Sean McGuire.

**Define 5-7 functional and non-functional requirements**

We talked as a group when deciding what our project should be about what we would want it to do and be like. This information was accumulated and used to create the function and non-functional requirements. This task was completed by Sarah Burris.

**Use Case Diagram**

From the discussion on how the app will work, we would be able to create a use case diagram illustrating the usage of the app for the different kinds of users. This task was completed by Abinash Bhattarai and Marshall Morton.

**Sequence Diagram**

The sequence diagrams are to supplement the use case diagram. They will illustrate the flows that users will go through for the usages given in the use case diagram. This task was completed by Marshall Morton.

**Class Diagram**

The class diagrams are the classes that will be created for the program. It will give the attributes and functions for each of these classes along with any relationships they have with others. Furthermore, it gives the quantities of those classes in the environment. This was task was completed by Jason Garza.

**Architectural Design**

This task was initiated with the discussion among the team about which architectural design would be most appropriate for the app. Once it was decided (MVC), the architectural design was implemented into a diagram. This task was completed by Zachary Maeshima and Abinash Bhattarai.

Deliverable 2

**Delegation Description**For this task, all the tasks that were completed for this project will be accumulated into one document. This document will explain the tasks along with who completed them. This task was completed by Zachary Maeshima.

**Project Scheduling with MS Project**

Using the software model we concluded to follow, a team member will create the scheduling for our project within MS Project. This should have the estimated durations for each task, the resources used for each task, start and end times for the tasks, and appropriate names for the tasks. This task was completed by Marshall Morton.

**Financial Estimation and Analysis**

This is a part of the project scheduling with MS Project task; however, it is focused on the resources that will be expended during the project’s duration. This means calculating the costs of using software to support our project, the hardware, the pay of the members, etc. This task was completed by Sarah Burris.

**Software Validation and Test Plan**

This task is to create a test plan along with a description of the plan for a unit in our software. Additionally, this unit will have a functioning test code to confirm the functionality of the unit and will present the results of the test. This task was completed by Jason Garza.

**Software Comparison**

Our project application idea will be compared to similar software that already exist. This will be comparing any aspects that are available to the public for these similar software to our project’s aspects. This could be the software model used for the project or the functionality of the software. This task was completed by Marshall Morton and Abinash Bhattarai.

**Conclusion**

To finalize the project, as a team we concluded our experiences with the project. We discussed our overall satisfaction with the work we have done and the impressions it has left on us. Furthermore, we talked about the changes we made as we went through the project and talked about why we went through these changes. One member will type up the conclusion of the project. This task will be completed by Sean McGuire.

**Presentation Slides**

The organization of our presentation will be primarily based on the slides that are created. These presentation slides will be created in order to supplement our presentation by giving visuals and brief descriptions of the topic. Furthermore, it will also contain the test code created for the test plan of the unit completed for deliverable 2. This task will be completed by Marshall Morton and Abinash Bhattarai.

**User Interface Demo**

To demonstrate how we envisioned our project, a simple UI design was imagined. This design was programmed, but with very little functionality. It was implemented for purely getting a visual of the design. Some flaws are allowed. This task was completed by Zachary Maeshima.