**Plan Document**

**[ Deadline and Milestones ]**

**1st Sprint Deadline and Milestones:**

**Goals in the 1st Sprint:**

* Develop the project plan and sketch out the planned implementation
* Identify the needed research that will be needed to complete
* Start a rough implementation and refactor to have a base for the project

**Deadline**

**The deadline of the 1st spring:** October 28, 2022

**Reasons why the deadline may be delayed:** Other class work complications, or misinterpretation of what is needed to start implementation.

**What can be done to prevent this delay:** Plan to be done ahead of schedule

**Milestones**

**Milestone 1 date:** October 24, 2022

**What is planned for this milestone:** Refine the project plan and sketch out the planned implementation.

**Milestone 2 date:** October 26, 2022

**What is planned for this milestone:** Refine the project plan after identifying the needed research that will be needed.

**Milestone 3 date:** October 28, 2022

**What is planned for this milestone:** Finish a rough implementation and refactor to have a base for the project.

**2nd Sprint Deadline and Milestones:**

**Goals in the 2nd Sprint:**

* Finish implementation of the required features and refactor the code
* Test the application to make sure there are no major bugs
* Complete the documentation, and review the design process

**Deadline**

**The deadline of the 2nd spring:** November 4, 2022

**Reasons why the deadline may be delayed:** Other class work complications, or misinterpretation of what is needed to start implementation.

**What can be done to prevent this delay:** Plan to be done ahead of schedule

**Milestones**

**Milestone 1 date:** October 31, 2022

**What is planned for this milestone:** Implement in the needed features in an improved way attempting to eliminate as many bad coding practices as possible from the rough code initial implementation.

**Milestone 2 date:** November 2, 2022

**What is planned for this milestone:** Test the applications functionality for major bugs and possible code improvements.

**Milestone 3 date:** November 4, 2022

**What is planned for this milestone:** Document all the features for both the customers and the developers.