

Predicted Schedule:

Milestones and Deadline

Deadline 1:

Date: 20 OCT 2024

Goal: Complete initial prototype of the time recording and querying system.

Milestone 1:

Date: 30 OCT 2024

Goal: Implement the query feature and begin testing for time recording and querying functionality.

Deadline 2:

Date: 10 NOV 2024

Goal: Complete Version 1.0, including full implementation of time tracking, querying, and report generation. Begin testing.

Milestone 2:

Date: 20 NOV 2024

Goal: Create Ver2 by refactoring code for feature improvements, clean up code, and start writing documentation. Add new requirements.

Milestone 3:

Date: 25 NOV 2024

Goal: Complete all testing. Finalize documentation and prepare for final submission.

Deadline 3:

Date: 02 DEC 2024

Goal: Submit the completed project, including all code, tests, and documentation.

Actual Project Progress:

Week 1 (10/6 - 10/12)

Lines of Code:

Loc: 0

Milestones or risks in this week:

N/A

Summary:

Canvas Page setup - Completed 10/10

Week 2 (10/13 - 10/19)

NO PROGRESS

Week 3 (10/20 - 10/26)

Lines of Code:

Loc: 489

Milestones or risks in this week:

Deadline 1: Completed (Complete initial prototype)

Summary:

This week I focused on completing the initial prototype with the goal of having it connect to firebase properly.

Week 4 (10/27 - 11/2)

Lines of Code:

Loc: 211

Milestones or risks in this week:

Milestone 1: Completed (implement query feature/testing)

Summary:

This week I focused on completing first milestone to have the application be able to query data. Working on this marked the start of working on Version 1 of the application. The feature was added successfully and testing was completed.

Week 5 (11/3 - 11/9)

NO PROGRESS

Week 6 (11/10 - 11/16)

Lines of Code:

Loc: 172

Milestones or risks in this week:

Deadline 2: Completed (Complete Version 1.0)

Summary:

This week I completed Version 1.0 by added more features and functionality. Specifically, I added full implementation of time tracking, querying and report generation. I also began testing this version of the application to make sure it functioned properly. This week I completed the second deadline.

Week 7 (11/17 - 11/23)

Lines of Code:

Loc: 293

Milestones or risks in this week:

Milestone 2: Completed (Refactor code implementing the new requirements for Ver2)

Summary:

This week I completed Version 2.0 by added more features and functionality requested by the client. Specifically, I added more query filters and I also added a new page that helps the user visualize their time usage. I also cleaned up my code a bit and started working on the documentation.

Week 8 (11/24 - 12/2)

Lines of Code:

Loc: 24

Milestones or risks in this week:

Milestone 3: Completed (Completed all testing and documentation)

Deadline 3: Completed (Fully complete the final version)

Summary:

This week I completed 1 deadline and 1 milestone. This includes finishing the rest of the final version and completing the rest of the tests and documentation. I also made some

tweaks to the final version, cleaning up some code by refactoring a bit and fixed a bug or two. This week I officially finished the project.

All of my code for my features have a total of 1189 lines of code.