Sprint 2 Report
Scheduling Statistically
July 14, 2024

Week Review Note: We had two major emergencies in our team, a medical and family which cut two days of productivity throughout this week, severely impacting the amount of work which was able to be done due to some work depending on the tasks to be completed.

Actions to stop doing: Stop relying on only one person to complete a task as it can rely on major issues as productivity can entirely depend on the work of one individual.

Actions to start doing: Communicating better to ensure tasks are completed regardless of emergencies showing up, have contingency plans for task assignments.

Actions to keep doing: Keep communication about progress up, despite issues arising.

Work Completed / Not completed:
User Story 1: As a user, I want a way to have complete or incomplete buttons to show if I completed or didn't complete a task.
Completed -   Task 1.1: Implement Complete / Incomplete button & Functionality [3]

User Story 2: As a user, I want to have a drop down to show why I couldn't complete a task.
Completed -   Task 2.1: Implement drop-down & populate with appropriate reasons [4]
Incomplete -   Task 2.2: Implement "Other" Text box for custom reasons [5]
Incomplete -   Task 2.3: Update .JSON for handling [4]

User Story 3: As a user, I want a visual representation of my progress.
Completed -   Task 3.1: Implement Bar Graph from Chart.js [5]
Completed -   Task 3.2: Connect data from .json to chart for tracking [6]
Incomplete -   Task 3.3: Connect data to backend server for handling. [7]

Spikes:
Completed -   Chart.js Exploration
Completed -   Airtable
Completed -   JSON Exploration

Work Completion Rate: As of day 1, Task 1.1 was implemented. Task 2.1 was completed by Wednesday. Task 2.2 was left incomplete due to time constraints. Task 2.3 was completed. Task 3.1 and 3.2 were not completed due to medical reasons. Task 3.3 was almost completed, but had to be left for the following week due to challenges faced by designing import/export features in

the same page as registration. Re-evaluating the need for a database, and agreeing upon that registration and login features are imperative and unavoidable. This sprint had its hiccups due to team members having personal and medical emergencies, and as well as the integration incompatibilities due to not having a finalized frontend design, but it was very productive as it made us realize that there is more to learn. And the success of learning and finding our way in this sprint will make sprint 3 a breeze.

Burnup Chart:

Expected Tasks Left and Actual Tasks

- - - Expected Tasks Left — Actual Tasks

Day