

## **Release Summary - Scheduling Statistically - Teaming with Statistics - 07/22/2024**

### **Key User Stories & Acceptance Criteria:**

**User Story 1.1:** As a productive user, I want the ability to create, edit and delete tasks.

Task 1.1: Create Task - 3 hours

Task 1.2: Edit Task - 4 hours

Task 1.3: Delete Task - 4 hours

Task 1.4: Basic UI for Functionality - 5 hours

**User Story 1.2:** As a user, I want to be able to access the planner from different computers.

Task 2.1: Initialize Database - 6 hours

Task 2.2: Develop JSON for storing user data - 6 hours

Task 2.3: Integrate Front end & Database - 6 hours

**User Story 2.1:** As a user, I want a way to have complete or incomplete buttons to show if i completed or didn't complete a task.

Task 1.1: Implement Complete / Incomplete button & Functionality [3]

**User Story 2.2:** As a user, I want to have a drop down to show why I couldn't complete a task.

Task 2.1: Implement drop-down & populate with appropriate reasons [4]

Task 2.2: Implement "Other" Text box for custom reasons [5]

Task 2.3: Update .JSON for handling [4]

**User Story 2.3:** As a user, I want to view a Productivity Bar Graph to see my past productivity for future planning purposes.

Task 3.1: Implement Bar Graph from Chart.js [5]

Task 3.2: Connect data from .json to chart for tracking [6]

Task 3.3: Connect data to backend server for handling. [7]

**User Story 3.1:** As a user, I want to be able to access my progress from anywhere.

Task 1.1: Import / Export JSON Frontend [4]

Task 1.2: Import / Export JSON Backend [4]

Task 1.3: Login / Register Frontend [3]

Task 1.4: Login / Register Backend [13]

Task 1.5: Website Formatting [3]

**User Story 3.2:** As a user, I want to be able to track my productivity visually.

Task 2.1: Chart.js Frontend [4]

Task 2.2: Chart.js Backend [6]

### Task 2.3: Finalize implementation of database for new features [13]

#### **Known Issues:**

- When an incorrect JSON file is uploaded with the import function, the page goes blank. It does not give an error that the format is wrong or the file is invalid.
- When a file is successfully imported, there is no way to save it to the database by registration and, or logging in. The current workaround is to have to separate instances, import in one instance, and copy it to the instance connected to the database.
- The error message for wrong login credentials and server being down is the same.

#### **Product Backlog:**

1. Task field that takes the task name as an input and records the task when the “add task” button is pressed. All added tasks are displayed on a panel, each task with some button inputs.
2. In the task panel, each task has the following buttons; the buttons are also task attributes: task creation data, task completion estimation, task complete, task incomplete, and when task is incomplete, more attribute buttons are requested as a reason for not completing your task; procrastination, overcommitment, distraction, lack of resource, personal, time management, and other.
3. In the task panel, additional buttons on each task for editing and deleting a task.
4. Two panels that contain a list of tasks. One displays a list of complete tasks, the other displays a list of incomplete tasks.
5. Added tasks are optionally saved on the user browser.
6. A line graph displays the number of complete and incomplete tasks in a day. The line graph ranges for several days.
7. A pie graph that displays reasons for not completing a task within a time range, the pie graph graphs: procrastination, overcommitment, distraction, lack of resource, personal, time management, and other.
8. An import and export button that enables saving and opening a json file that is used to record and upload tasks.
9. Potentially a login facilitates the upload of the json file to a remote database.