

# ITR2 Planning Document

## Updated Plan

- From ITR1 to ITR2, there is a specific change in the score counter where it will decrement when unselected and increment when selected as we felt that it needed to be improved.
- We improved the due-dates feature to utilize a calendar to make choosing dates easier as we realized that the previous method of manually writing in the date to be inefficient.
- We improved the score counter to incorporate ranks based on the score which would also change the colour of the gui to enhance the user experience.
- Otherwise, the plan remains the same from ITR1 to ITR2

## Detailed User Stories

### 1. User needs to store and view tasks.

- Integrate a database to store the tasks and allowing users to input, view, and organize tasks more efficiently. The GUI can be improved to display tasks in a user-friendly manner, showing relevant details such as task names and completion status.

### 2. User requires due dates in an organized manner.

- Extend the database to include a due date field for each task. Enhance the GUI to display due dates prominently, providing a visual representation of tasks and their deadlines. This allows users to sort tasks based on due dates, helping them prioritize and manage their workload effectively.

### 3. Users need to make their study sessions more productive.

- Integrate a pomodoro timer feature, storing user sessions in the database. The GUI can display the timer alongside the to-do list, and users can start, pause, and reset the timer. This allows for better time management, and completed sessions can be stored for review or analysis.

### 4. Users require a secure login method.

- Implement a secure user authentication system and store user credentials in the database. Users can create accounts, log in, and securely access their personalized to-do lists. The GUI will include a login page for authentication and personalized task management.

#### **5. User needs a better way to write notes**

- Implement an effective note taking component to the app. Users can take several notes and upon saving, the information will be store in the console and database.

#### **Development tasks assigned in ITR1**

##### **1. User needs to visualise and organise tasks in one place.**

- Developers implemented the task-adding feature and was planned to be completed within a day and was completed in a day.

##### **2. User forgets to complete a task due to having many due dates making it hard to keep**

- Developers implemented the due date text box to the add feature which was planned to be completed within a week and was completed within the week.

##### **3. Users need to manage their studying and work sessions more effectively.**

- Developers implemented the Pomodoro class and testing which was planned to be completed within a week and was completed within the week.

##### **4. Users have a hard time managing tasks, wasting too much time deciding on what to do**

- Developers implemented the priority textbox to the add feature using the priority task along with the priority testing which was planned to be completed within a week and was completed within the week.

##### **5. Users have difficulties prioritising tasks due to having many important tasks and less important tasks.**

- Developers implemented a score class and score testing along with the priority class to help the user prioritize tasks better and was planned to be completed within a week and was completed within the week.

## **6. User authentication: users need to make an account so that they can securely**

- Developers implemented a login class with login testing that was planned to be completed within a week and as completed within the week