

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 also had to change the implementation of the pomodoro timer since using System time causes the GUI to freeze since the thread is already being used.
- 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.

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