

Task Assignment

Project Setup & UI Design

Tasks

- Set up project files: index.html, style.css, and script.js.
 - Design a **clean and intuitive UI** with two sections:
 - **User Panel**
 - Signup & login
 - Create the task
 - List of assigned tasks.
 - Options to start, pause, and stop a timer.
 - Ability to update task status.
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User & Task Management

Tasks

- Implement **Task Management**:
 - Create tasks with details such as title, description, task deadline.
 - Tasks are initially set to "Pending" status.
 - Store created tasks for persistence.
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User Panel - Task List & Status Update

Tasks

- Users can:
 - Change task status from **Pending → In Progress → Completed**.
 - **Only one task can be in progress** at a time.
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Task Tracking, Timer

Implementing Task Timer

Tasks

- Users can:
 - Start a **timer** when they begin working on a task.
 - Pause or stop the timer.

- View the **elapsed time** in real-time.
 - Ensure only **one task timer** runs at a time.
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Completing Tasks & Submitting Notes

Tasks

- When stopping the timer, the user must:
 - Write **task completion notes** before submitting.
 - Confirm completion and update task status to **Completed**.
 - Store time spent on the task for tracking.
- Ensure tasks cannot be completed unless the timer has been stopped.

Notes:

- Use the database and APIs to store the data.
- Store the user session in local storage
- Add the proper validations on both client and server side
- Design the database with proper indexing and foreign keys