1. Project Overview

Project Selection:

I will develop a task management website that allows users to create and manage their daily to-do tasks. Users will be able to categorize tasks, mark them as completed, and prioritize them. The platform will require users to create an account for personalized task management. The system will also provide an option to filter tasks based on their categories and completion status.

Requirements to be Met:

- Backend implemented using a REST API.
- Database used to store user accounts, tasks, and categories.
- Frontend implemented using React.
- User management system where each user has access to their personal task list.
- Ability to add, edit, and delete tasks while categorizing them.
- Filtering options to sort tasks based on priority and category.

2. Report Structure

Introduction:

This project stems from the need for an easy-to-use task management system that helps users stay organized daily. The objective is to develop a web application that enables users to create, categorize, and manage their tasks efficiently.

Implementation:

The project will be implemented as a website using React for the frontend and a RESTful API for the backend. SQLite will be used as the database to store user tasks and account details.

Technology Stack:

- Backend: RESTful API.
- Frontend: React.
- Database: SQLite

3. Project Presentation

I do not intend to present the project.

4. Project Timeline

Week	Task
6-7	Develop backend with RESTful API
8	Set up the database
9	Implement user authentication and task management functionality
10-11	Develop frontend using React and connect it to the API

12-13	Deploy the application and finalize documentation

5. Evaluation Criteria

Component	Percentage
Backend with REST API	20%
Database setup	20%
Frontend with React	20%
User management implementation	20%
Website deployment	20%