Planning Logic

Planning Logic for To-Do List Web Application

1. Project Overview

The objective of this project is to develop a basic To-Do List Web Application that allows users to create, manage, and complete tasks through a user-friendly interface. The development is divided into four sprints, ensuring that functionality is delivered incrementally and prioritized based on importance and complexity.

2. Sprint Breakdown

Sprint 1: User Authentication

This sprint focuses on enabling users to register and log in. These features are essential prerequisites for accessing the application and are therefore prioritized first.

Sprint 2: Basic Task Management

Users are enabled to add and delete tasks, forming the core functional base of the application. These are high-priority features necessary for the MVP.

Sprint 3: Task Enhancements

This sprint includes functionalities like marking tasks as completed and viewing completed tasks. These features enhance usability and improve user engagement.

Sprint 4: UI/UX Design

The final sprint ensures a clean, responsive user interface that improves the overall user experience and accessibility across devices.

3. Story Points and Prioritization

Each user story is assigned story points based on its estimated complexity, required effort, and implementation time. Higher-priority features are tackled in earlier sprints to ensure that essential functionalities are completed first. The story point scale used ranges from 1 (simple) to 8 (complex and time-consuming).

4. Team Allocation

Team members are assigned tasks according to their skill sets and workload balance. For example, front-end tasks are given to team members with UI/UX experience, while others handle back-enlogic or functionality. This ensures an even distribution of work and leverages each member's strengths.

5. Agile Methodology Application

This sprint plan is based on agile principles, including incremental and iterative development, prioritized delivery, and adaptive planning. It ensures that the product evolves with regular feedback, and each sprint contributes tangible progress toward the final application.