Snapshot Objectives

Jasmine Morales   Tiana Luu   Kira Ma   Linda Tien

December 2025

Start Objective

The starting objective of the **Project Management Web Application** is to establish the core technical foundation and ensure that all team members are aligned on responsibilities. This includes:

- Setting up React.js for the frontend to provide a responsive and user-friendly interface.

- Implementing Node.js/Express for the backend to handle API requests and server logic.

- Configuring MongoDB for persistent data storage of users, tasks, and project information.

- Creating a basic UI with login, registration, and navigation to core pages.

- Establishing task delegation through Jira to organize the first sprint.

1st Checkpoint Objective

The primary objective for Snapshot 2 is to implement the first major feature: a project dashboard. This will include:

- Data entry and display functionality for tasks and objectives.

- Initial synchronization between frontend and backend services.

- Integration of TestRail for documenting test cases and results.

- Updates to the User Manual and Design Spec to reflect the new dashboard feature.

2nd Checkpoint Objective

The primary objective for Snapshot 3 is to expand functionality with notifications and reporting. This will include:

- Implementing an email or in-app notification system to alert users of task updates.

- Adding reporting features to visualize project progress and team performance.

- Updating the SDD and SRS documents with new requirements and design changes.

- Refining the workflow diagram to reflect expanded system interactions.

Due Date Checkpoint

The final objective for Snapshot 4 is to polish the application and prepare for submission. This will include:

- Fixing bugs and improving UI readability across devices.

- Documenting future work, such as advanced analytics or mobile app integration.

- Final updates to the User Manual, SDD, and SRS.

- Submitting the Snapshot Reflection document and ensuring all deliverables are complete.