

PROJECT PLANNING – LEASE MANAGEMENT SYSTEM

Date	02 November 2025
Team ID	NM2025TMID02431
Project Name	Lease Management System
Maximum Marks	5 Marks

Introduction

The Project Planning Phase lays the groundwork for the successful development of the Lease Management System. It outlines the project's scope, objectives, and development workflow while ensuring effective coordination of resources, schedules, and deliverables. This phase ensures that all stakeholders clearly understand the required features, system goals, and expected results. Adopting the Agile methodology, the project is structured into sprints to enable incremental progress, continuous refinement, and regular feedback throughout the development process.

Product Backlog

The Product Backlog contains the essential functionalities required for the Lease Management System, organized by priority to streamline the development workflow. Key backlog elements include property registration, tenant management, lease monitoring, automated rent computation, and financial reporting. Each functionality is broken down into concise user stories for easier implementation and testing. The backlog is continuously refined to ensure that high-impact modules, such as lease tracking and payment automation, receive top development priority.

Sprint Schedule

The project is executed through an iterative sprint model, promoting modular development and steady progress across four defined phases:

- **Sprint 1:** Development of Property and Tenant Management Modules
- **Sprint 2:** Implementation of Lease Tracking and Payment Automation
- **Sprint 3:** Creation of Dashboards and Report Generation Features
- **Sprint 4:** Comprehensive Testing, Feedback Integration, and Final Deployment

Each sprint concludes with a review session to evaluate progress, incorporate feedback, and refine deliverables for optimal quality.

Effort Estimation

Effort estimation was performed using the story point methodology, where each backlog item was evaluated based on its complexity and workload. Simpler tasks such as database configuration and UI design were assigned lower point values, while more complex activities like automation workflows and report generation received higher scores. This estimation strategy enabled accurate resource planning, achievable timelines, and improved visibility throughout the project's execution.

Conclusion

By combining systematic backlog management, well-defined sprint scheduling, and precise effort estimation, the Lease Management System Project achieves an organized and timely development process. This strategic approach enhances efficiency, supports flexibility in execution, and ensures consistent delivery of high-quality outcomes across the entire development lifecycle.