

PROJECT PLANNING – LEASE MANAGEMENT SYSTEM

Date	01 November 2025
Team ID	NM2025TMID04875
Project Name	Lease Management System
Maximum Marks	5 Marks

Introduction

The Project Planning Phase establishes the foundation for developing the Lease Management System Project. It defines the scope, objectives, and workflow of the development process while ensuring proper alignment of resources, timelines, and deliverables. The planning phase guarantees that all stakeholders have a clear understanding of system requirements, functionalities, and outcomes. Using Agile methodology, the project is divided into sprints to ensure iterative progress, continuous improvement, and timely feedback throughout the development cycle.

Product Backlog

The Product Backlog includes all core features needed for the Lease Management System. These features are prioritized to guide development efforts effectively. Major backlog items include property registration, lease tracking, tenant management, automated rent calculations, and financial reporting. Each feature is structured into manageable user stories to enable seamless implementation and testing. The backlog is regularly reviewed to ensure high-priority modules such as lease tracking and payment automation are developed first.

Sprint Schedule

The project follows an iterative sprint schedule, ensuring modular and continuous progress across four sprints. • Sprint 1: Property and Tenant Management Modules • Sprint 2: Lease Tracking and Payment Automation • Sprint 3: Dashboard and Report Generation • Sprint 4: Testing, Feedback, and Deployment Each sprint concludes with a review session and adjustments based on feedback to ensure high-quality deliverables.

Effort Estimation

Effort estimation was conducted using the story point technique, assigning complexity scores to each backlog item. Tasks like database setup and UI creation were given lower points, while automation and report generation received higher scores. This approach ensured effective resource allocation and realistic timelines, reducing risk and enhancing project transparency.

Conclusion

Through organized backlog planning, sprint scheduling, and accurate effort estimation, the Lease Management System Project ensures structured development and timely delivery. This planned approach promotes efficiency, adaptability, and improved project quality throughout the development cycle.