

PROJECT PLANNING

Date	23 October 2025
Team ID	NM2025TMID02904
Project Name	Garage Management System
Maximum Marks	5 marks

Introduction

The Project Planning Phase forms the groundwork for designing and implementing the Garage Management System in Salesforce. This phase defines the project scope, objectives, workflows, and resource allocation required for successful execution. It ensures that all team members and stakeholders share a common understanding of the system's purpose and expected outcomes. By adopting an Agile development model, the project is divided into small iterative steps where progress is continuously reviewed. This approach encourages frequent updates, collaborative decision-making, and the flexibility to adapt changes during development. Overall, the planning phase creates a well-organized roadmap that guides the project from initial design to final deployment.

Product Backlog

The Product Backlog contains all required features and enhancements planned for the Garage Management System. It serves as a dynamic list where tasks are arranged according to priority and business needs. Key backlog items include creating customer profiles, registering vehicle details, managing service histories, generating invoices, and enabling customer notifications. Each feature is converted into Salesforce user

stories consisting of clear acceptance criteria and estimated effort. The backlog is reviewed and refined continuously to ensure the development team focuses on the most valuable features first. Future enhancements like spare parts tracking and mechanic performance reports may be included in later iterations based on feedback and requirement expansion.

Sprint Schedule

The project is divided into short, iterative sprints of one to two weeks. Each sprint focuses on a specific module of the system to ensure incremental progress and regular feedback.

Sprint 1: Development of Customer and Vehicle modules.

Sprint 2: Service Booking and Service Records functionality.

Sprint 3: Billing and Feedback automation.

Sprint 4: Dashboard creation, testing, and deployment.

Effort Estimation :

Effort estimation was carried out using the Story Point and Workload Breakdown approach. Each user story was assessed based on its complexity, dependencies, and implementation time. Simple configuration tasks such as creating fields and layouts were assigned fewer points, while complex activities involving automation, validation rules, and integration received higher estimates. This estimation helped in distributing tasks efficiently among developers, ensuring balanced workload and steady progress. It also allowed the team to anticipate risks early and adjust timelines when necessary, ensuring the project remains on schedule.

Conclusion

The planning phase establishes a clear development strategy for the Garage Management System by defining objectives, prioritizing backlog items, and assigning realistic effort estimates. This organized planning approach ultimately leads to a reliable, user-friendly, and scalable system that enhances garage operations and improves service efficiency within the Salesforce environment.