

# PROJECT PLANNING

Date	23 October 2025
Team ID	NM2025TMID01747
Project Name	Garage Management System
Maximum Marks	5 Marks

## Introduction

The **Project Planning Phase** forms the cornerstone of the **Garage Management Project** development within Salesforce. It establishes the project's **scope, goals, and structure**, aligning all activities with available **resources, timelines, and stakeholder expectations**. This phase ensures that every team member clearly understands the **deliverables, responsibilities, and desired outcomes**.

Adopting the **Agile methodology**, the project is executed through a series of **iterative sprints** that promote continuous improvement, testing, and feedback. This structured yet flexible approach enhances **collaboration, transparency, and adaptability**, ensuring that the system evolves effectively throughout the development lifecycle.

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## Product Backlog

The **Product Backlog** serves as a comprehensive, prioritized list of features essential to building the **Garage Management System**. It guides the development process and maintains alignment with the project's strategic objectives.

Key backlog items include:

- **Customer Creation and Vehicle Registration**
- **Service Booking and Service Tracking**
- **Billing Automation and Feedback Collection**

Each feature is further divided into **manageable user stories** within Salesforce for systematic development and testing. Regular **backlog refinement** ensures that high-priority modules such as service tracking and billing are implemented first, followed by supporting features like **inventory** and **employee management**.

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## Sprint Schedule

The project is executed through **short, iterative sprints** lasting one to two weeks, with each sprint dedicated to a specific system module to ensure **steady progress and timely feedback**.

- **Sprint 1:** Development of **Customer** and **Vehicle** modules.
- **Sprint 2:** Implementation of **Service Booking** and **Service Records** functionalities.
- **Sprint 3:** Automation of **Billing** and **Feedback** processes.
- **Sprint 4:** Creation of **Dashboards**, final testing, and **deployment**.

At the end of each sprint, progress is **reviewed and evaluated**, allowing for necessary adjustments based on **testing outcomes** and **stakeholder feedback**. This iterative process ensures a robust, user-focused, and high-performing solution.

## **Effort Estimation**

Effort estimation for the **Garage Management Project** was conducted using the **Story Point Method**, where each item in the product backlog was assigned a **complexity score** based on the time, skill, and resources required for completion.

Tasks involving straightforward activities, such as **creating custom objects and fields**, were allocated lower story points, while more complex tasks—like **automation workflows, validations, and testing**—received higher points.

This estimation technique enabled **efficient time allocation and workload balancing** across the team. It also provided a **realistic view of project timelines** and potential challenges, ensuring that all deliverables were completed within the planned schedule while maintaining quality standards.

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## **Conclusion**

By implementing **structured backlog management**, **well-defined sprint planning**, and **accurate effort estimation**, the project planning phase establishes a solid foundation for the successful execution of the **Garage Management Project**. This organized and agile-driven approach promotes **efficient development, higher quality output, and greater adaptability** to evolving requirements within the **Salesforce environment**.