

Project Design Phase

Proposed Solution

Date	01/11/2025
Team ID	NM2025TMID06969
Project Name	GARAGE MANAGEMENT SYSTEM

Proposed Solution Template

S.NO	Parameter	Description
1.	System Objective	To develop a centralized digital platform that automates garage operations, improves efficiency, and enhances customer experience.
2.	Key Modules	Customer Management, Service Booking, Mechanic Assignment, Billing and Payment, Inventory Management, Reporting & Analytics.
3.	Technology Used	Salesforce Platform / Web-based Application using databases, automation tools, and cloud storage.
4.	User Roles	Admin, Mechanic, and Customer – each with specific permissions and access levels.
5.	Performance Tracking	Generates analytical reports to monitor productivity, service efficiency, and customer satisfaction.

Conclusion

The proposed Garage Management System (GMS) provides a complete digital solution to the challenges faced by traditional garage operations. By integrating modules such as customer management, service booking, billing, inventory tracking, and reporting, the system ensures smooth and error-free workflow. It reduces manual effort, enhances operational efficiency, and improves communication between staff and customers.

Solution Description

The Garage Management System (GMS) is a comprehensive web-based application designed to automate and streamline all major operations within a garage. The system focuses on simplifying service booking, managing customer and vehicle information, tracking inventory, generating invoices, and maintaining service reports — all from a centralized digital platform.