

IDEA GENERATION & PRIORITIZATION

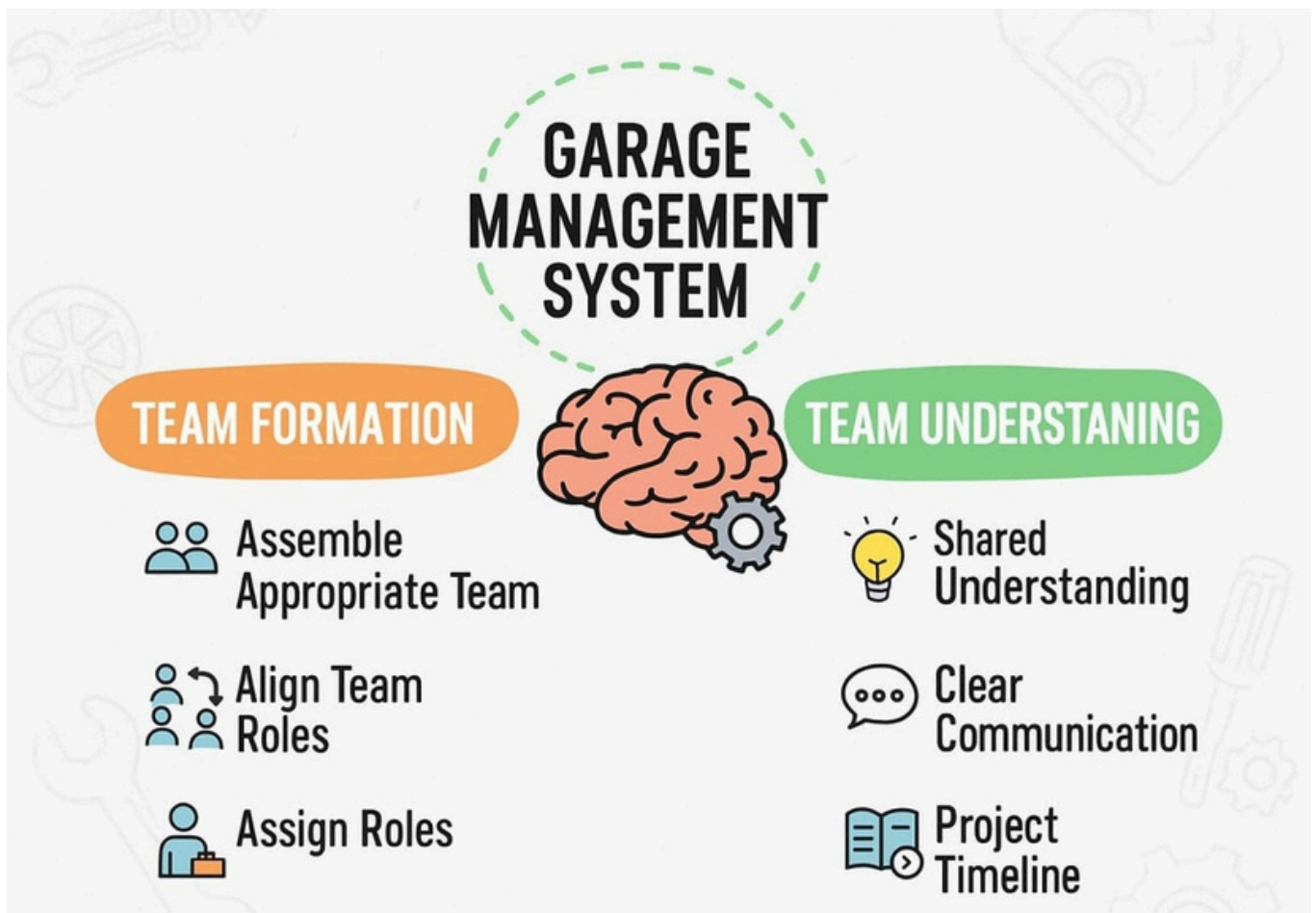
Date	23 October 2025
Team ID	NM2025TMID02904
Project Name	Garage Management System
Maximum Marks	4 marks

Garage Management System Template :

The Garage Management System is a Salesforce-based application designed to assist automobile garages in managing their daily operations in an organized and efficient manner. The system focuses on maintaining customer information, vehicle details, service records, appointments, spare parts usage, and billing details all in one centralized platform. By replacing manual notebook entries and scattered data handling, this system ensures faster access to information, reduces errors, and improves service transparency between the garage and customers.

Step-1: Team Formation and Understanding the Core Need

The first step involved forming a small project team and clearly identifying the main purpose of the system. Discussions were conducted with garage staff and customers to understand their daily challenges, such as difficulty in maintaining vehicle records, delay in service updates, and manual billing errors. The team finalized the Garage Management System using Salesforce as the project objective, with the intention of creating a centralized platform that simplifies daily garage operations and improves customer service.



Step-2: Idea Collection, Review & Categorization

Idea Collection

Once the problem was defined, the team generated multiple ideas that could help in improving garage workflow. Some key ideas identified were:

- A centralized vehicle & customer information record system
- Service scheduling to avoid long waiting times
- Task assignment for mechanics
- Automatic billing based on service work and parts used
- Stock tracking for spare parts and consumables
- Follow-up reminders for next service due dates
- A simple report dashboard to view garage performance

Idea Categorization

1. Customer & Vehicle Management - Holds customer profile and vehicle details
2. Service Workflow Management - Handles booking, ongoing service status, and task updates

- 3. Billing & Payment Tracking - Generates invoices and records payments
- 4. Inventory & Spare Parts Control - Maintains stock levels and usage of parts
- 5. Reports & Performance Monitoring - Provides insights for decision making

Step-3: Idea Prioritization

After generating and grouping the ideas into functional modules, the next step was to determine which features should be developed first. Each idea was carefully reviewed based on its importance to garage operations, its ease of implementation in Salesforce, and the overall value it would provide to both the garage staff and customers. The core features that directly support daily activities, such as managing customer and vehicle information, booking service requests, tracking service progress, and generating bills, were given highest priority as they form the backbone of the system. Features like inventory tracking and work assignment for mechanics were marked as medium priority, as they enhance efficiency but are not required for the initial working version. Meanwhile, advanced features such as automated reminders, customer feedback collection, and analytical dashboards were categorized as low priority, to be introduced in later stages once the core modules are fully functional. This prioritization ensured that development followed a structured path, starting with essential components and gradually adding enhancements for improved performance and user experience.