Project Planning Phase

Date	26/10/2025
Team ID	NM2025TMID03454
Project Name	Garage Management system
Maximum Marks	4 Marks

Project Overview

The Garage Management System (GMS) project aims to design and deploy a Salesforce-based

digital solution for automating garage operations.

This planning document defines the timeline, milestones, resources, and tools used in development.

Timeline & Milestones

1. Week 1 - Ideation & Requirement Analysis

2. Week 2 - Salesforce Object & Data Model Creation

3. Week 3 - Flow Automation & Apex Development

4. Week 4 - Testing & Validation

5. Week 5 - Dashboard & Report Implementation
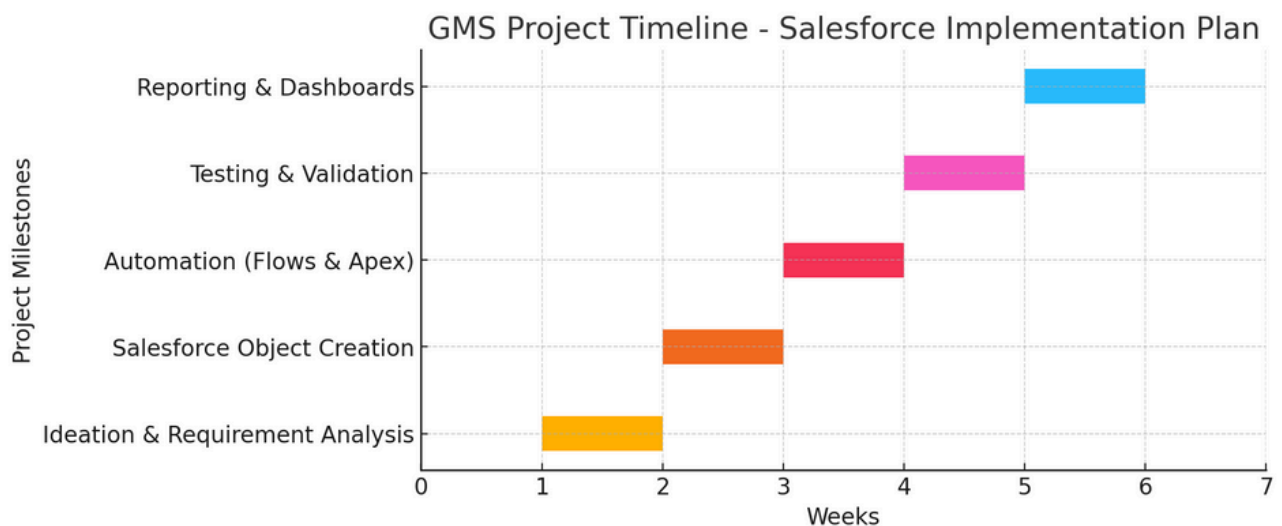
Team Roles

- Project Lead: Oversees project execution and integration

- Salesforce Developer: Handles custom objects, flows, and triggers

- Tester: Conducts validation and ensures data consistency

- Analyst: Defines requirements and monitors performance

- Documentation Specialist: Prepares reports and GitHub documentation

Tools & Technologies

- **Salesforce CRM** (Core platform)

- **Apex, SOQL, Lightning Components**

- **Lucidchart/Draw.io** for ER and DFD diagrams

- **VS Code & GitHub** for version control

- **Trailhead Playground** for sandbox development

Objective Summary

This planning phase ensures a structured roadmap for GMS implementation, clear team responsibilities,

and efficient utilization of Salesforce's automation capabilities for a scalable, real-world-ready solution.

GMS Project Timeline - Salesforce Implementation Plan

Garage Management System - Entity Relationship Diagram

```
Customer                                              Appointment
(CustomerID, Name, Phone, Email)    ────────>         (AppointmentID, Date, Vehicle, Services)
                                    <────────
                                        │
                                        ▼
                        ServiceRecord
                        (ServiceID, AppointmentID, QualityCheck, Status)
                                        │
                                        ▼
                        BillingFeedback
                        (BillID, ServiceID, PaymentStatus, Rating)
```