

# Solution Architecture

Date	27/10/2025
Team ID	NM2025TMID03454
Project Name	Garage Management system
Maximum Marks	4 Marks

## ### Architecture Overview

The architecture of the Garage Management System is layered to ensure modularity, scalability, and performance optimization.

## ### Layers Description

1. \*\*User Interface Layer:\*\* Salesforce Lightning App allows users to interact with GMS visually.
2. \*\*Application Logic Layer:\*\* Uses Apex triggers, validation rules, and automation flows to process data.
3. \*\*Data Layer:\*\* Stores all customer, appointment, and billing records in Salesforce objects.
4. \*\*Analytics Layer:\*\* Generates dashboards and reports for business insights.

## ### Diagram

The following architecture diagram illustrates the logical flow and data hierarchy.

## Garage Management System - Solution Architecture

