Solution Architecture

Date	27 October 2025
Team ID	NM2025TMID03953
Project Name	Lease Management System
Maximum Marks	4 Marks

Proposed Solution:

Category	Description
Project Title	Lease Management System
Problem Statement	Manual lease tracking causes errors, missed payments, and poor communication between owners and tenants.
Proposed Solution	A Salesforce-based automated system with custom objects, flows, triggers, and approval processes to manage leases, tenants, and payments efficiently.
Purpose	To automate lease operations, improve accuracy, save time, and enhance transparency in property management.
Novelty	Integrates all Salesforce automation tools in one platform with real-time notifications, approval workflows, and a user-friendly Lightning interface.
Customer Satisfaction	Ensures timely reminders, accurate data, and smooth communication, improving user trust and experience.
Social Impact	Promotes digital transformation, reduces paperwork, and supports eco-friendly and efficient management practices.
Business Model	Offered as a SaaS platform with subscription-based pricing; scalable for agencies and individuals.

Solution Description:

The Lease Management System is a Salesforce-based solution that automates lease, tenant, and payment management. It uses custom objects, flows, triggers, and approval processes to handle leases efficiently while sending automated email notifications for payments and approvals. With a user-friendly Lightning App interface, it ensures accuracy, transparency, and smooth communication between property owners and tenants.