

Requirement Analysis

Technology Stack

Date	02 November 2025
Team ID	NM2025TMID04536
Project Name	Lease Management
Maximum Marks	3 Marks

Technology Stack

Component	Technology Used	Purpose
Platform	Salesforce Lightning	To build and deploy cloud-based applications.
Database	Salesforce Object Database (Custom Objects)	To store property, tenant, lease, and payment data.
Backend Logic	Apex Classes, Apex Triggers	To automate processes and enforce business logic.
Frontend/UI	Lightning Components, Tabs, and Pages	For user interface design and navigation.
Automation	Flows, Validation Rules, Approval Processes	To manage workflows and system interactions.
Communication	Email Templates, Email Alerts	To send automatic notifications to users.
Scheduling	Scheduled Apex Classes	To handle periodic actions such as monthly payments.
Security & Access	Role-based Permissions in Salesforce	To ensure data privacy and restricted access.