

TECHNOLOGY STACK

Date	24 June 2025
Team ID	LTVIP2025TMID31361
Project Name	Lease Management

Layer	Technology / Tool	Purpose
Presentation Layer	Salesforce Lightning App (UI Tabs)	User Interface for managing properties, tenants, leases, and payments
Application Layer	Salesforce Platform (Lightning, Apex)	Logic handling (e.g., triggers, flows, validation, approvals)
Data Layer	Salesforce Custom Objects & Fields	Stores data for Property, Tenant, Lease, and Payment
Automation Layer	Salesforce Flow, Approval Process, Apex	Automates email notifications, approvals, validations
Integration Layer	Email Templates, Salesforce Email Services	Sends automated email alerts and confirmations
Security Layer	Salesforce Profiles, Field-Level Security	Controls user access to objects, fields, and actions
Scheduler/Batch Layer	Apex Scheduler Class	Sends monthly rent reminders to all tenants on the 1st of every month
Testing Layer	Salesforce Developer Console, UI Validation	Testing Triggers, Flows, and Field Validations
Deployment/Hosting	Salesforce Developer Org	Project hosted and deployed on Salesforce cloud platform