

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

DATE	01/11/2025
TEAM ID	NM2025TMID07701
PROJECT NAME	Lease Management
MAXIMUM MARKS	4 MARKS

Functional Requirements:

Following are the functional requirements of the proposed **Lease Management Solution** in Salesforce.

FR Functional No. Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1 Property Management	Add, edit, and delete property details including address, type, and rent range.
FR-2 Tenant Management	Register new tenants with contact details, identification proof, and lease preferences.
FR-3 Lease Creation	Create new lease records by linking tenants and properties, specifying start and end dates, and rent amount.
FR-4 Payment Tracking	Record rental payments, update payment status, and generate payment receipts automatically.
FR-5 Renewal Notification	System automatically sends reminders to admin and tenants before lease expiry.
FR-6 Report Generation	Generate reports showing active leases, upcoming renewals, and overdue payments.

FR	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-7	Dashboard Visualization	Display visual dashboards for rent collection, occupancy, and lease trends.
FR-8	Automation and Validation	Implement Salesforce Flows and Validation Rules to ensure lease data accuracy and automate alerts.

Non-Functional Requirements:

Following are the non-functional requirements of the proposed solution.

NFR	Non-Functional Requirement	Description
NFR-1	Usability	The interface should be user-friendly, allowing admins and managers to easily navigate lease records.
NFR-2	Security	Only authorized Salesforce users (e.g., Admins, Property Managers) can create, update, or delete lease data.
NFR-3	Reliability	The system must consistently track and store all lease and payment data without data loss.
NFR-4	Performance	All automation (renewal alerts, payment reminders) must execute instantly without delay.
NFR-5	Availability	The solution should be available 24/7 on the Salesforce Cloud for anytime access.
NFR-6	Scalability	The system should support additional properties, tenants, and lease records as the business grows.
NFR-7	Maintainability	The application should be easy to update with minimal downtime or reconfiguration.