

Project Design Phase–II

Solution Requirements (Functional & Non-Functional)

Date	2 November 2025
Team ID	NM2025TMID03296
Project Name	Lease Management System
Maximum Marks	4 Marks

Functional Requirements

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Property Management	Admin can create, update, and delete property records. Admin can view all listed properties.
FR-2	Tenant Management	Admin can add new tenants with personal and contact details. Tenant records can be linked to properties.
FR-3	Lease Management	Admin can create new lease records by linking tenants and properties. System validates that End Date > Start Date .
FR-4	Payment Tracking	System allows recording of tenant payments linked to leases. Admin can view all payment histories.
FR-5	Approval Workflow	System initiates approval process for new tenant leases. Admin can approve or reject tenant requests.
FR-6	Email Notifications	Users receive email notifications on approval or rejection of tenant leases.
FR-7	Reporting & Dashboards	System generates real-time reports showing lease status, tenant list, and pending payments.

Non-Functional Requirements

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The Salesforce Lightning App interface should be simple, clean, and easy for admins to navigate.
NFR-2	Security	Access to lease creation, approval, and deletion should be restricted to authorized Salesforce users (admins).
NFR-3	Reliability	Validation rules must always execute accurately before saving lease data to maintain data consistency.
NFR-4	Performance	The system should process validations, approvals, and notifications with minimal delay.
NFR-5	Availability	The app should be available 24/7 within the Salesforce environment for authorized users.
NFR-6	Scalability	The solution should handle multiple properties, tenants, and payments as the database grows without performance degradation.
NFR-7	Maintainability	Admins should be able to easily modify rules, workflows, and reports as requirements evolve.