

Project Design Phase-II

Solution Requirements (Functional & Nonfunctional)

Date: 06 NOVEMBER 2025

Team ID: NM2025TMID04855

Maximum Marks: 4 Marks

PROJECT NAME:LEASE MANAGEMENT SYSTEM

FR-2 Tenant Management	Management (with type, address, sq.ft, etc.) Register, update, and manage tenants with contact details and status (Stay/Leaving)
FR-3 Lease Management	Create and manage lease agreements with start and end dates
FR-4 Payment Management	Record and track payments for each tenant and lease
FR-5 Email Notifications	Send automated emails for payment reminders, confirmations, and lease events
FR-6 Approval Process	Implement approval workflow for tenant leave requests
FR-7 Validation Rules	Ensure lease end date is greater than start date; prevent invalid data entry
FR-8 Automation (Flows & Triggers)	Automate monthly payment reminders and prevent duplicate tenant-property assignments

FUNCTIONAL REQUIREMENT

Functional Sub Requirement (Story / Sub-Task)

No. Requirement (Epic) Property Create, update, and delete property records FR-I

NON-FUNCTIONAL REQUIREMENT

NFR - Non-Functional

No.	Requirement	Description
NFR-		
1	Usability	The interface (Lightning App) should be intuitive and easy to use for admins and property managers.
NFR-		
2	Security	Only authorized users can view or modify lease and tenant data; sensitive data must be secured.
NFR-		
3	Reliability	The system must accurately track leases, payments, and approval status without data loss.
NFR-		
4	Performance	All operations (record creation, email automation, validations) must execute without noticeable delay.
NFR- Availability		
5		The system should be accessible to users at all times to manage leases and payments.
NFR-		
6	Scalability	The system must support an increasing number of properties, tenants, and payments without performance degradation.
NFR-		
7	Maintainability	All components (objects, flows, triggers) should be easy to update and extend for future enhancements.