

## SOLUTION REQUIREMENTS

Date	24 June 2025
Team ID	LTVIP2025TMID31361
Project Name	Lease Management

Solution Requirements are of two types:

1. Functional Requirements
2. Non-Functional Requirements

### Functional Requirements:

FR No:	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Property Management	Add/Edit/Delete Property Add Fields: Name, Address, Type, Sqft
FR-2	Tenant Management	Register New Tenant (Name, Email, Phone, Status) Link Tenant to Property
FR-3	Lease Management	Create Lease (Start Date, End Date) Validate End Date > Start Date
FR-4	Payment Management	Record Payment (Amount, Date, Status: Paid/Not Paid) Auto-send confirmation email on payment
FR-5	Lease approval process	Submit Leave Request Admin Approves/Rejects Leave Email Sent Based on Approval Outcome
FR-6	Notification&Automation	Send Monthly Rent Reminder (1st of Month via Scheduler) Trigger Payment Confirmation Email via Flow
FR-7	Validation&Restriction	Trigger to restrict multiple tenants per property

### Non-Functional Requirements:

NFR No:	Non functional requirement	Description
NFR 1	Usability	The system must be easy to navigate with organized Lightning App tabs.
NFR 2	Security	Only authenticated users (e.g., Admin) can create or modify records.
NFR 3	Reliability	System must maintain consistent performance and prevent data duplication.
NFR 4	Performance	The system should respond to actions (e.g., form submissions) within 2 seconds.
NFR 5	Availability	The system should be available 24/7 with minimal downtime in Developer Org.
NFR 6	Scalability	The solution must handle addition of new tenants, properties, and leases easily.