

## Project Design Phase-II

### Solution Requirements (Functional & Non-functional)

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

#### Functional Requirements:

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

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

<b>FR No.</b>	<b>Functional Requirement (Epic)</b>	<b>Sub Requirement (Story / Sub-Task)</b>
<b>FR-7</b>	<b>Dashboard Visualization</b>	Display visual dashboards for rent collection, occupancy, and lease trends.
<b>FR-8</b>	<b>Automation and Validation</b>	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.

<b>NFR No.</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
<b>NFR-1</b>	<b>Usability</b>	The interface should be user-friendly, allowing admins and managers to easily navigate lease records.
<b>NFR-2</b>	<b>Security</b>	Only authorized Salesforce users (e.g., Admins, Property Managers) can create, update, or delete lease data.
<b>NFR-3</b>	<b>Reliability</b>	The system must consistently track and store all lease and payment data without data loss.
<b>NFR-4</b>	<b>Performance</b>	All automation (renewal alerts, payment reminders) must execute instantly without delay.
<b>NFR-5</b>	<b>Availability</b>	The solution should be available 24/7 on the Salesforce Cloud for anytime access.
<b>NFR-6</b>	<b>Scalability</b>	The system should support additional properties, tenants, and lease records as the business grows.
<b>NFR-7</b>	<b>Maintainability</b>	The application should be easy to update with minimal downtime or reconfiguration.