# Project Design Phase-II
## Solution Requirements (Functional & Non-functional)

| Date | 30 october 2025 |
|---|---|
| Team ID | 2F2CA610622DBCB9AF44E9641A0CB552 |
| Project Name | LEASE MANAGEMENT |
| 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 Registration | Admin can add new properties for lease. Admin can update or remove property details. |
| FR-2 | Tenant Registration | Tenant can register using an online form. Tenant can verify email and profile. |
| FR-3 | Lease Agreement Creation | Admin can create a new lease agreement. Agreement includes start date, end date, rent amount, and terms. |
| FR-4 | Payment Management | System allows tenants to make monthly rent payments online. Generates payment receipts automatically. |
| FR-5 | Lease Renewal & Termination | Admin can renew or terminate a lease agreement. System sends notifications to tenants before lease expiry. |
| FR-6 | Report Generation | Admin can view reports of active leases, payment history, and expired agreements. |

**Non-functional Requirements:**

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

| FR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | Usability | The interface should be simple for the admin to use. |
| NFR-2 | Security | Only authorized users (admins) can delete users. |
| NFR-3 | Reliability | The system must always check assignments correctly before deletion. |
| NFR-4 | Performance | The check must happen quickly without delay. |
| NFR-5 | Availability | The system should be available whenever admin wants to manage users. |
| NFR-6 | Scalability | The system should handle more users and incidents as it grows without slowing down. |