Requirement Analysis

Solution Requirement

Date	02 November 2025
Team ID	NM2025TMID04536
Project Name	Lease Management
Maximum Marks	2 Marks

Solution Requirement

The **Lease Management System** requires a combination of functional and non-functional features to achieve full automation and user satisfaction.

Functional Requirements:

1. Ability to add, edit, and delete property and tenant details.
2. Create and manage lease records with automatic start and end date validation.
3. Generate reminders for lease renewals and rent payments.
4. Enable automated email communication for approvals, rejections, and payments.
5. Support an approval process for checking vacant properties.
6. Maintain relationships between objects through lookup fields (Property ↔ Tenant ↔ Lease).
7. Provide dashboards and reports for monitoring lease performance.

Non-Functional Requirements:

1. **Scalability** – The system should support multiple properties and tenants.
2. **Security** – Only authorized users should access or modify records.
3. **Performance** – Quick response to data queries and reports.
4. **Reliability** – Data must remain consistent even during workflow automation.
5. **Usability** – A user-friendly Lightning interface for both admins and tenants.