

Project Design Phase – Requirement Analysis & Data Flow Diagram

Date	03 November 2025
Team ID	NM2025TMID03205
Project Name	Lease Management
Maximum Marks	2 Marks

Requirement Analysis

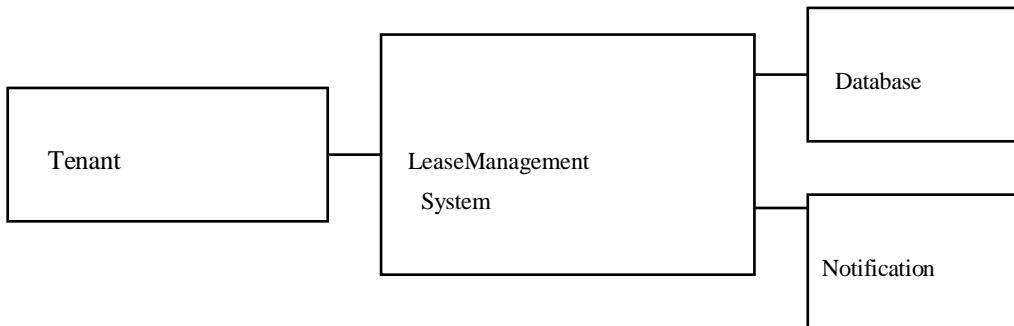
The Lease Management System aims to automate lease tracking, reminders, rent payment monitoring, and secured document storage. It improves communication between tenants and property owners.

Functional Requirements

ID	Requirement
FR1	Tenant registration & lease entry
FR2	Upload & store lease agreements
FR3	Automated rent & renewal reminders
FR4	Payment tracking & status update
FR5	Tenant & owner dashboard access

Data Flow Diagram (Level 0)

The DFD illustrates data flow between tenant, lease system, database, and notification module.



This diagram shows the tenant submitting lease data, the system processing & storing it in the database, and generating reminders via notification service.