

Project Design Phase

Solution Architecture

Goal Architecture:

Centralize all lease and tenant data

Automate reminders and payment tracking

Ensure secure and scalable system performance.

Key Points:

Centralized lease, tenant, and property data

Automated rent reminders and lease expiry alert

Real-time tracking of payments and renewals

Secure access with role-based permission

Easy document storage and retrieval

Development Phases:

Requirement Gathering

System Design

Development / Coding

Testing & Quality Check

Deployment

Maintenance & Updates

Solution Architecture Description

The solution architecture of the Lease Management System is structured as a multi-layered design that ensures smooth operation, scalability, and secure data handling. At the user interface layer, tenants, property owners, and managers access the system through a clean and responsive web or mobile application. This layer communicates with the application layer, where all core business logic is processed—including lease creation, rent tracking, reminders, tenant management, and document handling.

Example Solution Architecture



