

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 dat
- 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



