Project Design Phase
Solution Architecture

Date	27-06-2025
Team ID	LTVIP2025TMID52522
Project Name	DocSpot: Seamless Appointment Booking for Health
Maximum Marks	4 Marks

Solution Architecture:

To provide a user-friendly, secure, and scalable healthcare appointment booking system that bridges the gap between patients and healthcare providers.

- Effortless Appointment Booking

- End-to-End Patient Management

- Scalable user authentication and authorization

- Secure and trackable payment transactions

- Reliable real-time chat and notifications

Example - Solution Architecture Diagram:

Solution Architecture

DocSpot: Seamless Appointment Booking for Health

Patient

Heithcare Provider

Data Storage

Dasasase

Presentation

Frontend

Backend API

Authentication

Real-Time Communication

Database

Automation

Payment Integration

DB

Deployment

CI/CD