

DocSync: Telemedicine Platform

Presented By :

Muhammad Tausif Ul Islam
Rafid Ahmed
Muntasir Hossain





Motivation

- *Healthcare still relies on traditional, physical appointments.*
- *Long waiting times and travel inefficiencies hinder patients.*
- *DocSync aims to solve these issues with a telemedicine platform, allowing online consultations for quicker and efficient care.*

System Design

- *Patient App*
- *Doctor App*
- *Admin Web Portal*
- *Backend Server*
- *AI Engine.*



Patient App Features



- **Registration**
- **AI Symptom Analysis**
- **Doctor Search & Booking, Consultation Management**
- **Health Records**
- **Prescriptions.**
- **Subscriptions**

Doctor App Features

- **Doctor Profile**
- **Consultation Scheduling**
- **Prescription Management**





Admin Features

- ***User & Doctor Management***
- ***Consultation Monitoring***
- ***Analytics & Reporting, Payment Management.***

Technologies Used

- *Flutter for app development*
- *Supabase Backend*
- *AI engine Gemini 2.5*
- *Agora API for video consultation*
- *GitHub for version control*
- *VS code for tooling*



Future Planning

- A *pharmacy system where users can browse and purchase medicines online which can be delivered to an address*
- *Notification system*



Thank You

