AM Hacks

Track : Open Innovation in Health

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Problem Statement

Patients often struggle with accessing essential healthcare services due to a lack of real-time information on hospital facilities, bed availability, and medical resources. They face inconvenience in booking appointments, leading to long wait times and multiple visits. Additionally, the unavailability of prescribed medicines further disrupts treatment.

Hospital Bed Shortage: India has only 1.3 hospital beds per 1,000 people, far below the WHO-recommended 3.5 per 1,000—leading to a shortfall of 2.4 million hospital beds.

Medicine Shortages: Patients in rural areas often travel long distances to access essential medicines, with many pharmacies facing irregular stock availability.

Introducing Care360

Your one-stop solution for seamless healthcare access

OUR SOLUTION
is an app/web page with the following features:

Integrated Hospital Connectivity- A centralized platform that collaborates with multiple hospitals.

Online Appointment Booking – Patients can book their appointments online without hassle of long wait times.

Facility & Service Discovery – Users can check which hospitals offer specific treatments, specialties and services.

Real-time Bed Availability – Live tracking of ICU, emergency, and general beds. Helps emergency patients find hospitals with available beds quickly.

Medicine Availability Tracking – Patients can check which hospitals/pharmacies have required medicines.
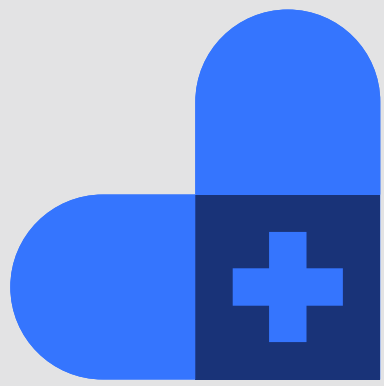
Integrated e-Pharmacy – Buy medicines online with doorstep delivery.

Competitive Analysis

Feature	Our Solution	Other Platforms
Real-time Bed Availability	✅ Yes	❌ No
Hospital & Service Discovery	✅ Yes	❌ Limited
Smart Filters for Search	✅ Yes	❌ Limited
Medicine Availability Check	✅ Yes	❌ No
Online e-Pharmacy Integration	✅ Yes	❌ Limited
Hospital Direct Collaboration	✅ Yes	❌ No

How our solution is unique

TECHNOLOGIES TO BE USED

Web app
Frontend Development:
HTML – Structuring the web pages.
CSS – Styling and enhancing visual design.
JavaScript – Adding interactivity and dynamic functionality.
UI/UX Design & Prototyping:
Figma – Wireframing, prototyping, and UI/UX design.

For Mobile App:
Flutter

Implementation Plan

1. Designing a figma prototype on how the app/web page will look like
2. Developing the Web Page (Frontend First) using tech stack, mentioned in slide no 4.
3. Building the Mobile App using flutter.
4. Collaboration with Hospitals First.
5. Expanding to Patients.

Bussiness Model

1. **Free Model : Provides basic features like hospital search based on services, specialty, and location and online appointment booking free for patients.**

2. **Premium Model (For Patients) : Affordable Subscription for Value Added Services Live Bed tracking, medicine stock check .**

3. **Hospital subscription plans (For Healthcare Providers) : Hospitals pay a monthly or annual subscription to get listed and receive real-time patient data insights.**

Future Scope

1. AI recommendations of best nearby hospitals with the best facilities.
2. Voice enabled healthcare assistance.
3. Collaboration with Major Government Hospitals (e.g., AIIMS, PGIMER, etc.)
4. Multi Lingual Support for people from diverse backgrounds.
5. Online appointments with doctors for patients who can't visit hospitals.