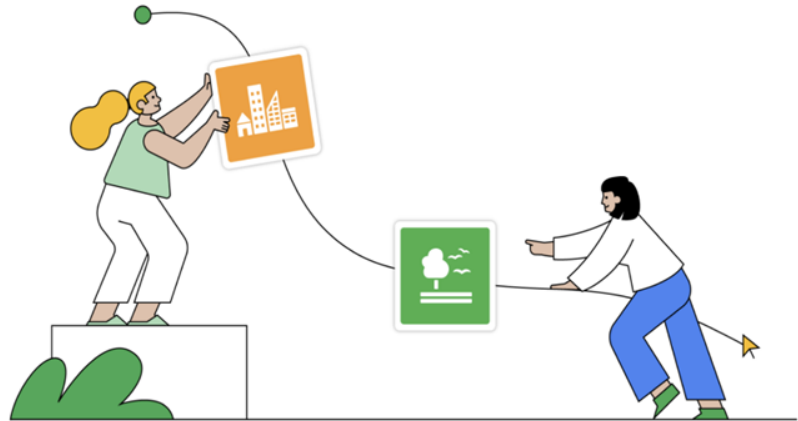**Solution Challenge**

Team Details

   a. **Team name:** *PEAK PERFORMERS*

   b. **Team leader name:** *THEJASHRI THINAKARAN*

   c. **Problem Statement:** *GOOD HEALTH AND WELLBEING*

Brief about your solution

- *WELLNESS* is a comprehensive digital healthcare platform designed to streamline medical access and enhance patient outcomes. The app offers flexible virtual consultations, allowing users to connect with licensed doctors via chat, voice, or video calls, ensuring care aligns with their schedules. Integrated with local pharmacies, it enables seamless prescription ordering and doorstep delivery, eliminating logistical hassles. Secure in-app payments and a dedicated cloud storage feature empower users to manage medical records and transactions safely. By prioritizing convenience and reliability, *WELLNESS* bridges the gap between modern technology and personalized healthcare, fostering proactive health management.

- The platform includes an exhaustive medication database, detailing formulas, uses, side effects, and brand alternatives for informed decision-making. Its AI-powered chatbot provides 24/7 guidance, helping users navigate features, schedule appointments, or resolve queries instantly. A centralized hub for uploading and organizing medical reports ensures critical health data remains accessible yet confidential. Combining innovation with user-centric design, WELLNESS redefines healthcare accessibility—empowering individuals to monitor treatments, track progress, and prioritize wellness efficiently. This holistic approach aims to elevate care quality while reducing barriers to essential medical services.

Solution Challenge

Opportunities

a. How different is it from any of the other existing ideas?

Feature	Existing Solutions	WELLNESS
Global Reach	Limited to local/regional doctors (e.g., **Practo**, **Amwell**).	Connects users to global specialists for diverse expertise and timely care.
Medication Guide	Basic or absent (**Teladoc** focuses only on consultations).	A-Z medication database with formula, uses, side effects, and brand alternatives.
Records Management	Manual filing or fragmented third-party storage.	Centralized, secure cloud drive to store, organize, and access medical documents instantly.
Consultation Modes	Primarily video-only (e.g., **Teladoc**, **Amwell**).	Multi-channel flexibility: video, voice, messaging, and hybrid in-person coordination.
Payment Systems	Relies on external third-party gateways, causing delays.	Unified in-app payment gateway for fast, secure, and seamless transactions.
Medicine Delivery	Rarely integrated; users must visit pharmacies.	AI-driven prescription delivery from partnered pharmacies to doorstep.
User Support	Limited human assistance or basic FAQs.	24/7 AI chatbot for instant navigation, scheduling, and query resolution.

b. How will it be able to solve the problem?

- ✓ *Global Accessibility*: Virtual consultations eliminate geographic limitations, enabling patients to connect with leading medical specialists worldwide.

- ✓ *Unified Care Platform*: A centralized hub consolidates appointments, prescriptions, records, and pharmacy orders, streamlining healthcare management.

- ✓ *Streamlined Payment Solutions*: Integrated in-app billing simplifies transactions, reducing complexity and delays associated with third-party systems.

- ✓ *Prescription Education*: The A-Z medication guide empowers users with detailed insights into formulas, usage guidelines, and brand alternatives.

- ✓ *Secure Document Storage*: A dedicated cloud drive ensures medical records are securely archived, minimizing risks of loss or unauthorized access.

- ✓ *Pharmacy Integration*: Direct coordination with local pharmacies guarantees rapid fulfillment of prescriptions, enhancing treatment adherence.

- ✓ *AI-Driven Assistance*: A 24/7 intelligent chatbot guides users through app features, appointment scheduling, and query resolution, elevating self-service efficiency.

- ✓ *Holistic User Experience*: By unifying these innovations, WELLNESS delivers a seamless, patient-centric ecosystem that prioritizes convenience, education, and care continuity.

c. USP of the proposed solution ?

Global Care Accessibility: A single platform for virtual consultations, in-person appointments, medication guidance, and online pharmacy integration, eliminating geographic barriers.

Worldwide Specialist Network: Direct access to a global network of medical professionals, ensuring diverse expertise and timely interventions.

Prescription Transparency: Comprehensive medication guide with formula details, usage protocols, and brand alternatives to empower informed decisions.

Seamless Payment Integration: Native in-app payment system for secure, frictionless transactions, bypassing third-party inefficiencies.

Secure Document Archiving: Dedicated cloud storage to safeguard medical records, reducing risks of loss, damage, or unauthorized access.

Intuitive User Experience: Streamlined interface designed for effortless navigation by patients and providers, prioritizing accessibility and efficiency.

24/7 AI-Driven Support: Intelligent chatbot for real-time app navigation, appointment scheduling, and instant query resolution—unlike competitors reliant on basic FAQs.

End-to-End Pharmacy Coordination: Direct integration with local pharmacies for rapid prescription fulfillment, enhancing treatment adherence and convenience.

List of features offered by the solution

❑ **Virtual Appointment Scheduling** – Book global consultations with preferred doctors via chat, voice, or video call, with integrated online payment for seamless access.

❑ **Direct Visit Appointments**– Arrange in-person consultations with local healthcare providers based on availability and convenience.

❑ **Medication Guide (A-Z)** – Detailed insights into prescriptions, including uses, dosages, side effects, and brand alternatives for informed decision-making.

❑ **Personal Medical Records Storage**– Securely upload, organize, and retrieve medical documents in a HIPAA-compliant cloud drive, eliminating loss risks.

❑ **Integrated Payment System** – Fast, encrypted transactions for consultations and services, bypassing third-party gateways.

❑ **User-Friendly Interface** – Intuitive design ensures effortless navigation for patients and providers.

❑ **AI-Powered Virtual Assistant** – 24/7 chatbot offers instant guidance for app exploration, appointment booking, and query resolution, enhancing user autonomy.

❑ **Doctor Search & Selection** – Browse verified profiles, specialties, patient reviews, and availability to choose the ideal healthcare provider.

❑ **Secure & Encrypted Data** – End-to-end encryption safeguards sensitive health records and financial transactions.
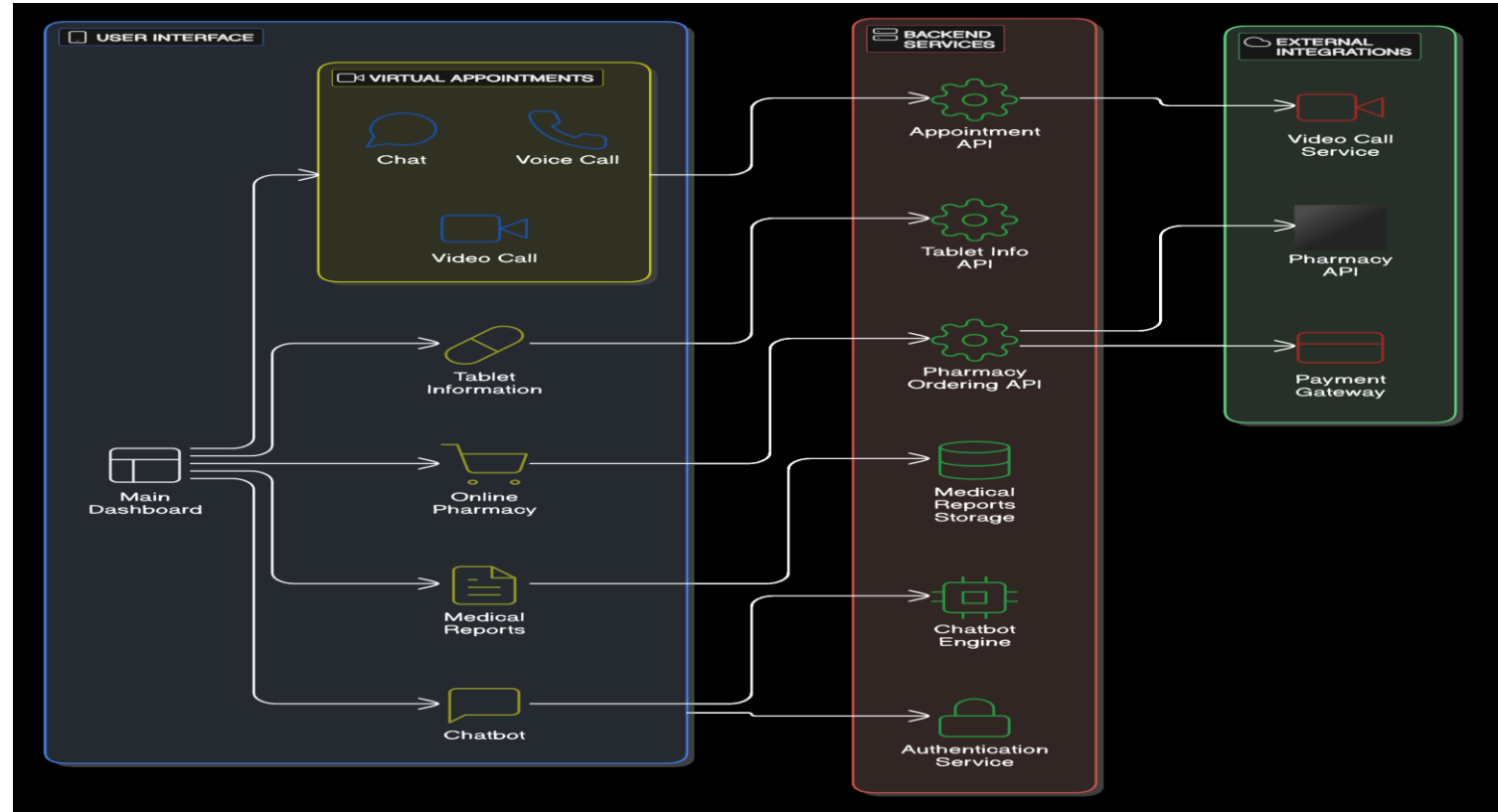
Solution Challenge

Process flow diagram or Use-case diagram

Wellness App Flowchart
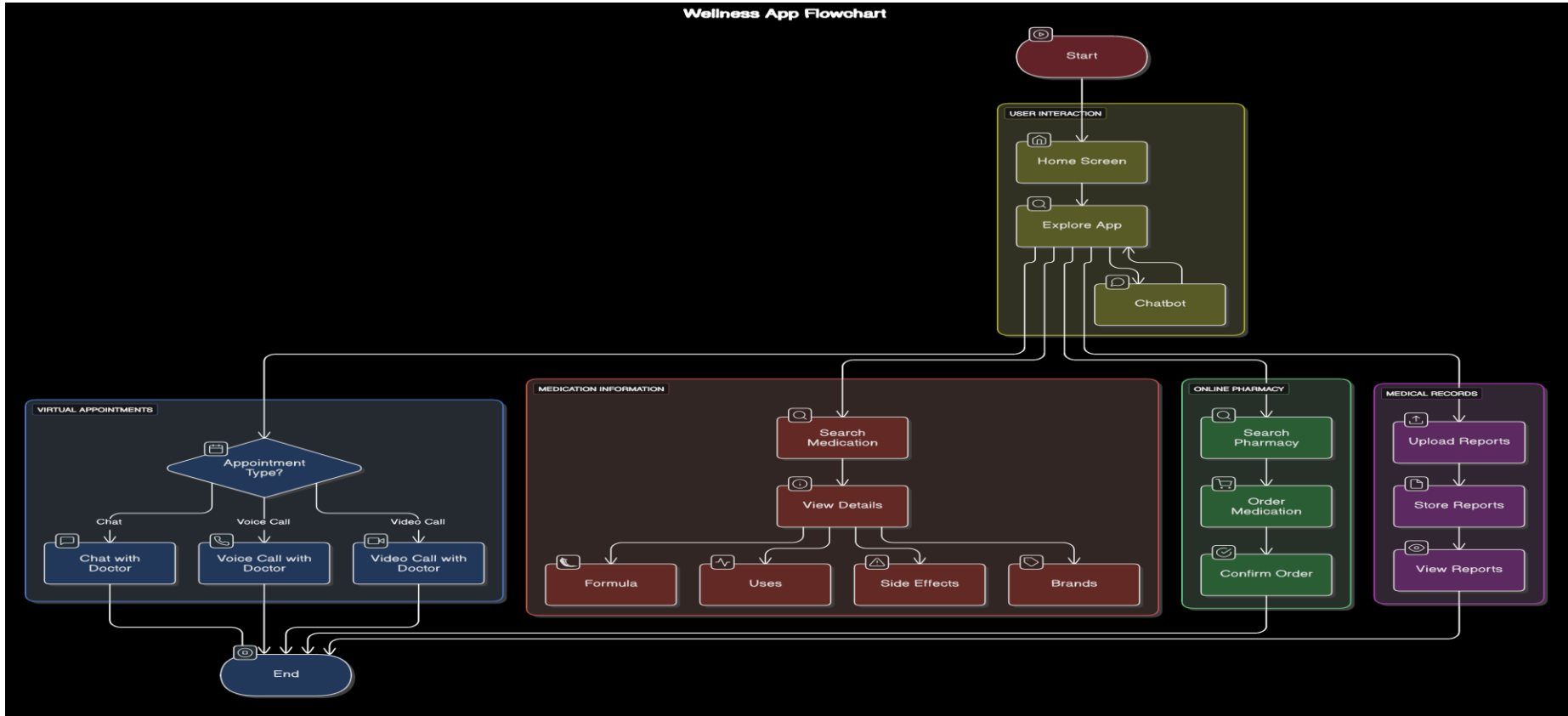
Wireframes/Mock diagrams of the proposed solution (optional)
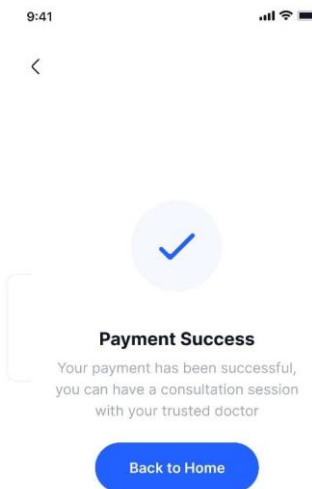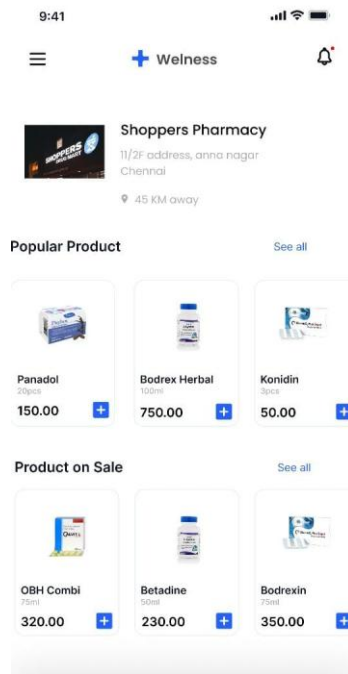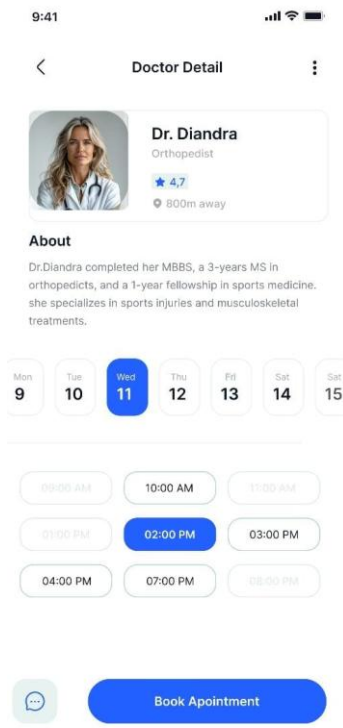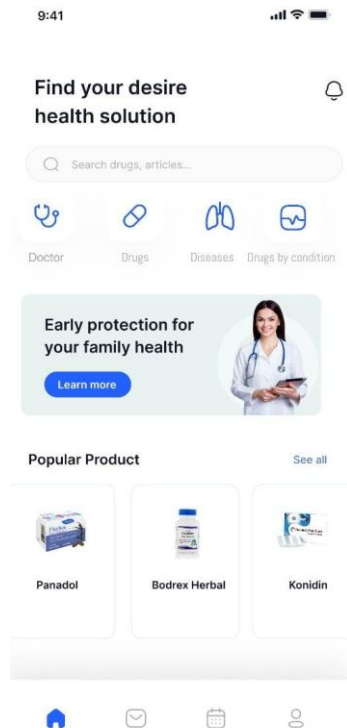
Architecture diagram of the proposed solution

Technologies to be used in the solution

Cross-Platform Framework: For Android and iOS mobile application unification, React Native or Flutter will be utilized.

Backend Framework: RESTful APIs with high security and scalability will be built using Node.js or Django.

Database: MySQL, PostgreSQL, or MongoDB will be used for high-level data storage.

Real-Time Communication: Audio and video consultations will be handled using WebRTC or other third party APIs.

Payment Gateway: Online consultations will be charged using Razorpay, Stripe or other relevant services.

Cloud Storage: Medical files will be stored on AWS, Azure or Google Cloud to ensure privacy and availability.

Development Environment: Coding, testing, and deployment will be done in a collaborative environment. Use, project IDX.

Snapshots of the MVP
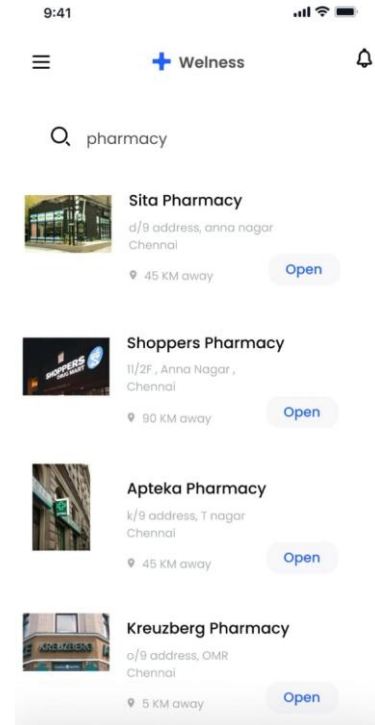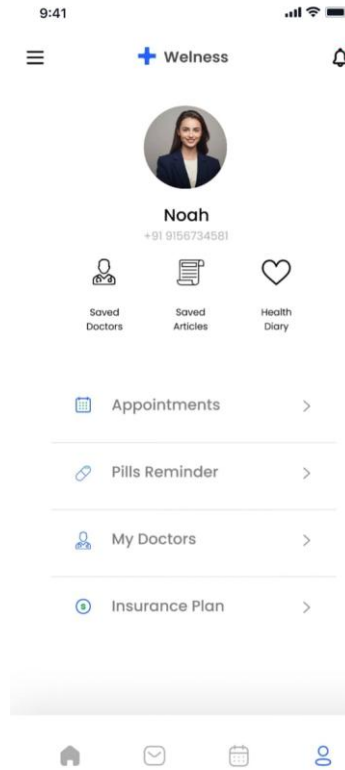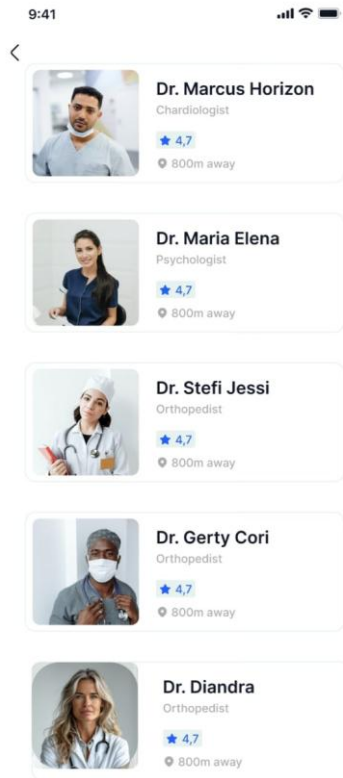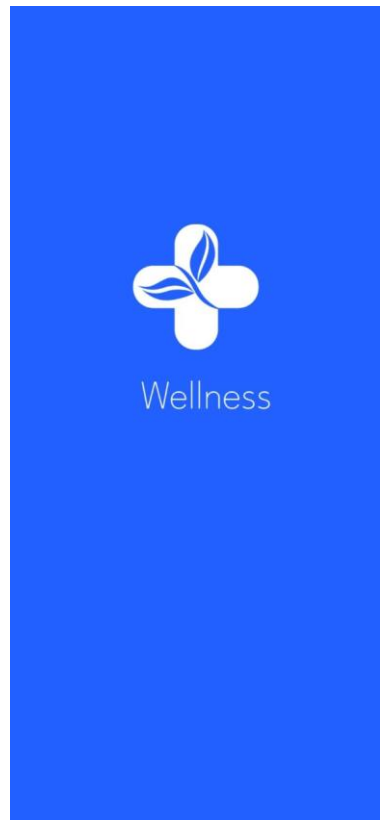
Additional Details/Future Development (if any)

Data Science Integration: Included high-level analytics in the analysis of users' medical histories and files.

Early Disease Prediction: Pinpoint risks to health and prognosticate health issues prior to their complete emergence.

Intelligent Reminders: Remind users to book specific tests or upload new results to ensure prompt and timely diagnosis and intervention.

Personalized Recommendations: Leverage machine learning algorithms to provide personalized healthcare information and treatment recommendations.

Proactive Healthcare Approach: Change the WELLNESS platform from a reactive to a proactive one that enables users to better monitor and improve their health through early identification and continuing care.

Provide links to your:

1. Demo Video Link (3 Minutes)
    https://youtube.com/shorts/gDxgLdBbEW0?feature=shared

2. MVP Link :
    https://www.figma.com/proto/Io82Z6zOLhvRZRpMIsB9B4/GDG?node-id=1-12&p=f&t=Y8xSVL6iMWAdibeW-1&scaling=scale-down&content-scaling=fixed&page-id=0%3A1&starting-point-node-id=1%3A6

By,
PEAK PERFORMERS:
THEJASHRI THINAKARAN
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GOPIKA RAJENDIRAN
ANISFATHIMA A