

# MEDICAL CHEXPERT

## ABOUT US

Our **standalone, multipurpose app** fills the gaps in the **medical industry** considering the various factors that affect the social and financial feasibility at present. Our app aims to serve **doctors** and **patients** through multiple features that make health consultancy more **viable** and **effective**. For doctors, it allows them to analyze **patients' reports** with ease and precision in prescription, and on the other hand, it lets the patients **track progress** on **analytical graphs** from the comfort of home.



## OUR LOGO

A heart-shaped logo intertwines 'M' and 'C' with **warm blue hues**, Where the **red plus sign** embodies the bridged gap in healthcare expertise.

## GOALS



Our project contributes to the **3rd SDG** by promoting access to **quality** healthcare services and **supporting well-being**.

Our app aligns with the **9th SDG** by promoting **innovation** as it fosters **inclusivity** and **sustainable industrialization** using **technology**.



Our project **strengthens** partnerships with **multiple hospitals** to **reinforce** the goal of **quality healthcare** and **resource mobilization**, thereby incorporating the **17th SDG**.



### 5- LAUNCH

Furthermore on **24th April** as we launched our app in the **beta testing phase** it was again tested by the doctors and patients which received **great appreciation**.



### 4- REAL TIME NFEEDBACK

On the **12th of April**, we conducted **additional surveys** to meet the **end-user requirements** for doctors and patients

### 1- INVESTIGATION

On the **25th of November**, we, the co-founders, came across the problem of an **inefficient doctor-patient relationship** where either the issue was misunderstood or took longer for clear communication.



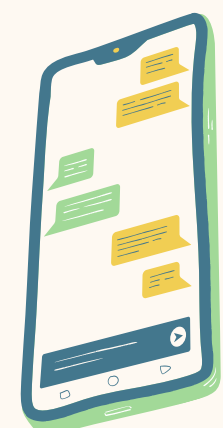
### 2- PLANNING

On the **12th of December**, we started plotting down the **plan of action**. To gain a deeper knowledge of the problem, we conducted **interviews** with some doctors at hospitals.

## OUR JOURNEY

### 3- DESIGN AND DEVELOPMENT

On the **7th of February**, we began to deeply understand the issue, we took **assistance** from **professionals** to help us start with the app development process.

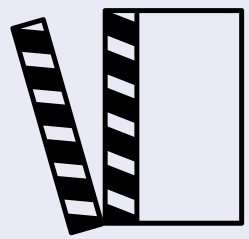
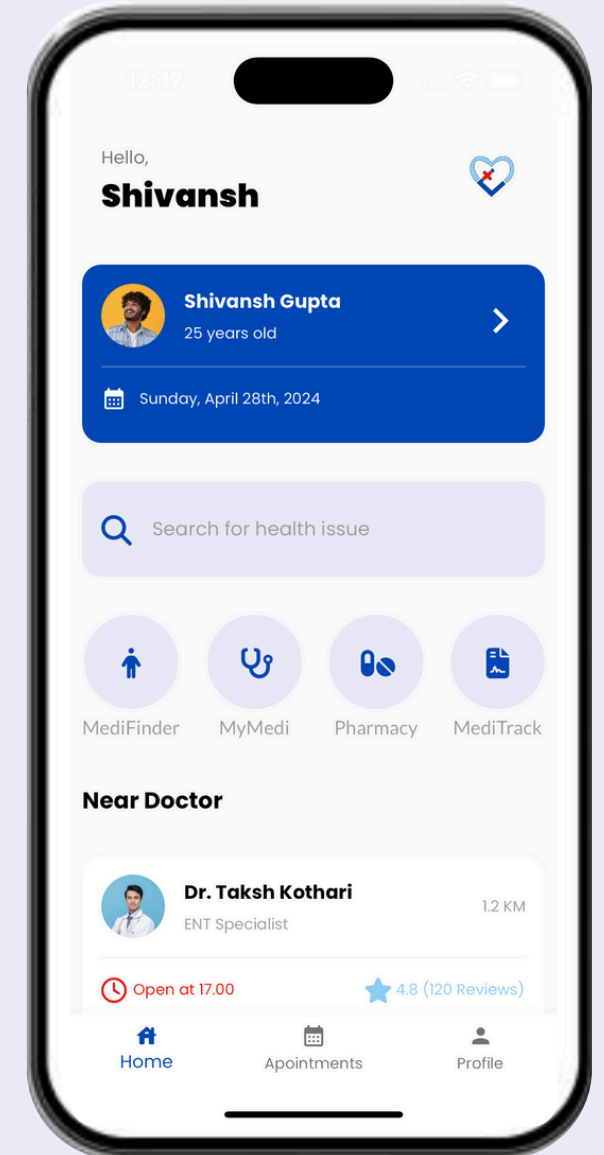


# ABOUT THE APP

Our app offers seamless features such as:

- **MediTrack:** A feature that allows patients to effortlessly **store** and **manage** their **medical records**, ensuring easy access whenever and wherever needed. Say goodbye to lost paperwork and hello to **convenience** for both patients and doctors.
- **MediFinder:** A **locator** using **real-time GPS technology** to connect patients with nearby healthcare facilities ensuring that they can access **medical assistance**.
- **MediPoint:** An **appointment system** that allows patients to view their **upcoming**, and **previous appointments** or book a **new appointment**.

With our **user-friendly** interface and advanced security features, your data is always **protected**.



## ACTIONS

### COLLECTING DATA

- To identify the **problem** and reach its depths we conducted **interviews** and **surveys** of people with different financial backgrounds to understand and provide a **solution** to all kinds of people in our society. Furthermore, we also contacted **doctors** to gain **medical insight** into the problems faced in **communities**.

### RAISE AWARENESS

- We organized **meetings** with **doctors** to **familiarize** them with our app. Additionally, to reach out to a larger audience we created an **Instagram** account with **100+ followers** to showcase our impact.

### APP DEVELOPMENT

- Our app was developed using **Flutter: dart** through **Android Studio**. **MySQL** was integrated to store information about patients and doctors.

## IMPACT



### WORK IN PROGRESS

To develop our app and spread awareness, we worked for **200+ hours** in total. We can proudly say that we developed the app with our very own **skillset** **without** any **funding**.



### NEWSPAPER



Our work was recognized by **4+ publishers** around the city. This was a direct result of our **social media involvement** and connecting with healthcare sectors.

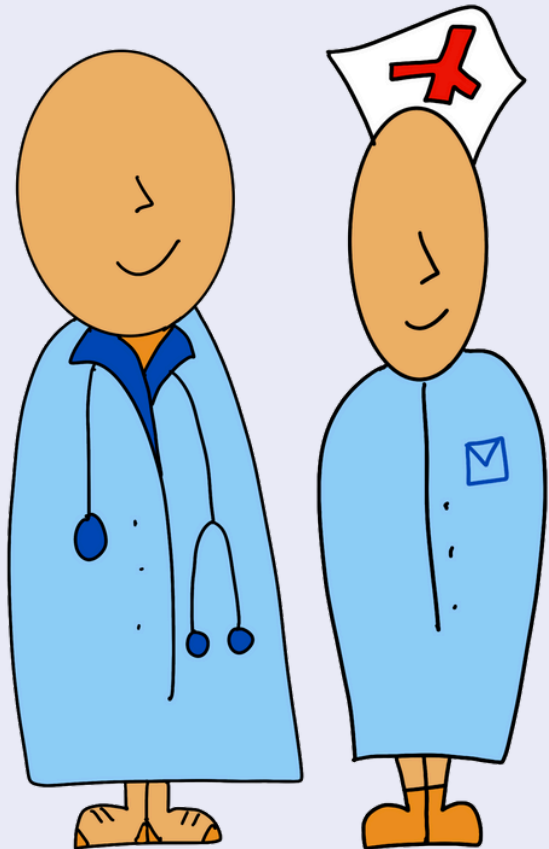
### COLLABORATIONS



After having **test runs** in the pilot phase, we collaborated with **5+ hospitals**, **3+ diagnostic centers**, and **2+ pharmacies** who agreed to be a part of our app.



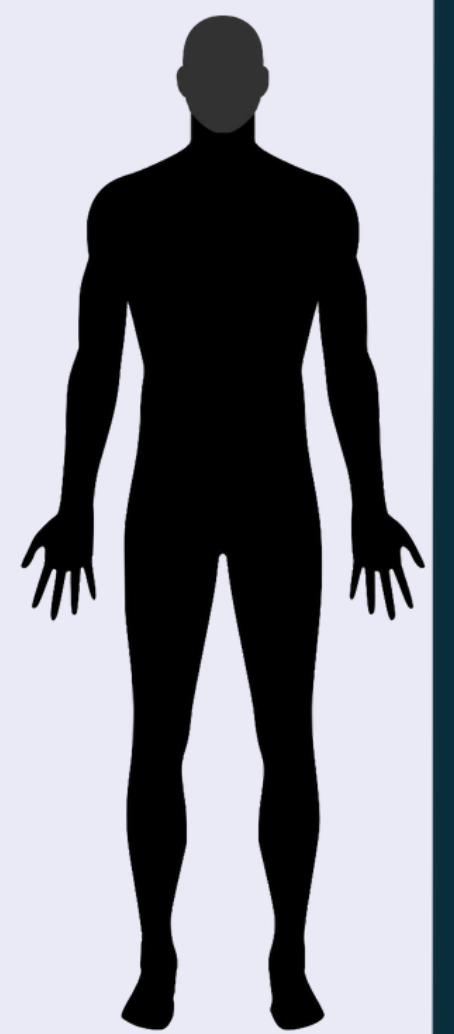
# LESSONS LEARNED



**Importance of User Feedback:** We learned that continuous **user feedback** is crucial for **refining** app features and usability. Engaging with both patients and doctors provided insights that significantly influenced our choices, highlighting the necessity of accommodating diverse needs and preferences to **enhance app functionality**.

**Teamwork & Confidence:** The biggest take-away from our GSL journey would be teamwork. We have done numerous projects in school but not at such a large scale. Hence, Through this experience, we learned to co-ordinate with each other as a team and value time.

**Interdisciplinary Collaboration:** The development of Medical CheXpert underscored the value of interdisciplinary teamwork. Combining skills from technology, healthcare, and business sectors facilitated a more holistic approach to app development. This collaboration enriched our understanding along with streamlining the app development process, proving that diverse perspectives can drive innovation and efficiency in project execution.



# FUTURE PLANS

- Looking ahead, **Medical CheXpert** plans to enhance its functionality by integrating a sophisticated **3D model** feature, allowing patients and doctors to **identify medical issues** with outstanding accuracy, this will also improve **patient engagement** by enabling them to **understand** their **health concerns** visually.
- We further plan on **integrating AI** to generate automated **daily tests** for patients, for **effective** and **accurate** responses therefore consuming **less time**.
- Additionally, since we are in the **beta-testing phase** of our app we plan to **launch** it soon on **App Store** and **Google Play**.
- Lastly, we would like to conduct more **surveys** and **interviews** to continuously improve our app.

# THE TEAM

**NAKSHATRA BHANDARI**

CO-FOUNDER  
IMPACT & ALIGNMENT EXPERT

**KANHAV SONKIYA**

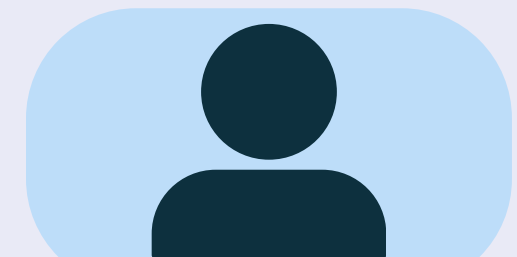
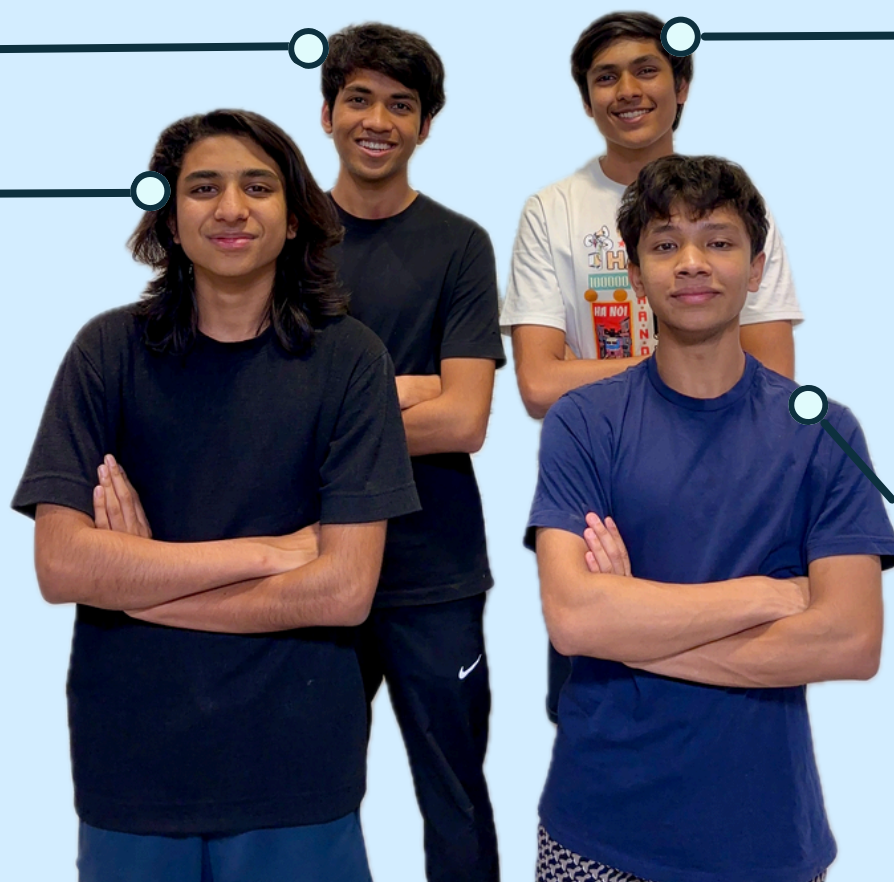
CO-FOUNDER  
SOCIAL MEDIA & RESEARCH EXPERT

**RISHABH JAIN**

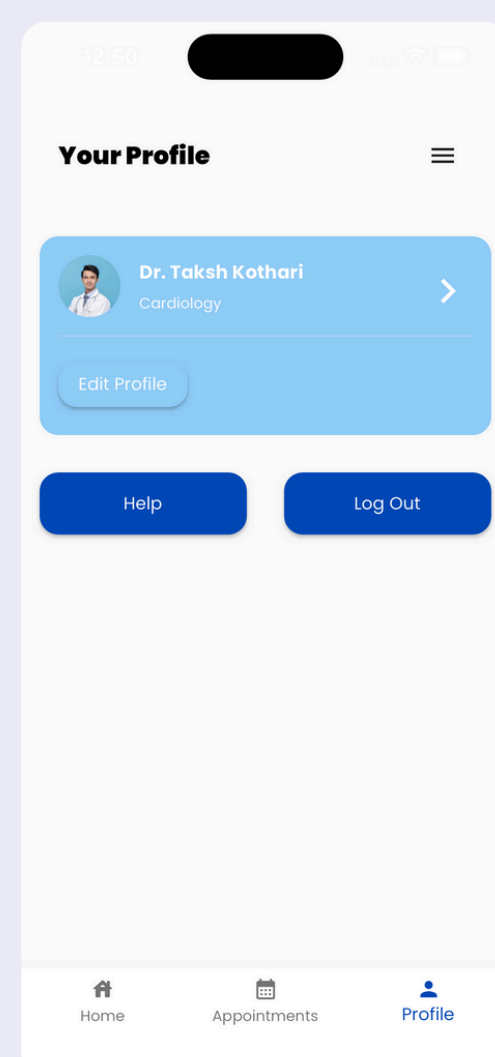
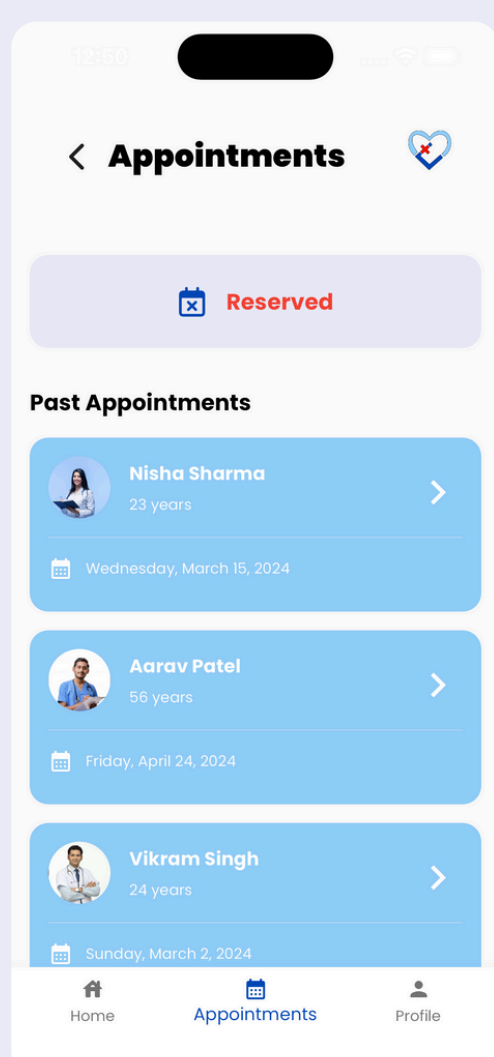
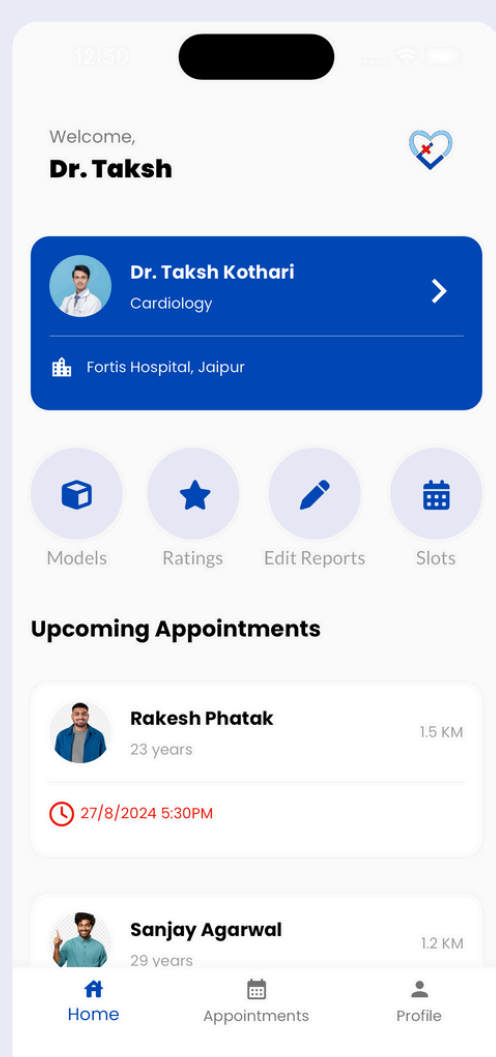
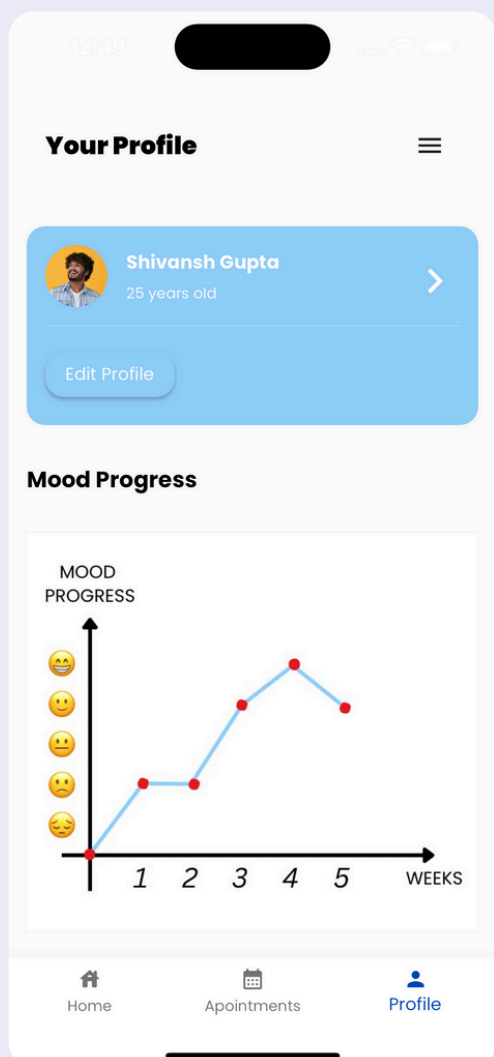
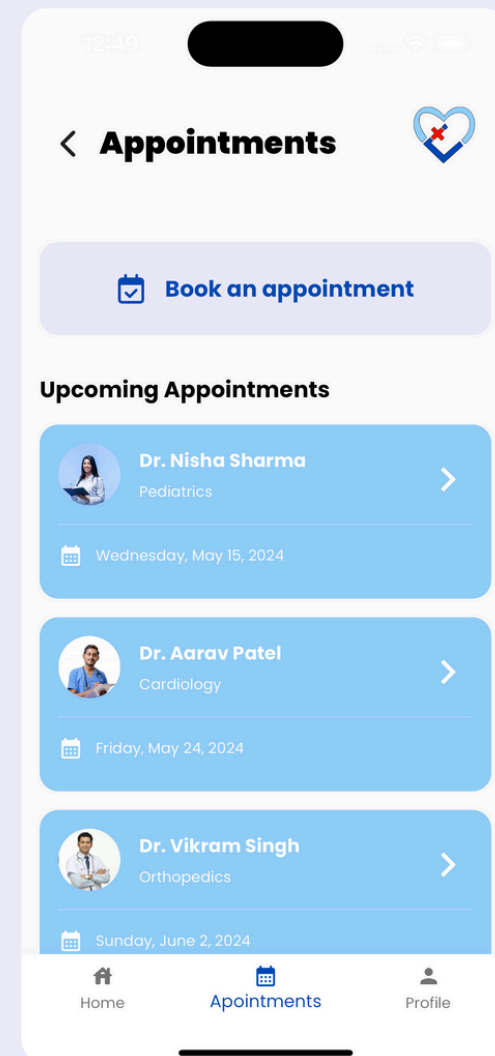
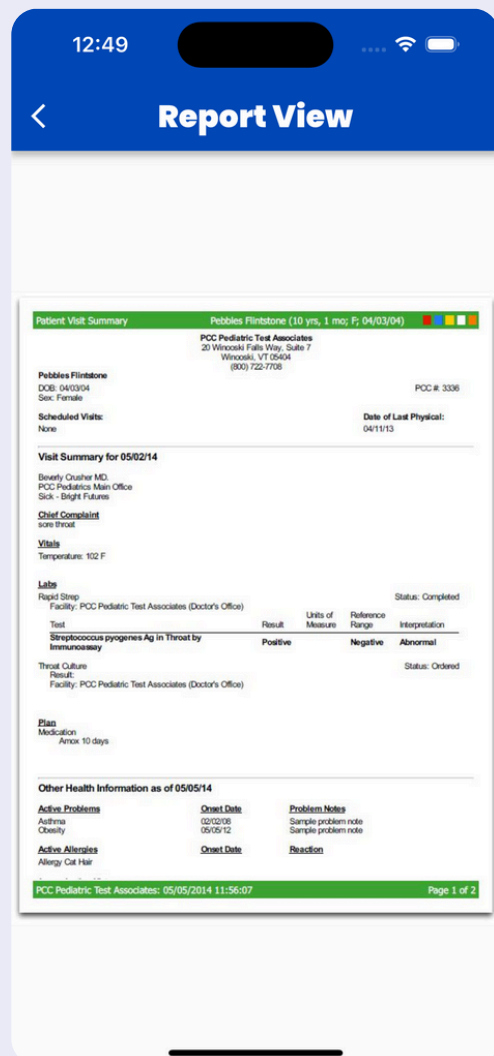
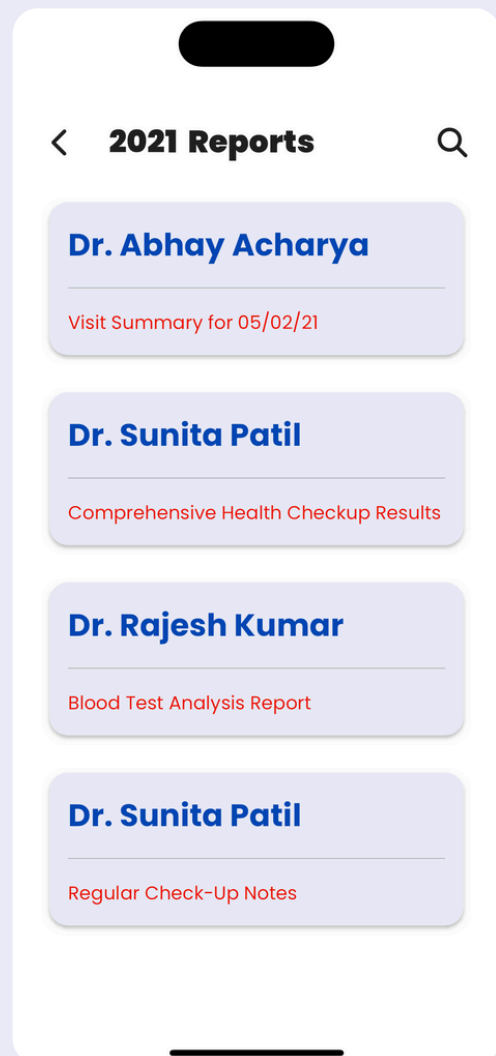
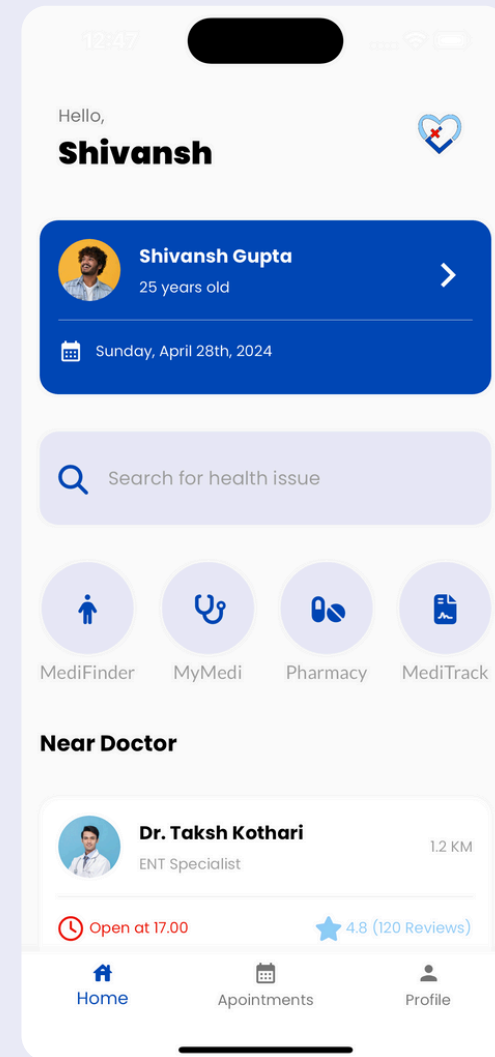
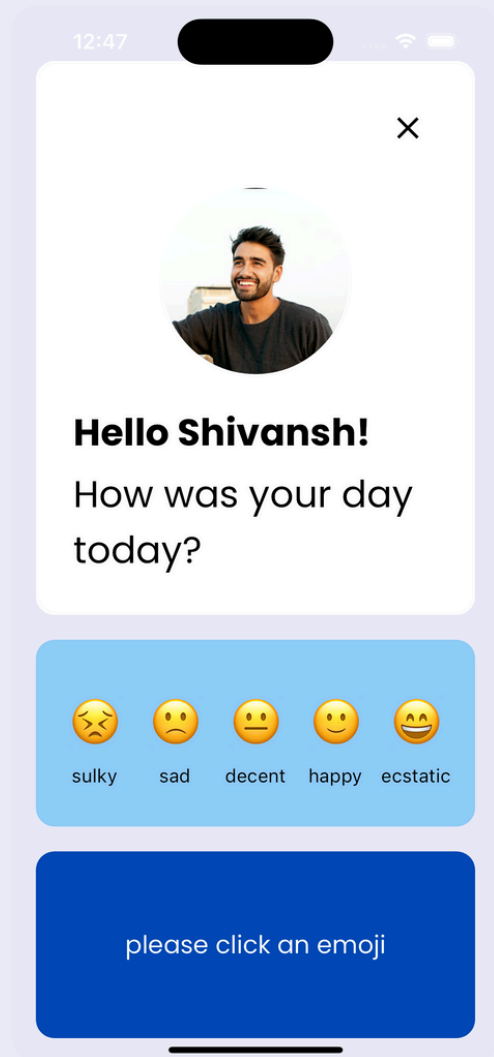
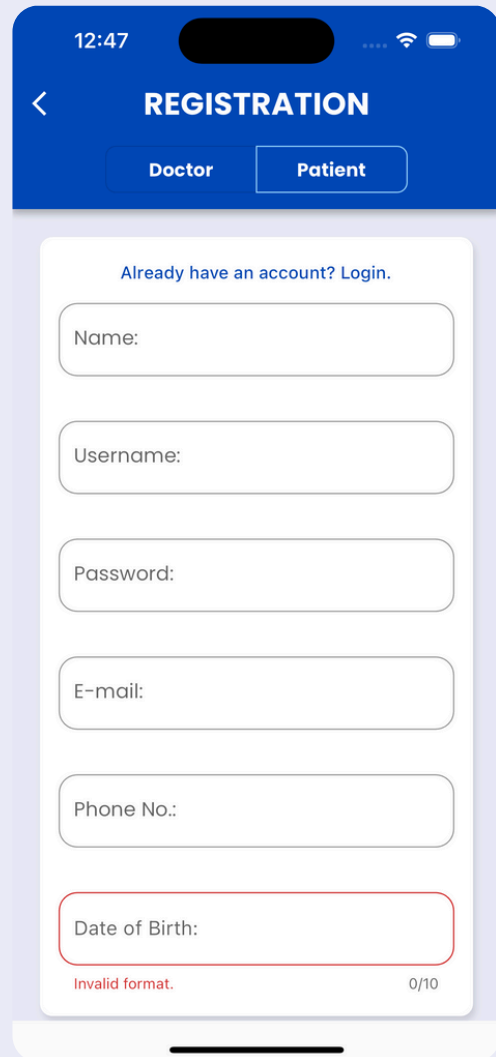
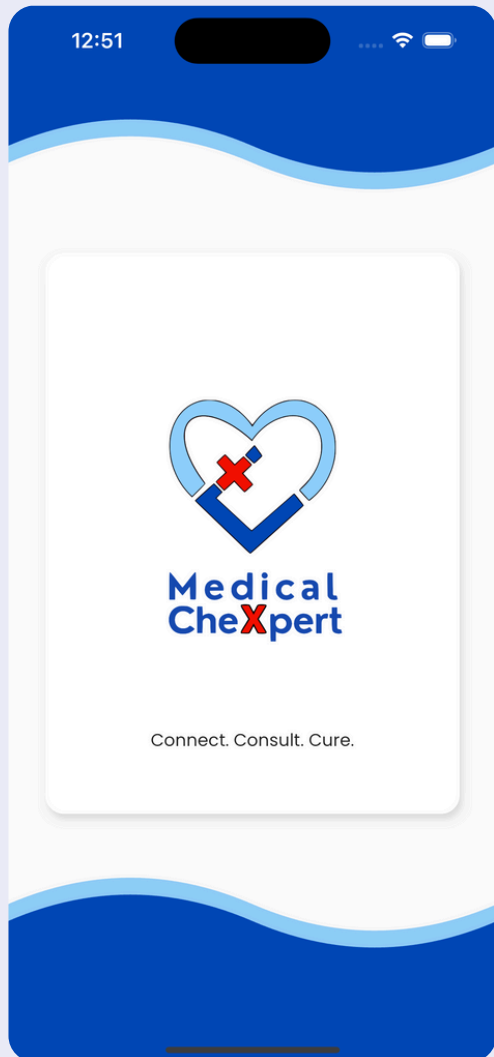
CO-FOUNDER  
UI/UX & DESIGN EXPERT

**DARSH CHAUDHARY**

CO-FOUNDER  
SOFTWARE & LOGISTICS EXPERT

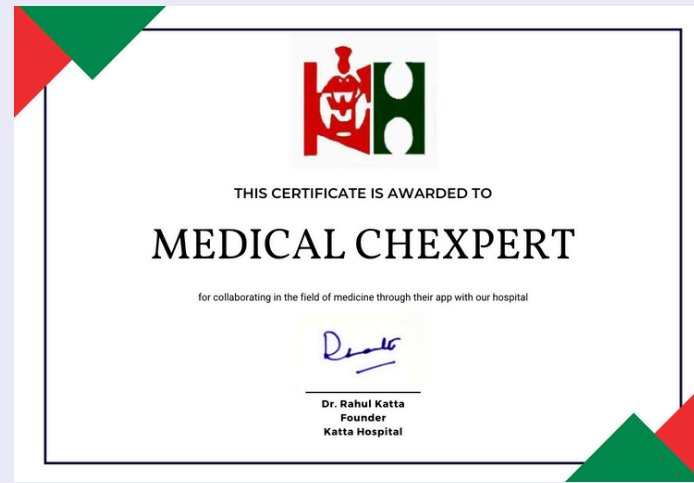
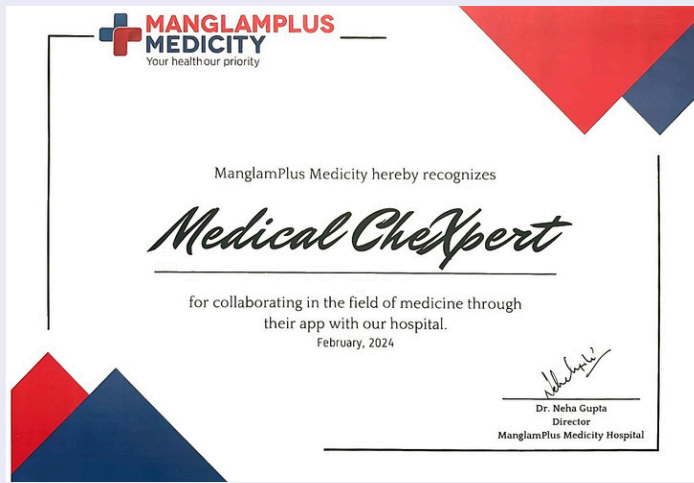


# OUR APP



# GALLERY

## RECOGNITION:



## HOSPITAL & PHARMACY VISITS:

