

INNOVATION IN HEALTHCARE

WeHealth



Prepared by:
Vidhika Jain & Palak Agrawal

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Technical Feasibility

Pulse Monitoring system

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Today's Discussion



Introduction

A single app for your overall wellness and X-rays detection system. You and your family deserve all-around care for your health & fitness. Bringing centralized patient-care system to your fingertips with latest technology and best features.

Physical | Mental | Psychological | Physiological

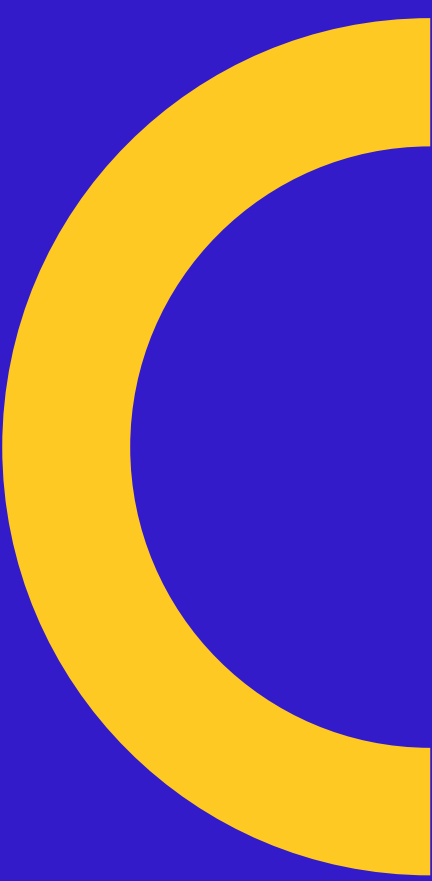
Problem

- Patients loose the track of their previous records.
- Measuring wellbeing- Physical, mental, emotional, metabolic, and fitness.
- Inaccurate assumptions of test results and x-rays.

Vs.

Solution



- Access to their previous records
- Track your overall well-being quotient (with family members)
- Machine generated accurate results







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Product overview



WeHealth allows an individual to closely monitor their changes in their vital signs such as body temperature, pulse rate and provide feedback, which helps an individual to maintain an optimal health status. There is extensive interest in using new technologies in-patient monitoring in various environments including hospitals and nursing homes. Due to wireless technology, it provides better treatments to patients though they are physically not present in the hospital. This will help users as well medical professionals to use AI in the field of medical for example detect covid infection in lungs through ML model and get fast and accurate results.





All about our product

KNOW YOUR HEALTH FROM YOUR PULSE

Upload test results, X-rays and check pulse from our app to get your overall health status on our app

MULTIPLE USERS

Check on your family members through collaboration

DETECT COVID THROUGH X-RAY

Get the accurate result of infection from our AI-based model

PERSONALIZED APPROACH

Get to know about your lab test result at your own convenience for better experience

TRACK YOUR HEALTH

Suggestions from experts on what to do next for your best

How it works?



Login & save your data



Record pulse through
fingertap and upload x-trays



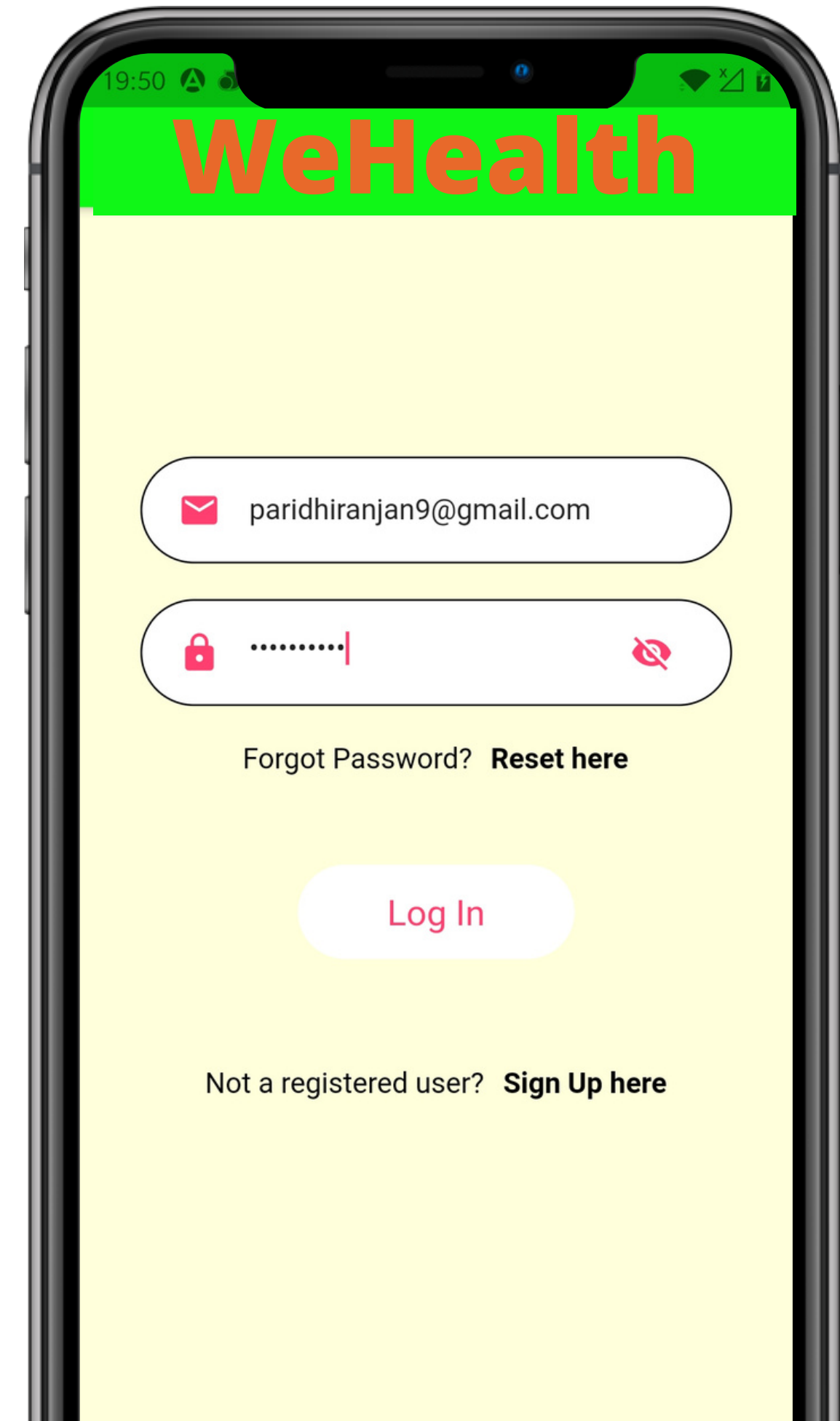
Get your personalized results



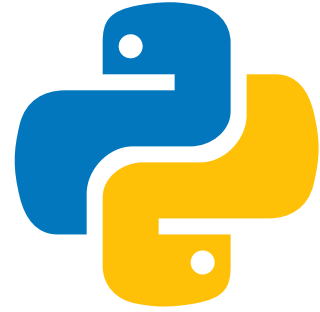
Consult doctor and get feedback



Track your wellness goals



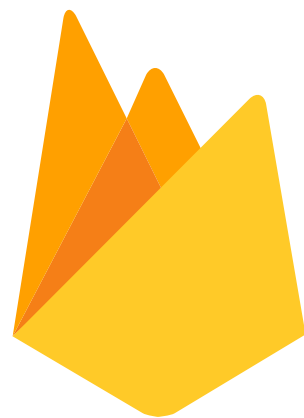
Technical feasibility



Machine learning -tensorflow



Android



Firebase

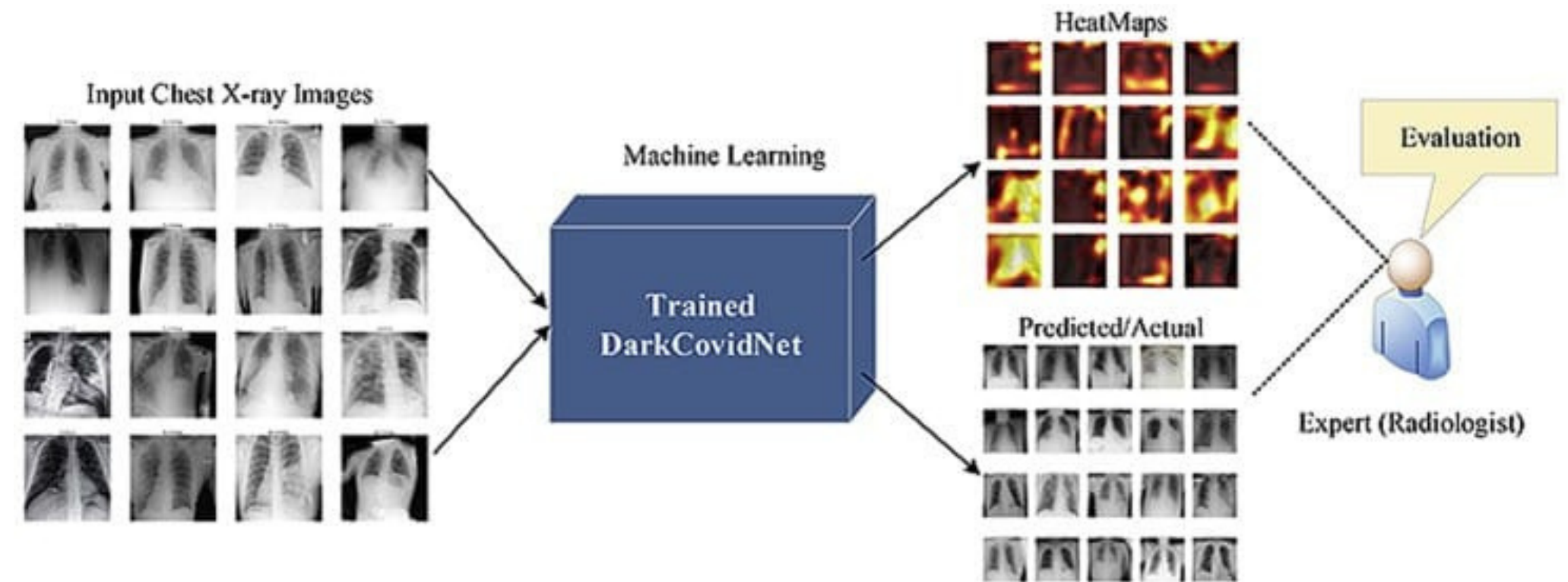
PULSE MONITOR SYSTEM

- Choose your goals
- Record pulse rate
- Get wehealth quotients and real-time insights
- Manage your daily activities
- Track your progress



DETECTION SYSTEM

A deep learning model is proposed for the automatic diagnosis of COVID-19. The proposed model has an end-to-end architecture without using any feature extraction methods, and it requires raw chest X-ray images to return the diagnosis.



COMPETITORS





Conclusion

It is an AI and ML-based app that can read your health status through measured pulse rate and can generate reports of overall mental, physical, and fitness health. With that, if any patient wants to store their data regarding previous health records, it allows them to save it. Users can scan and upload their prescription, lab test results, or X-ray results, and can compare it with the standardized results, and understand the ultimate damage percentage. They have the provision to consult with the doctors or physicians present online through the chatbot. For daily life healthy measures it allows tracking and guides for proper meditation, yoga, exercise, and diet. This app allows collaboration with other family members and can store data for a limit up to 4 family members.

