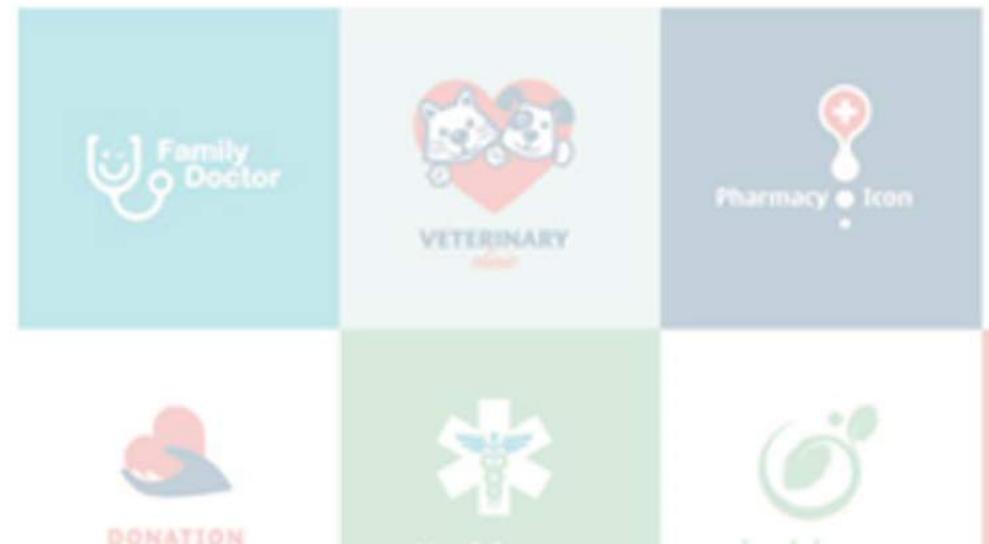# PITCH DECK

PULSEPAL

HEALTH MANAGEMENT DAPP USING WEB 5.0

INTRODUCTION

PULSEPAL is a groundbreaking decentralized application (DApp) designed to transform healthcare through Web 5.0 technologies. The project's primary goals are to empower users in securely managing their medical records, foster connections among individuals with similar health conditions, and establish a platform for sharing and rating home remedies. Leveraging decentralized identifiers (DIDs) and decentralized web nodes (DWNs), PULSEPAL ensures secure data storage, user ownership, and effective connectivity. With a user-friendly interface and innovative features such as a matching algorithm for medical record connections and a home remedies section with a rating system, PULSEPAL addresses the limitations of the current healthcare system. This DApp represents a holistic solution, providing users with control over their health data, meaningful connections with a supportive community, and quick first aid solutions with community-rated effectiveness."

GOALS

- Empower users to own and manage their medical records securely.

- Enable users to connect and communicate with others having similar medical conditions.

- Provide a platform for sharing and rating home remedies for quick first aid solutions.

- Recommend specialized doctors in your nearby areas, based on your current location

SCOPE

The project aims to develop a decentralized application (DWA) leveraging Web 5.0 technologies to facilitate secure storage and sharing of medical records, foster connections among users with similar health conditions, and establish a home remedies section for quick and effective first aid solutions.

PROBLEM STATEMENT

In the current healthcare system, individuals face challenges in securely managing and accessing the medical records. Additionall finding and connecting with others having similar health conditions for support and insights remains limited.

SOLUTION

The proposed solution is a decentralized health management application that utilizes Web 5.0 technologies. It addresses the problem by providing a secure platform for users to manage their medical records and connect with others sharing similar health conditions. Furthermore, the inclusion of a home remedies section enhances the app's utility by offering quick first aid solutions with community-rated effectiveness.

FEATURES:

USER AUTHENTICATION AND MANAGEMENT:

Implementation of DID authentication for secure user access and data management.

User-friendly interface for managing credentials and accessing the app's features.

SECURE MEDICAL RECORD STORAGE:

Users can securely store their medical records using decentralized identifiers (DIDs) in the app.

Data stored through decentralized web nodes (DWNs) ensures security and user ownership.

CONNECT WITH SIMILAR MEDICAL CONDITIONS:

An algorithm will match users based on their medical records, enabling them to chat and connect.
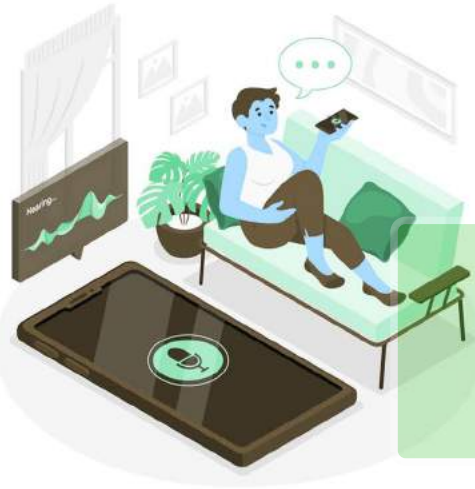
Users can share experiences, insights, and support each other within the platform.

HOME REMEDIES SECTION:

Users can contribute and share simple, effective home remedies.
Remedies will be rated by users to gauge their usefulness.

RECOMMEND SPECIALIZED DOCTORS IN YOUR NEARBY AREAS,

BASED ON YOUR CURRENT LOCATION

IMPLEMENTATION WITH WEB 5.0:

DIDs for Secure Authentication:

Implement DIDs to allow users to securely authenticate and manage their identities.

Decentralized Web Nodes (DWNs) for Data Storage:

Use DWNs to securely store and manage users' medical records and application data.

Algorithm for Matching Similar Medical Records:

Develop an algorithm to match users based on their medical records for effective connections.

Rating System for Home Remedies:

Incorporate a rating system for user-contributed home remedies to gauge their usefulness.

Intuitive GUI for User Interaction:

Design a user-friendly interface for easy navigation and management of medical records, connections, and home remedies.

TEAM

SURUCHI

FULLSTACK
DEVELOPER

INDIA

**EMMANUEL
ENEBELI**

PROJECT
MANAGER

NIGERIA

LAWRENCE

FULLSTACK
DEVELOPER

NIGERIA

ADOPHILUS

FULLSTACK
DEVELOPER

NIGERIA

CONCLUSION

In conclusion, PULSEPAL, a pioneering Web 5.0 decentralized health management app, addresses healthcare challenges by empowering users to securely manage medical records, connect with similar health conditions, and share community-rated home remedies. With its innovative use of decentralized identifiers and web nodes, PULSEPAL ensures data security and user ownership. The user-friendly interface, matching algorithm, and home remedies section collectively redefine health management, offering a holistic solution that puts users in control, fosters connections, and provides quick, community-backed first aid solutions. PULSEPAL signifies a significant leap towards a more decentralized and collaborative future in healthcare.

THANK YOU