Healthcare Hub App Development

by

ALX Tech Maverick

Team Members

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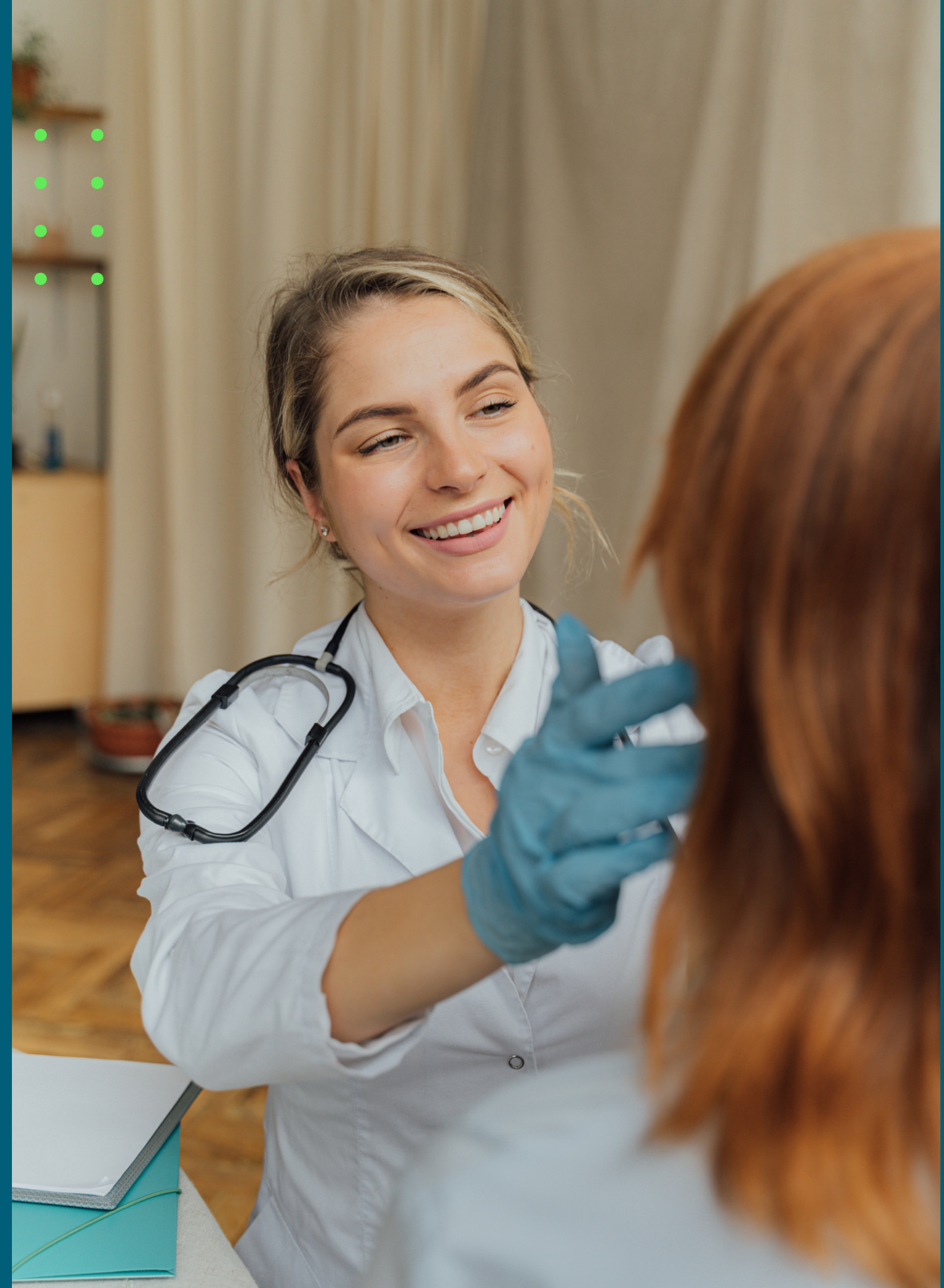- . Paul Aderoju
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Problem

The inadequate support and adherence in Non-Communicable disease management.

GCGO: **Health Care**

Why?

The problem of inadequate support and adherence in managing non-communicable diseases matters because it directly impacts the health outcomes and well-being of individuals with these conditions.

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CHIKA OKORO

About

Chika Okoro is a Nigerian woman living in Lagos. She was diagnosed with hypertension and diabetes five years ago. She works as a school teacher and is a single mother of two adult children. She has limited access to healthcare due to financial constraints and the distance to the nearest hospital. Chika is motivated to take care of her health but struggles with managing her chronic conditions due to a lack of trust, knowledge, and support.

Goals

- Chika requires easy-to-understand and culturally relevant information about her conditions, treatment options, lifestyle modifications, and self-care practices.
- Chika needs reminders for medication schedules, doctor's appointments, and lifestyle changes.
- She also requires emotional and practical support to stay motivated and encouraged on her health journey.

Pain Points

- Chika has insufficient knowledge about her conditions, comorbidities, and appropriate self-care practices.
- Chika lacks a robust support system to help her manage her chronic conditions. She feels isolated and often struggles to find emotional and practical support.
- Chika finds it challenging to navigate the complexities of her treatment regimens, including medication schedules, dietary restrictions, and monitoring her vitals.

Age   : 55
Gender   : Female
Addres   : 123 Anywhere St.,
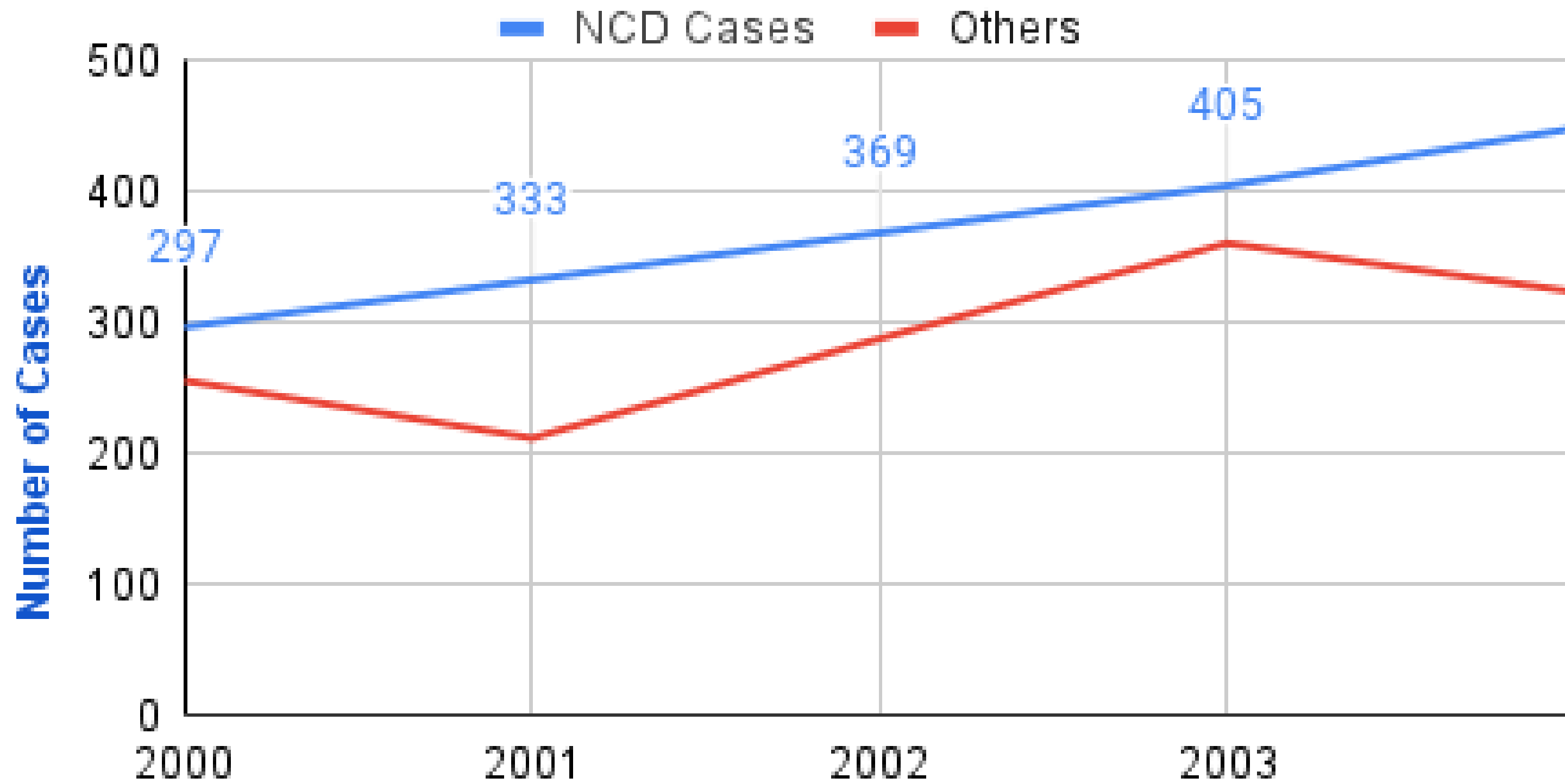   Any City, ST 12345

In Nigeria, a lack of trust and compliance among patients with non-communicable diseases (NCDs) contributes to 50% of the 617,300 yearly mortalities.

Challenges arise due to insufficient education, inadequate support systems, and complex treatment regimens for comorbidities.

Leveraging technology can improve patient education, support systems, and treatment adherence, leading to reduced mortality rates and enhanced well-being for those affected by NCDs in Nigeria. Meanwhile, Collaboration among healthcare providers, technology developers, policymakers, and community organizations is essential for success.

Pattern of non-communicable diseases among medical admissions in Port Harcourt, Nigeria

PROPORTIONAL MORATLITY RATE (%) vs. NCD TYPE

NCDs are estimated to account for 29% of all deaths

- ● 11% Cardiovascular Disease
- ● 4% Cancers
- ● 2% Chronic Respiratory Disease
- ● 1% Diabetes
- ● 12% Other NCDs
- ● 63% Communicable, maternal, perinatal and nutritional conditions
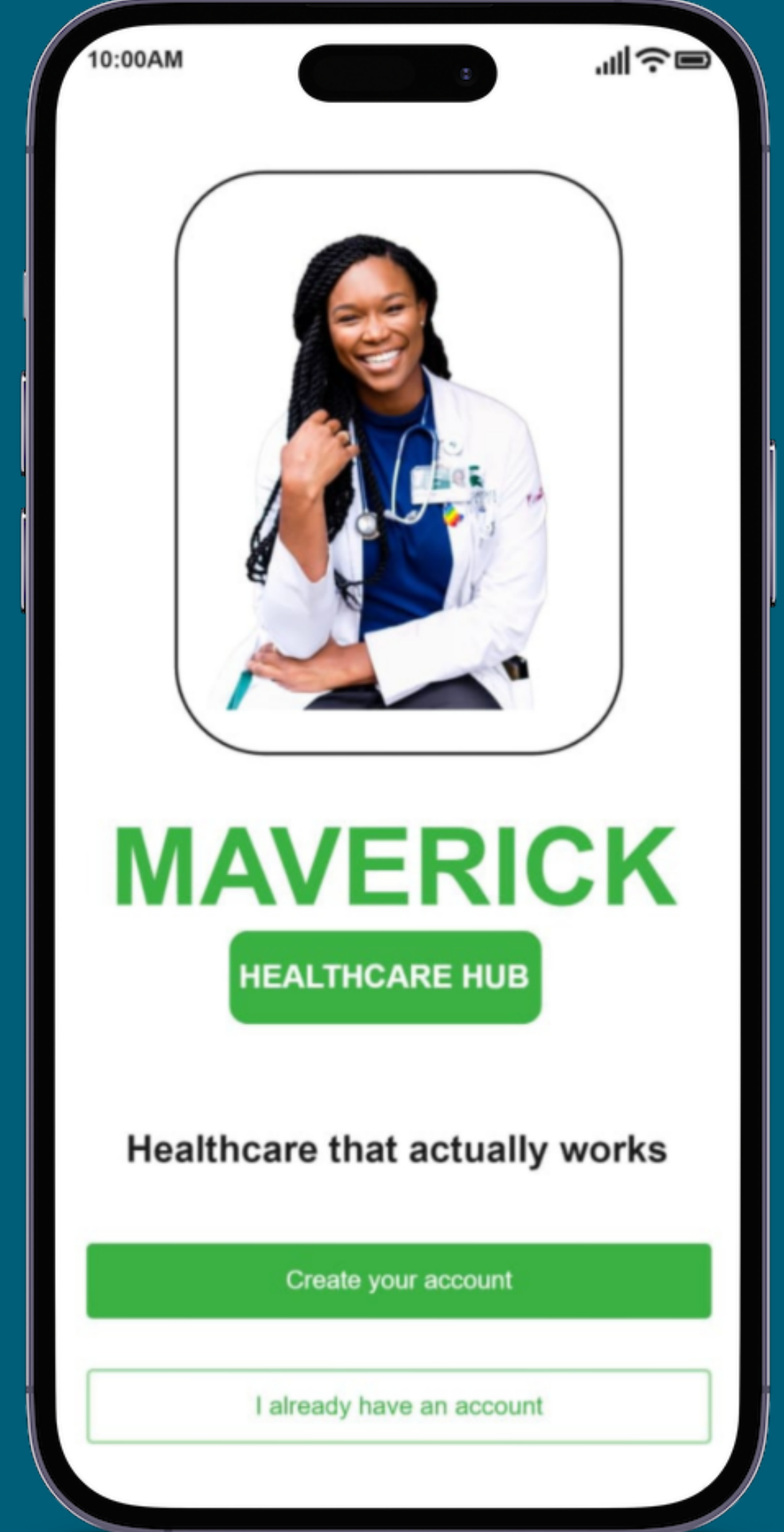- ● 8% Injuries

Our Solution

Creating a mobile app and SMS-based systems that send personalized medication and appointment reminders to patients, helping them adhere to treatment regimens and reducing the risk of non-compliance.
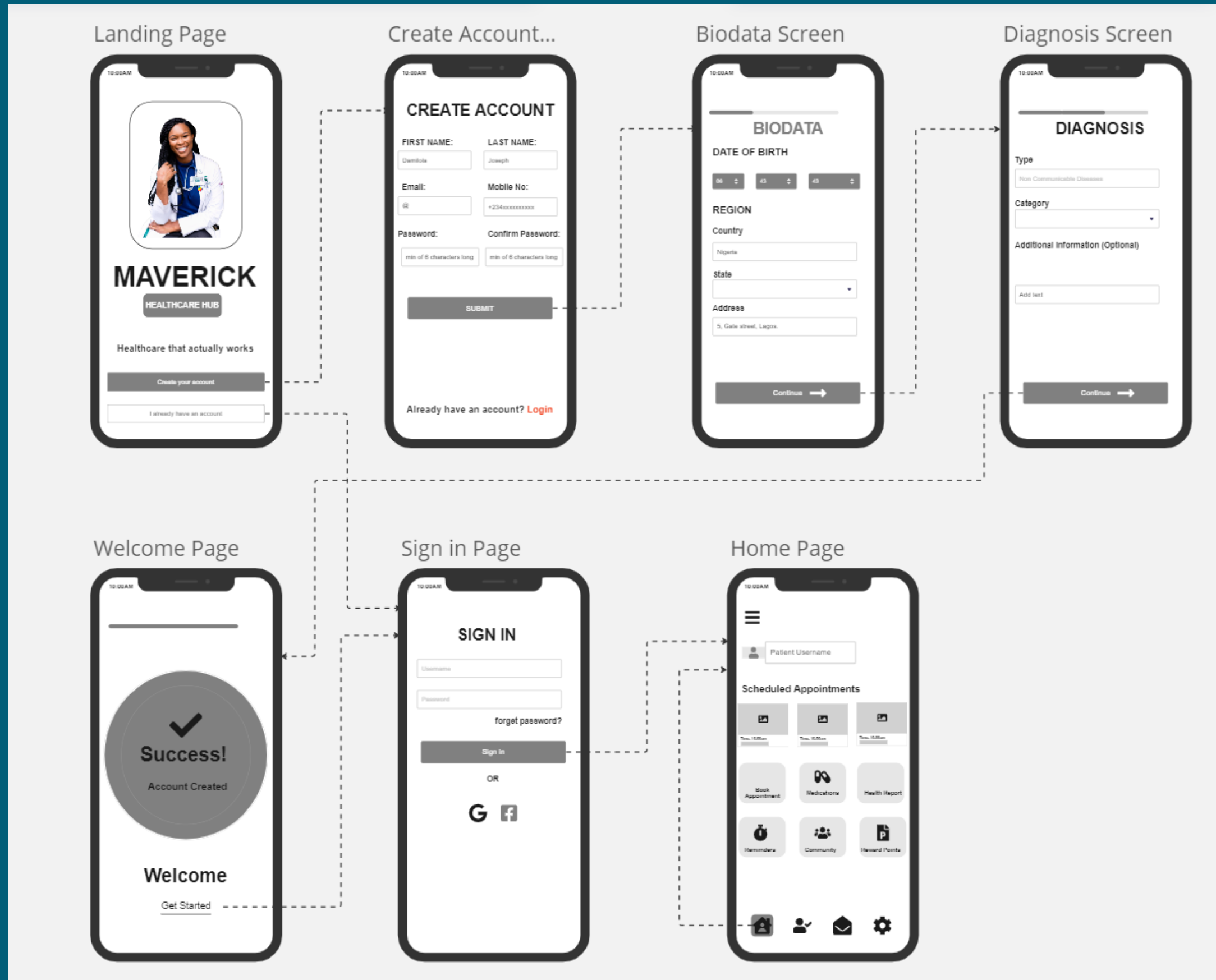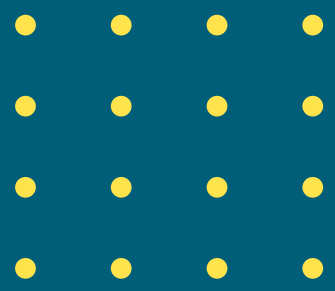
Why choose this Solution?

The solution is chosen to address the specific needs of individuals managing NCDs, offering support, resources, and tools to enhance their disease management and overall well-being.

Why is it Effective?

It can effectively improve treatment adherence, reduce non-compliance risks, and empower patients to take an active role in their healthcare.

MAVERICK

HEALTHCARE HUB

Healthcare that actually works

Create your account

I already have an account

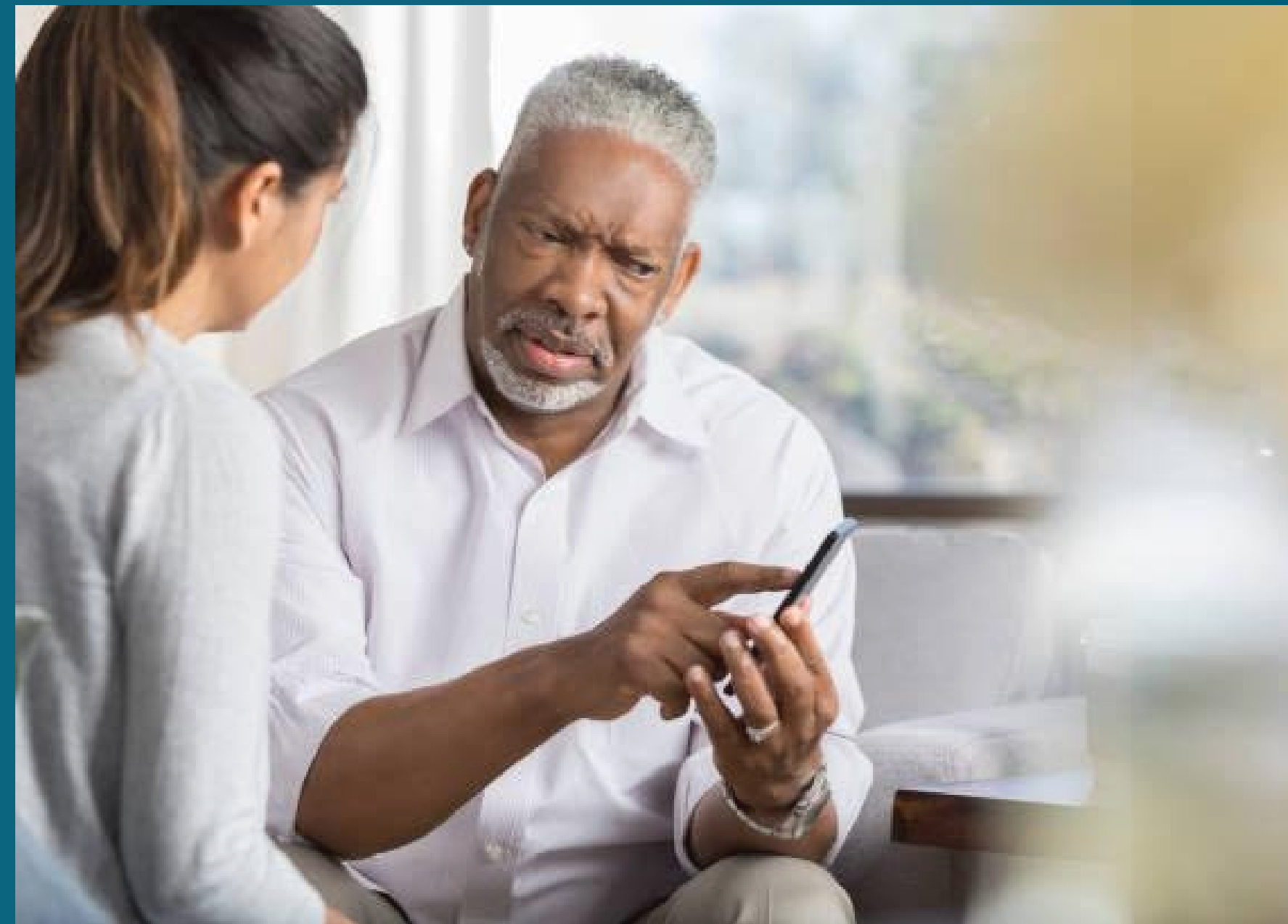# ALX Tech Maverick Solution App Wireframe Design

Features

- Personalized Medication Reminders
- Appointment Reminders
- Treatment Plan Management
- Educational Resources
- Community Support
- Secure messaging with Healthcare Providers
- Health Data Insights

User Pain Points

1. Users express the need for more interactive features within the community section of the wireframe.

2. Test users desire more flexibility in personalizing the wireframe to their specific conditions, medications, and preferences.
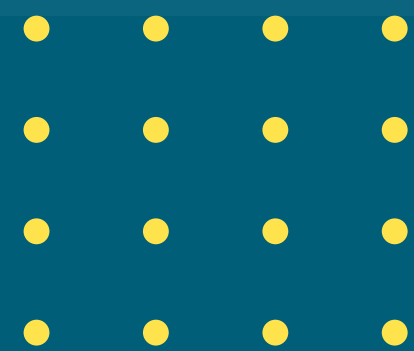
Recommendations

1. Improving the navigation flow within the app by making it more seamless and intuitive.
2. Incorporate more interactive features within the community section.
3. Introduce more personalization options to cater to users' specific conditions, medications, and preferences.
4. Enhance feedback and support channels within the app.

What next if funded?

1. We will develop a comprehensive project plan that outlines the goals, scope, timeline, budget for the development process, key deliverables, milestones, and resource requirements.
2. We will assemble a team of experienced professionals with expertise in mobile app development, UI/UX design, backend development, and quality assurance.
3. We will invest in marketing and promotional activities for the app.
4. We will also invest in conducting research on user experience with the app.

Why the App?

It can effectively improve treatment adherence, reduce non-compliance risks, and empower patients to take an active role in their healthcare.

The difference.

It promotes better health outcomes, empowers individuals to take control of their health, and provides a comprehensive solution that addresses the unique needs of individuals managing NCDs.

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Patient Username

Scheduled Appointment

Time: 10:00am
Date: 10/07/2023

Time: 10:00am
Date: 10/07/2023

Book Appointment

Medications

Remimders

Community

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Create your account

t Username

Appointments →

Time: 10:00am
Date: 10/07/2023

Time: 10:00am
Date: 10/07/2023

Medications

Health Report

Community

Reward Points