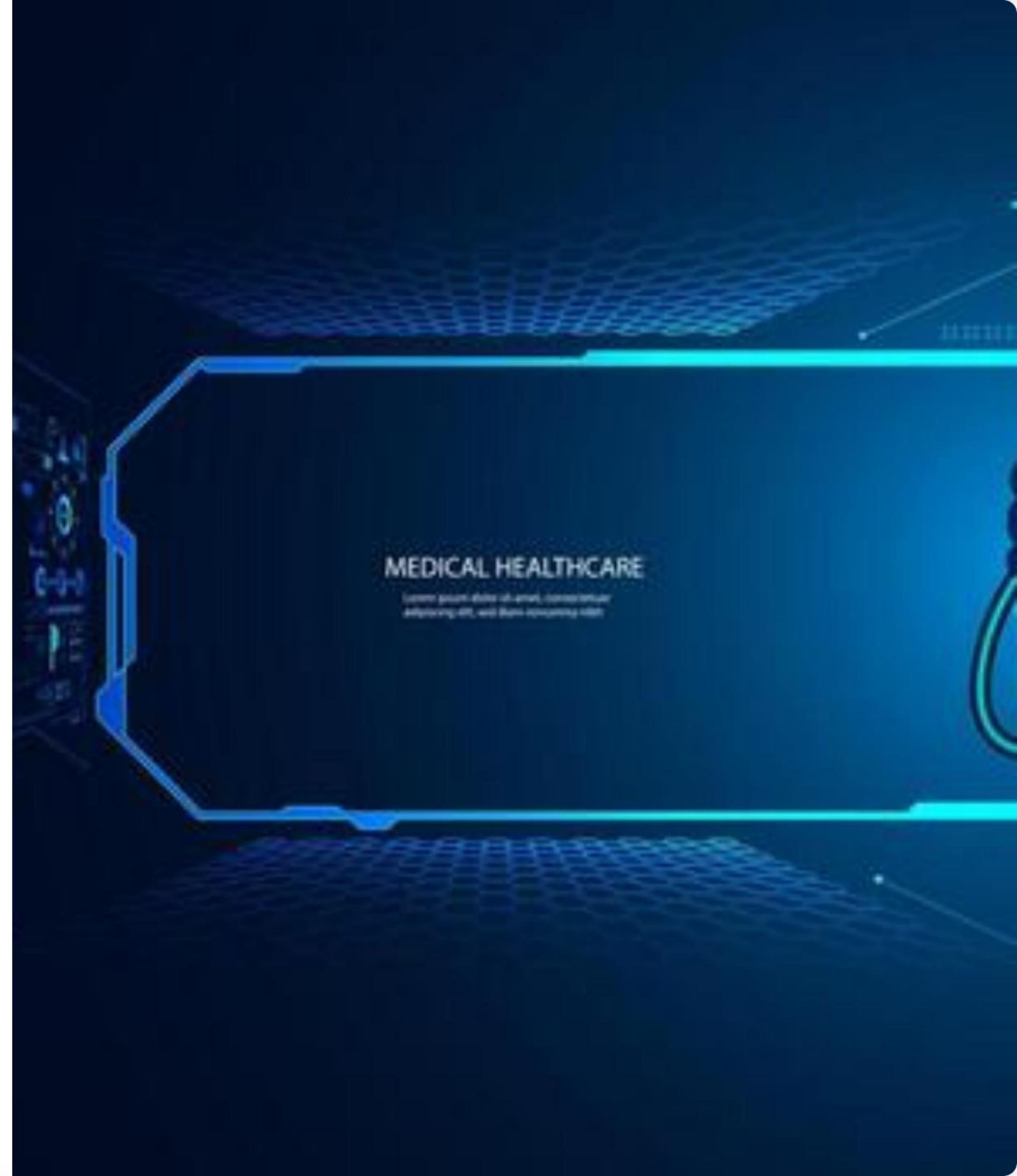# Alertraa

A Comprehensive Health Management Platform

Project Overview

Alertraa is a mobile health platform designed to improve patient outcomes by ensuring medication adherence, streamlining medication access, and providing critical health data to authorized personnel during emergencies.

Project Context

My Role

UI/UX Designer and Developer. Responsible for end-to-end design and core application development.

The Team

A lean team of two members. I served as the core member leading both design and development.

Tools & Duration

Tools: Figma, React Native, Firebase. Duration: Four Months (Concept to Prototype).
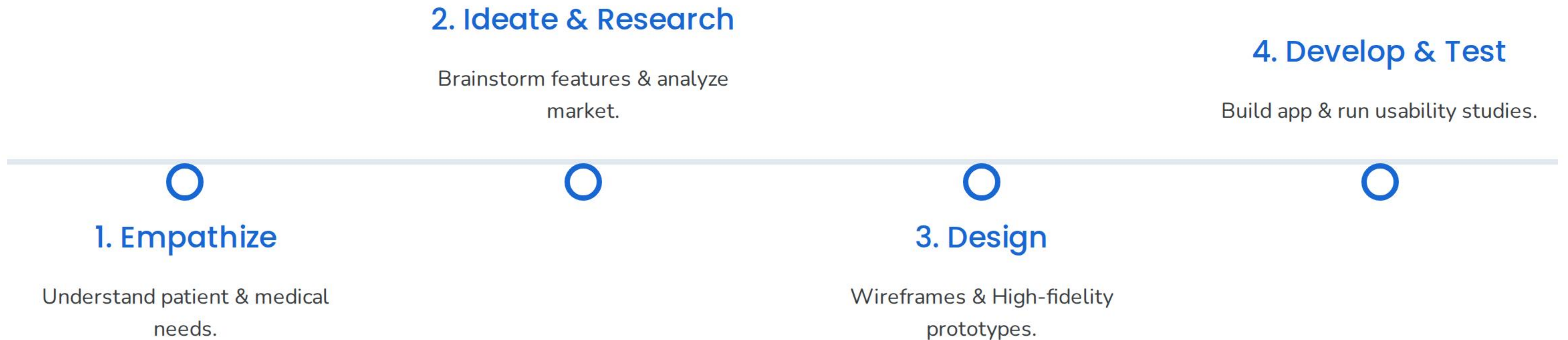
The Problem Statement

Patient non-adherence... leads to poor health outcomes and increased medical costs... Responders often lack immediate access to a patient's vital history...

Key Challenges

- **Poor Adherence:** Patients forget medication, leading to health issues.

- **Emergency Data Gap:** Responders lack vital history (allergies, meds).

- **Access Friction:** Managing and refilling prescriptions is cumbersome.

Our Process

2. Ideate & Research

Brainstorm features & analyze
market.

4. Develop & Test

Build app & run usability studies.

1. Empathize

Understand patient & medical
needs.

3. Design

Wireframes & High-fidelity
prototypes.

The Solution: Alertraa

Alertraa provides a holistic, integrated solution to manage patient health, streamline medication access, and provide critical data during emergencies.

The platform is built on four key features.

Feature 1: Smart Adherence

Smart Prescription Management

The system digitizes prescriptions and generates intelligent, timely alerts and reminders for medication.

This directly addresses patient adherence by ensuring users are notified precisely when to take their medication.
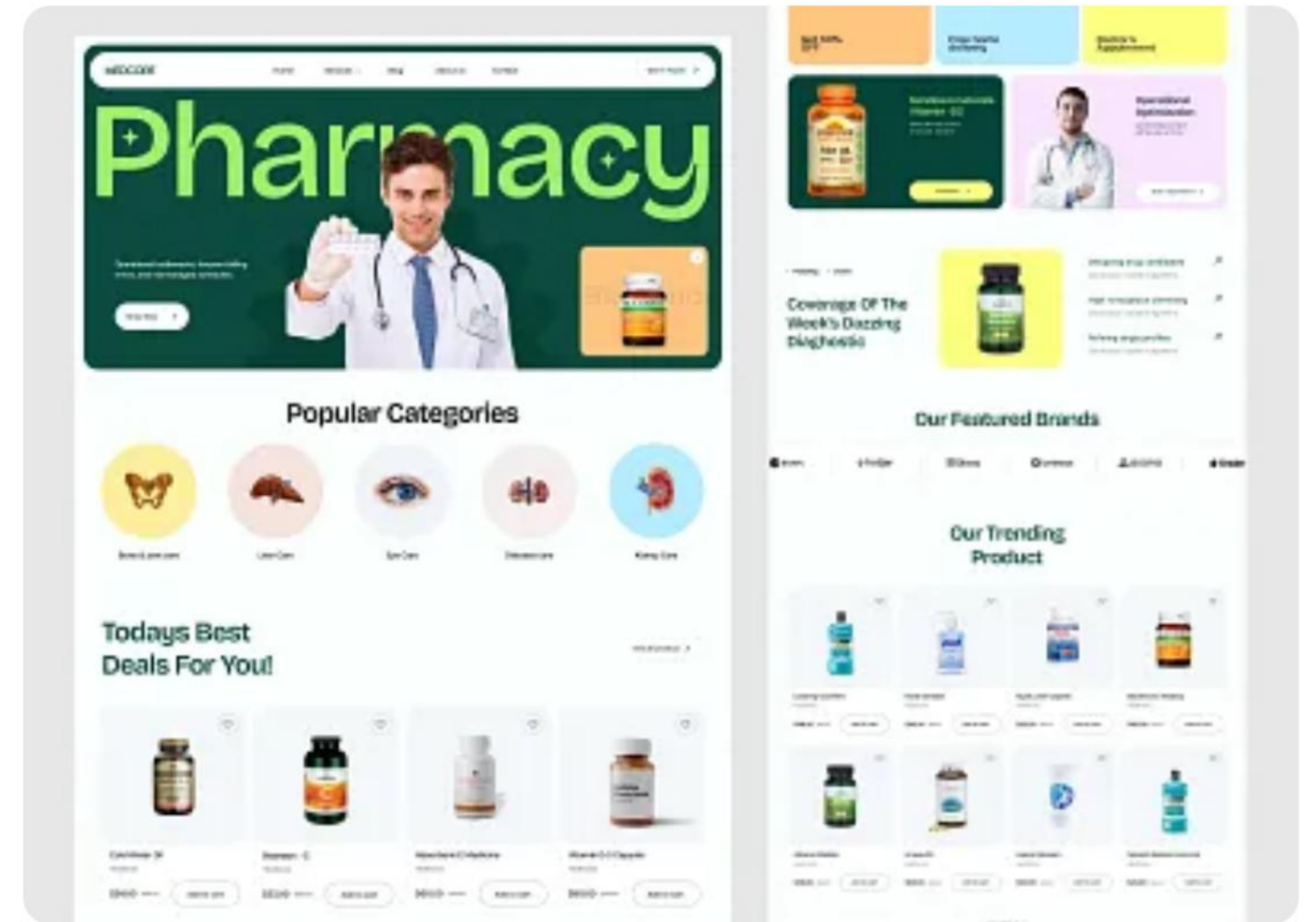

Get notified when it's time to take your medications!

Feature 2: Integrated E-Commerce

Integrated E-Commerce Pharmacy

Alertraa seamlessly connects reminders to action.

An in-app e-commerce section allows users to procure their medications, add to a cart, and manage refills from one place.

Feature 3: Personalized SOS Profile

Personalized Patient & SOS Profile

Authorized medical personnel can access a vital profile during an emergency.

Includes: Medical History, Allergies, Current Medications, and Vitals.

Feature 4: Secure Access

Secure Access Control

To protect sensitive personal health information (PHI), Alertraa features a robust locking system.

Access is strictly limited to the patient and their designated, verified caretakers.

Intended Outcomes & Impact

Improved Adherence

Better management of chronic conditions and reduced complications from missed doses.

Better Emergency Care

Empowers medical pros with data for faster, safer decisions in critical moments.

Increased Empowerment

Patients take active, confident control of their own health, improving satisfaction.

Thank You

Questions?

Image Sources

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