



BY TEAM PAKVERSE

Medalyzr

Live AI-Powered Skin Disease
Detection

YOUR SKIN'S HEALTH, INSTANTLY
DIAGNOSED

For Lokahi Innovation
in HealthCare Hackathon

@LabLab.ai

FAHAD GHOURI
MUHAMMAD MEHDI

Introduction

Medalyzr is an AI-powered mobile app that uses live feed detection with advanced LLMs and Agentic AI to revolutionize skin health management. It instantly scans and detects skin conditions, providing a detailed diagnosis report, medicine recommendations, and nearby dermatologist suggestions. Designed for accessibility and accuracy, Medalyzr empowers users to take control of their skin health effortlessly.



Real-Time Skin Analysis Made Easy

1

Open the app and scan your skin condition via live feed.

2

The CV model detects the issue instantly.

3

Data is analyzed using LLAMA 3.2 Vision 90B.

4

AI generates a detailed report.

Provides medicine suggestions and recommends nearby dermatologists.

Market Impact

- **Accessible:** Affordable and available for anyone with a smartphone.
- **Preventative:** Detect and treat conditions before they worsen.
- **Convenient:** Combines diagnosis, treatment, and recommendations in one app.



Skin Problems Often Go Undetected

Problem Statement

- Many people ignore early signs of skin issues, thinking they are minor.
- Without proper attention, these issues can worsen over time.
- Limited access to reliable and affordable diagnosis is a barrier for many.

Solution Overview

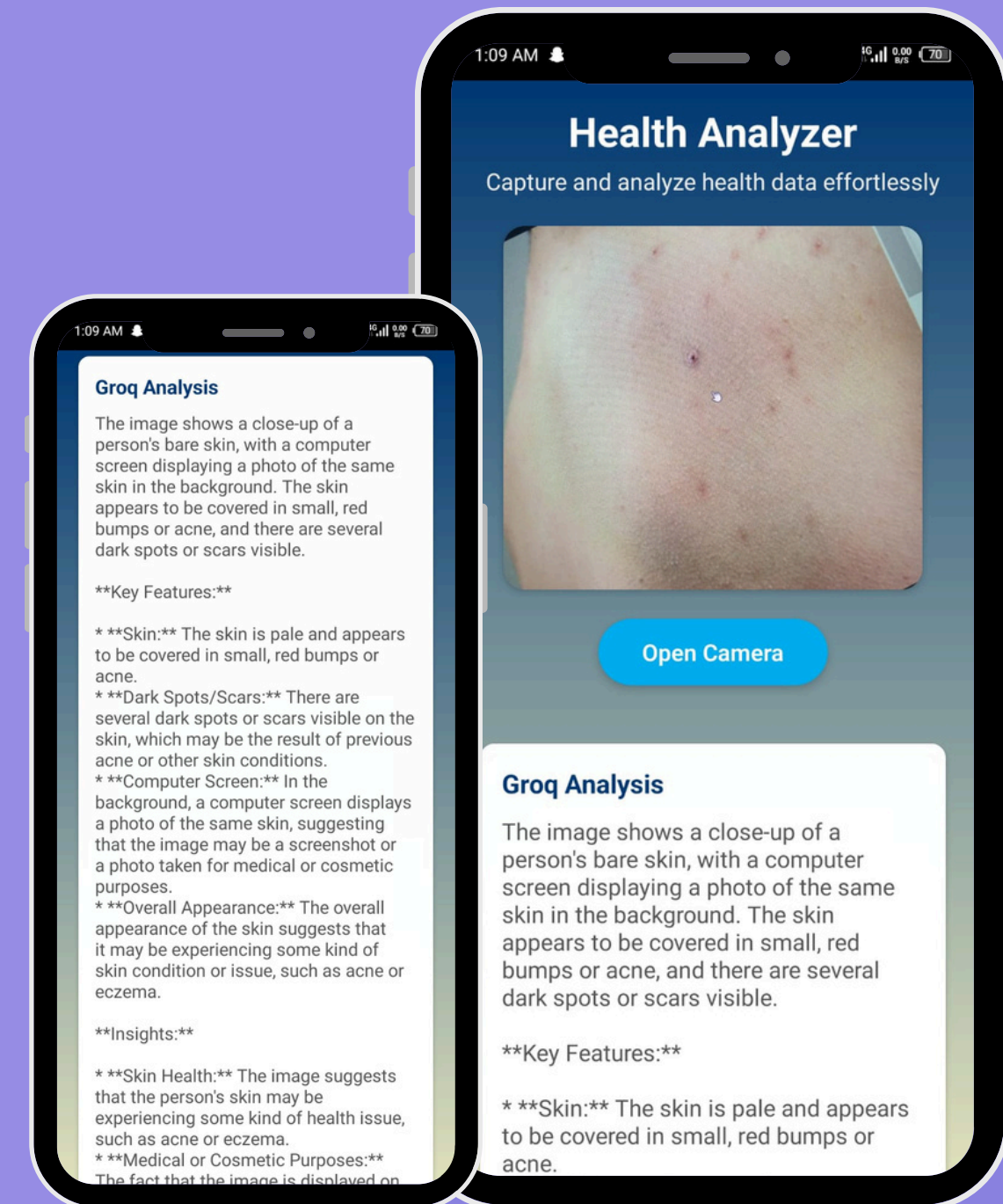
A mobile app that uses live feed detection to analyze skin conditions in real-time.

- Solution

Diagnosis report: Understand your condition.

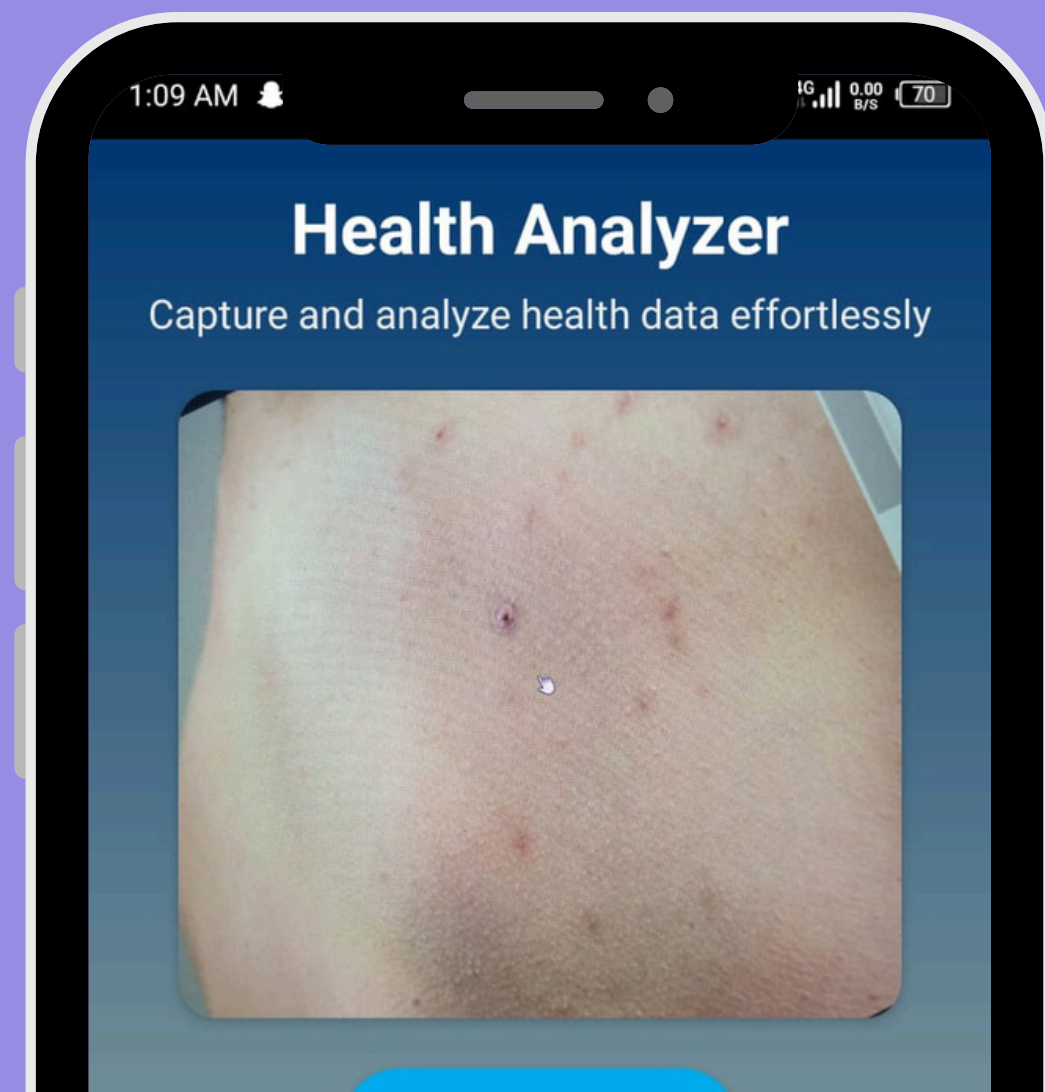
Medicine recommendations: Suggested treatment options.

Doctor recommendations: Find dermatologists in your area.



Tech Stack

Powering Medalyzr with Advanced Technology



OpenCV: Real-time live feed detection.

Grok with LLAMA 3.2 Vision 90B: Intelligent AI for diagnosis and recommendations.

Crew AI: Context-aware agent for user-specific suggestions.

React Native: Cross-platform mobile app.

Python: Backend integration for seamless performance.



Thank You

FROM

Team Pakverse