



# UCS503 LifeAura AI SANKALP

**Siddharth Jaswal** (102303592)

**Varad Pandey** (102303597)

**Manleen Kaur** (102303599)

# Introduction

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**Overview:** LifeAura AI is an intelligent health management platform designed to help users stay on top of their medication schedules, get quick symptom guidance, and receive AI-powered analysis for minor health issues using images.

**Importance:** Medication non-adherence and delays in first-aid guidance are common health risks. LifeAura AI provides reminders, prescription digitization, and instant health support.

# Project Scope

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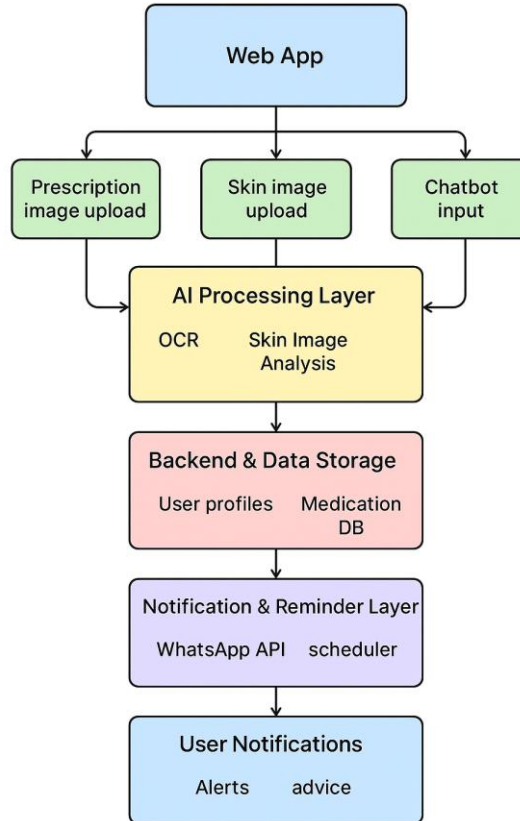
**Project Aims:** To create a user-friendly health companion app that minimizes medication errors and provides quick, reliable AI assistance for understanding basic symptoms and first-aid guidance.

## **Deliverables:**

- MERN-based web app.
- Medication scheduling & WhatsApp/SMS reminders.
- Prescription OCR scanning.
- AI symptom-checking chatbot.
- Skin condition image analysis.

# Proposed Functions

## Visualization:



# Target Users

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## **Audience Description:**

- Elderly Individuals
- People with Chronic conditions
- Caregivers
- Health-conscious general users.

## **User Characteristics:**

- Require quick, reliable responses
- May have low technical skills

## **User Needs Impact:**

- User-friendly and straightforward interface.
- Large fonts and clear instructions for easy understanding.

# Security Measures

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## **Security Overview:**

- End-to-end encryption for sensitive health data.
- Role-based access control.

## **Protection:**

- API calls are encrypted.
- Data at rest is secured using AES-256 encryption.

**Access Control:** Secure Authentication Using JWT Tokens

# Conclusion

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**Summary:** LifeAura AI will bridge the gap between basic health needs and accessible technology.

**Next Steps:** Setting up the MERN stack and implementing authentication and user profiles.

**Feedback Invitation:** Please share your suggestions for features and interface design.