



Lifestyle App

CS 6018: Application System Design



The Team

Anirudth Lath aka RUDY

Imane Laaroussi

Polina Lyubavina



Architecture: Overview

Fragments

ViewModels

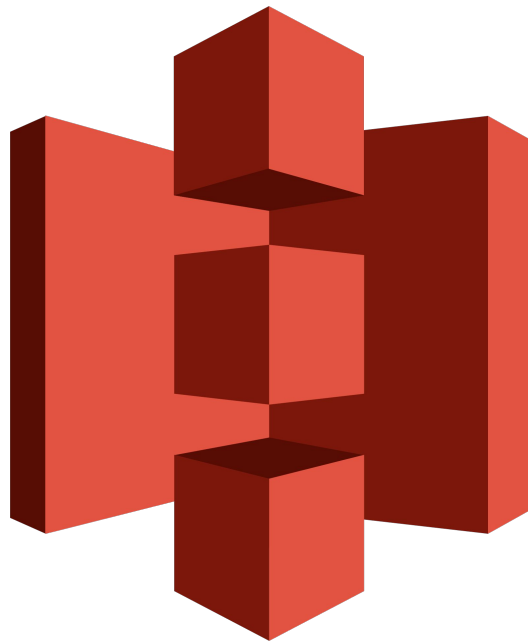
Repositories

Main Activity



Data Storage: Room & S3 by AWS

Amplify connects the two





Test Strategy

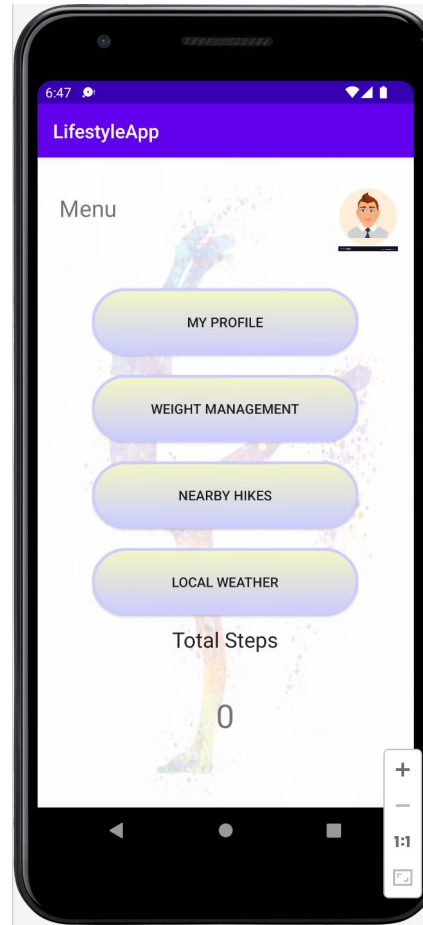
- Unit Tests
- Automated UI Tests

▼ ✓ Test Results



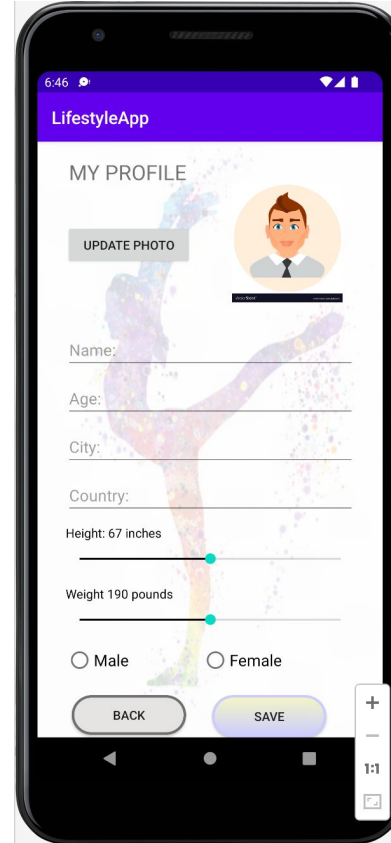
UI Design

Design in practice



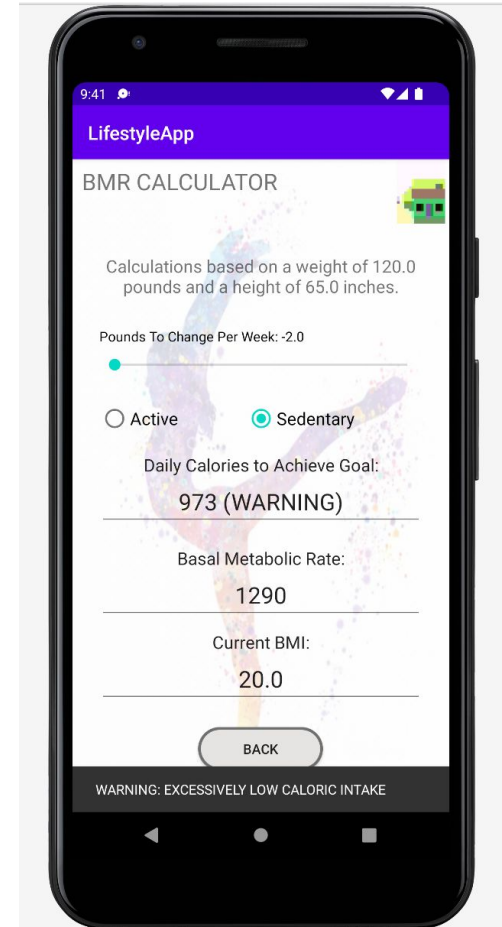
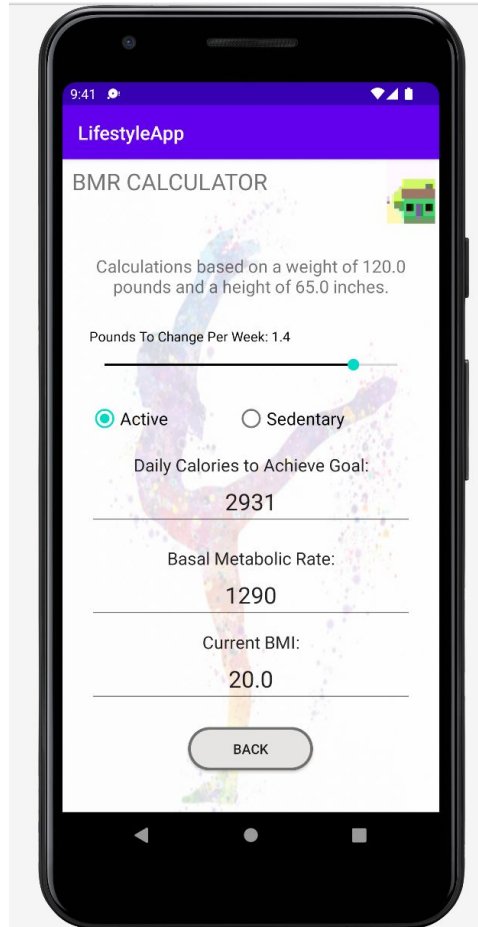
User Profile

User View Model -> User Repository



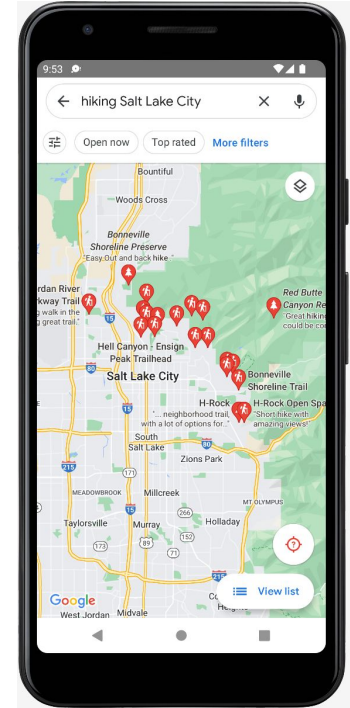
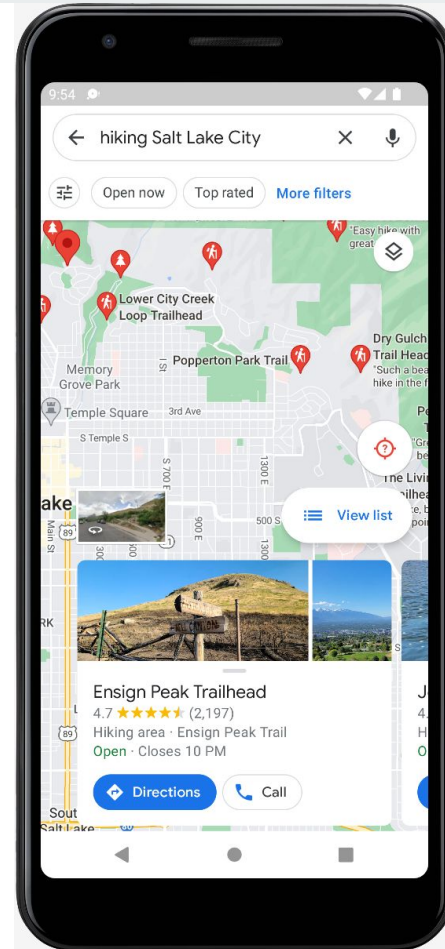
BMR Calculator

User View Model -> BMR Calculator



Maps & Hikes

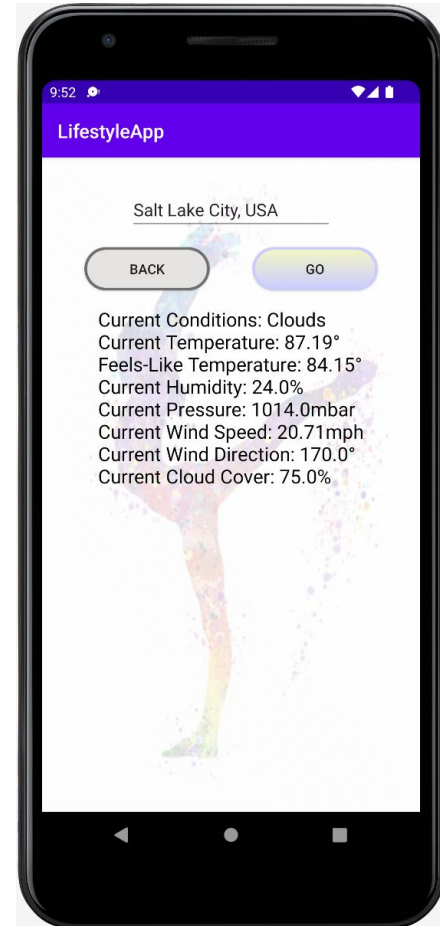
User Repository -> Navigation View Model





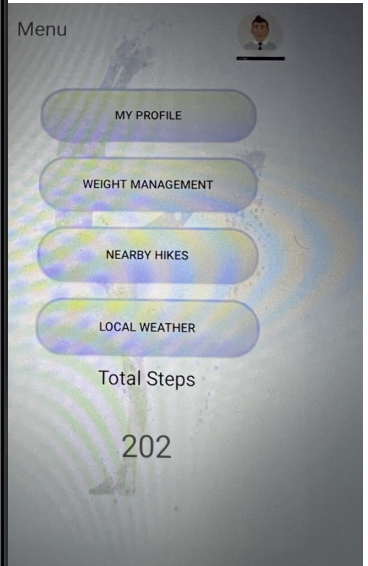
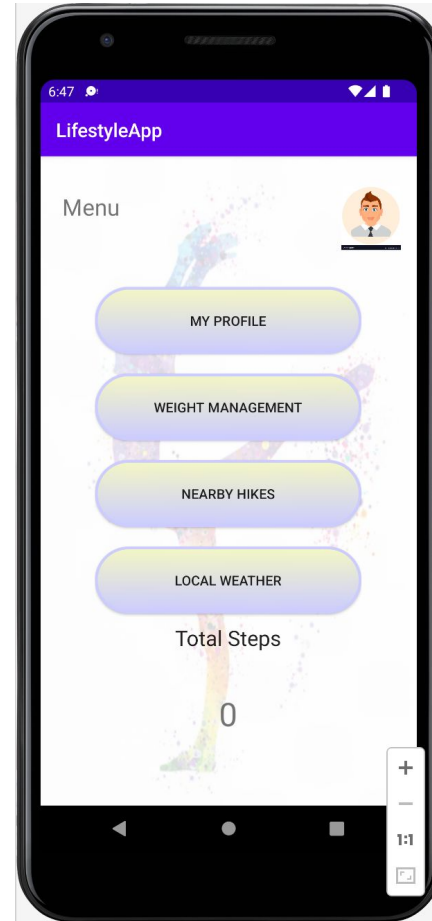
Weather

User Repository -> Weather User View Model



Step Counter

Using Sensors and Custom Gestures





The End