

Project Proposal: Building a Fitness App

Group 6

Leiziane Trevisan Dardin

Sameel Haider

Software Development, Bow Valley College

SODV 2203: Introduction to

Mobile Application Development

Pedro Henrique Magdaleno

April 19th, 2025

We want to introduce you to our fitness app called “Big Step” for Android devices. This app will help users view lists of workouts and search for exercises to add to a playlist using a dropdown menu. It will be an interactive app in which the user can choose a light or dark mode, create and log in to their profile, and finally be able to add, delete, and view exercise routines.

API TBC

Objectives:

Create a user-friendly interface that incorporates engaging UI techniques to attract users and encourage their commitment to achieving fitness goals.

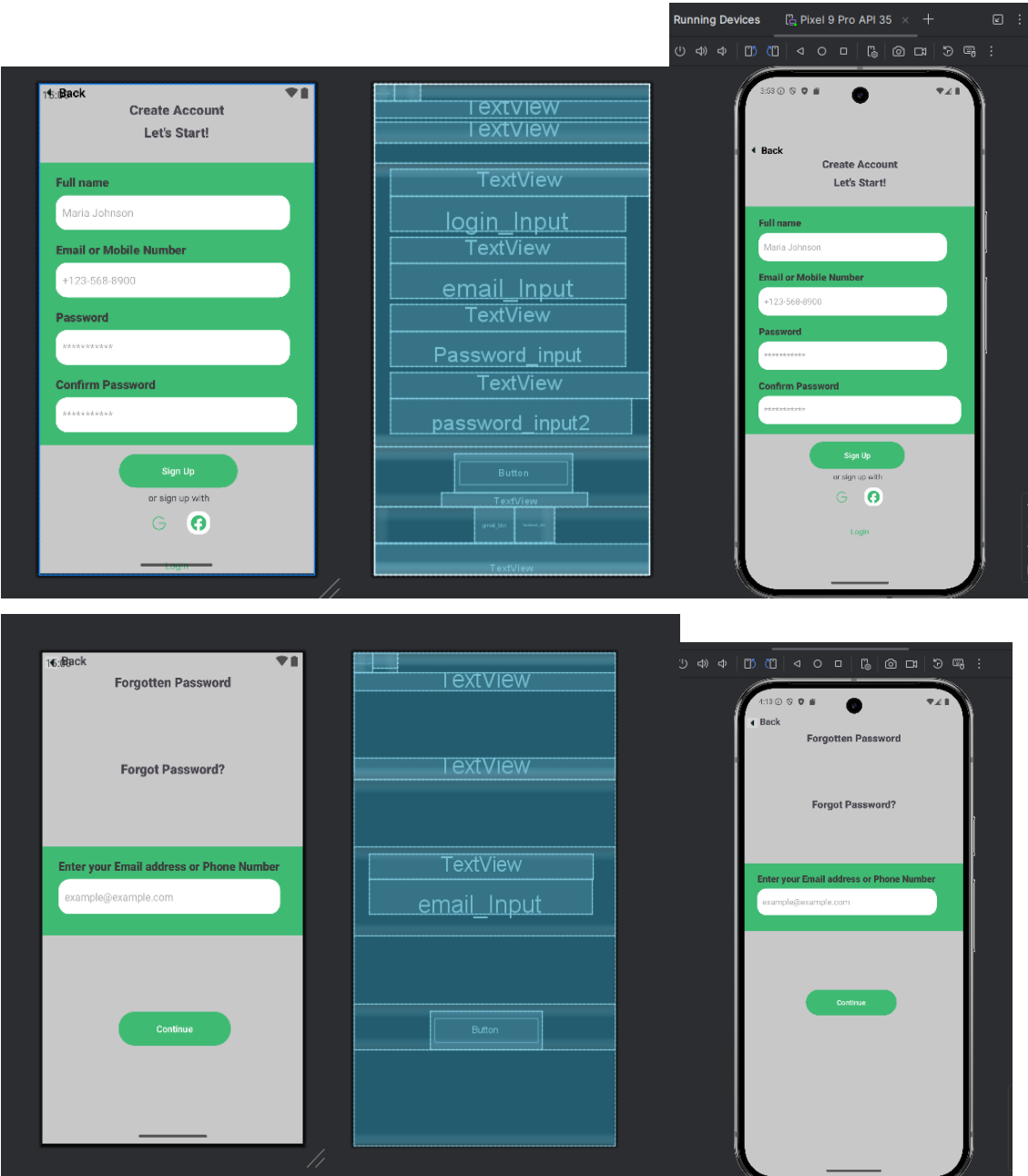
User Stories:

- Access to a login screen and signup
- Obtain a list of training exercises filtered by the type and Muscle Group
- Create, view, and delete my exercise routines by being able to organize my routines by day.
- Edit my routine and add and remove exercises from the routine list.
- View my routines in a “Workout Mode” that doesn’t allow me to edit them and lists them as clearly as possible. I want to be able to cross off the exercises that I’ve already done.
- Personalize my display screen in light and dark mode.

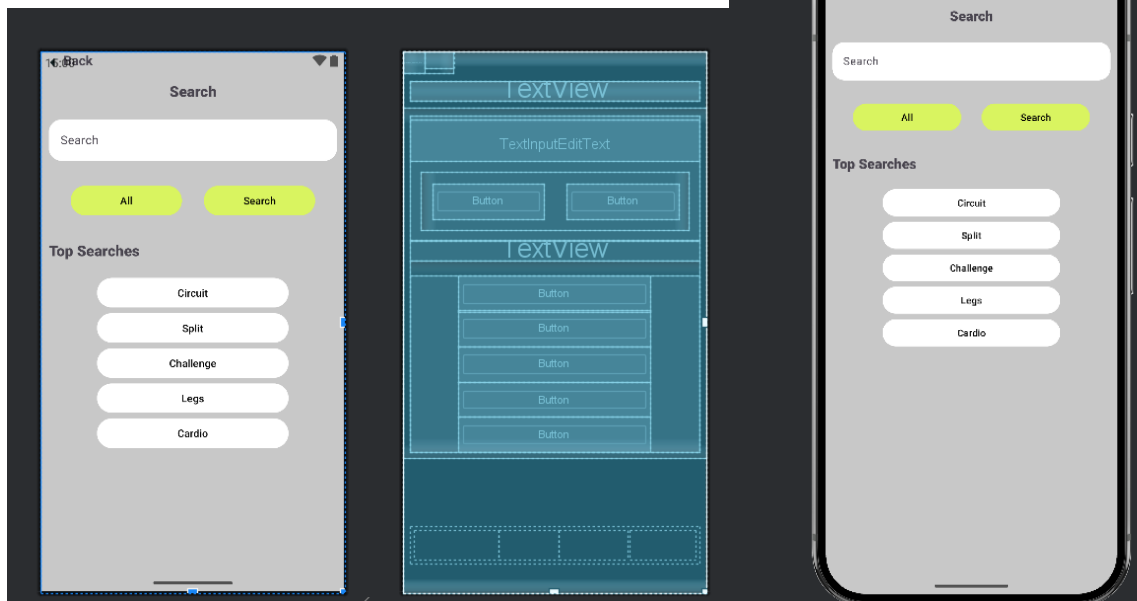
Proposed Features:

- **Landing page** – Login and Create Account.
- **Home Page** – Settings Button to go to the settings page. Workout Button to see a list of workouts. Search button for the page just to browse exercises.
- **Settings Page** – For now just some “About” information (software version) and a toggle between light and dark mode.
- **Workout Page** – Shows the user the list of workouts they have. Workouts should display themselves with a Name and the days they’re meant for in a little week box (Shown as “S M T W T F S”) with non-grey text for days that exercise is on. And a little vertical “...” menu that should allow them to edit or delete it.
- **Search Page** – Just a page where you can search for exercises, then if the user would like, they can add it to a playlist of their choice from a drop-down.

Wireframes:









Technology Stack:

- Coding: Java
- Android Studio
- API tbc
- Google Json (to save data)

Please Note: Some elements and components might be subject to change.