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# GetFit

## Description

Increasing percentage of population today spends a large part of their day on a desk and long hours of sitting coupled with little to no exercise is causing serious health concerns. the app will encourage users to adopt a healthier lifestyle by allowing them to track their movement and weight.

## Intended User

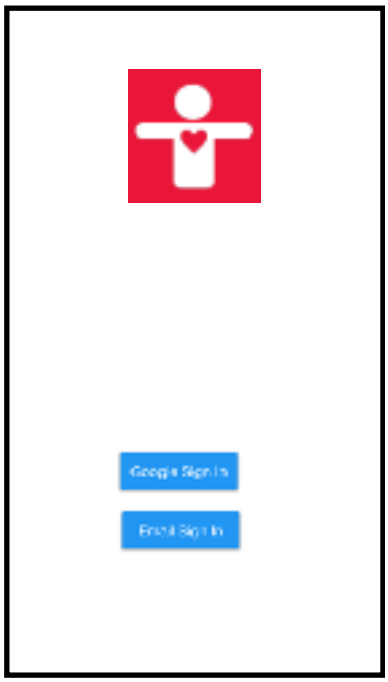
1. Any one who currently leads a sedentary lifestyle
2. works on a computer for more than 6hrs a day

### Features

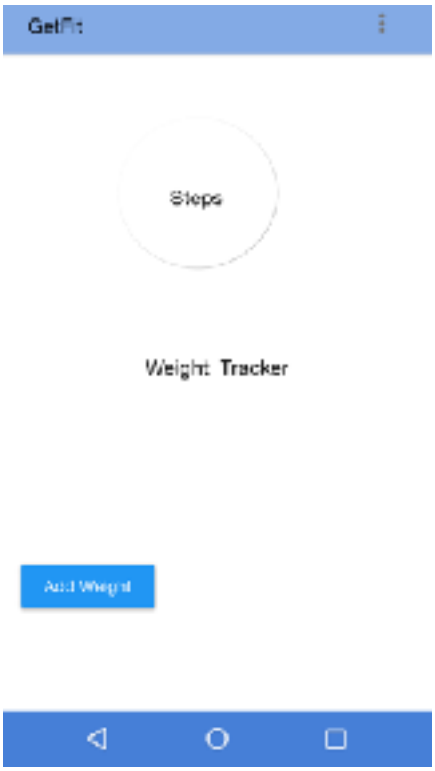
1. Step tracking in progress bar
2. Weight Tracking per day
3. Route tracking on map

## User Interface Mocks

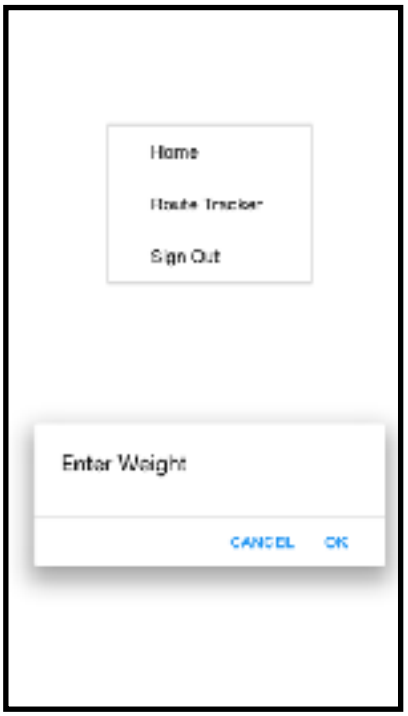
### Screen 1 - Login Screen



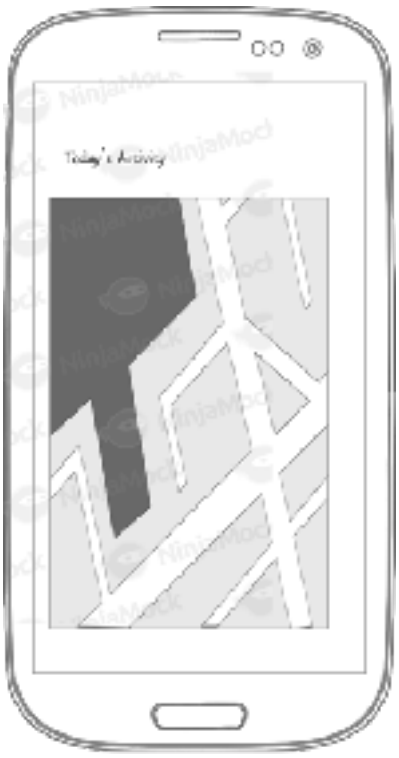
**Screen 2 - Main Page**




**Screen 3 - Menu and Weight Prompt**



**Screen 4 - Route Tracking**



## Key Considerations

How will your app handle data persistence?

**Firebase Realtime Database.** As app uses Firebase, Loader to move its data to its views is **not** required. App uses an intent service to pull data from Google fitness api.

Describe any edge or corner cases in the UX.

1. When entering route tracker check if app has permission to access user location. If not get access.
2. When adding weight by default take current date. Multiple entries in a day are updated.
3. When tracking steps check if app has access to get user step info from google fit. If not get access.
4. On each load check if user exists in firebase database. If not add user and prompt for weight.

Describe any libraries you'll be using and share your reasoning for including them.

App uses Firebase Realtime Database to load data to views.
App uses MPAndroidChart to build weight tracking chart.

Describe how you will implement Google Play Services or other external services.

1. Google Location services (**Google Play Service)**
2. Google Fitness (**Google Play Service)**
3. Google Map Services (**Google Play Service)**
4. Google Auth(to use fitness data) (**Google Play Service)**
5. Firebase Database
6. Firebase Auth

## Task 1: Project Setup

1. Configure Libraries
2. Add external library
3. Add project to firebase
4. Setup data model in firebase
5. Enable authentication in firebase database
6. Enable google and email login in Firebase Auth

## Task 2: Implement UI for Each Activity and Fragment

1. Add Firebase UI login page
2. Add app logo to Auth UI and android app widget
3. Add circular progress bar
4. Build chart for weight tracking

## Task 3: Your Next Task

1. Add code to pull step data from google fit
2. Add new user to Firebase database and prompt for weight
3. Add map route tracking