CSIS 4175 Android Project Health GO

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Android Studio Version: Android Studio Koala | 2024.1.1 Patch 1

API Version: API 24

Emulator Model: Pixel 8

GitHub: https://github.com/M3IJI3/HealthGO

Technologies Used:

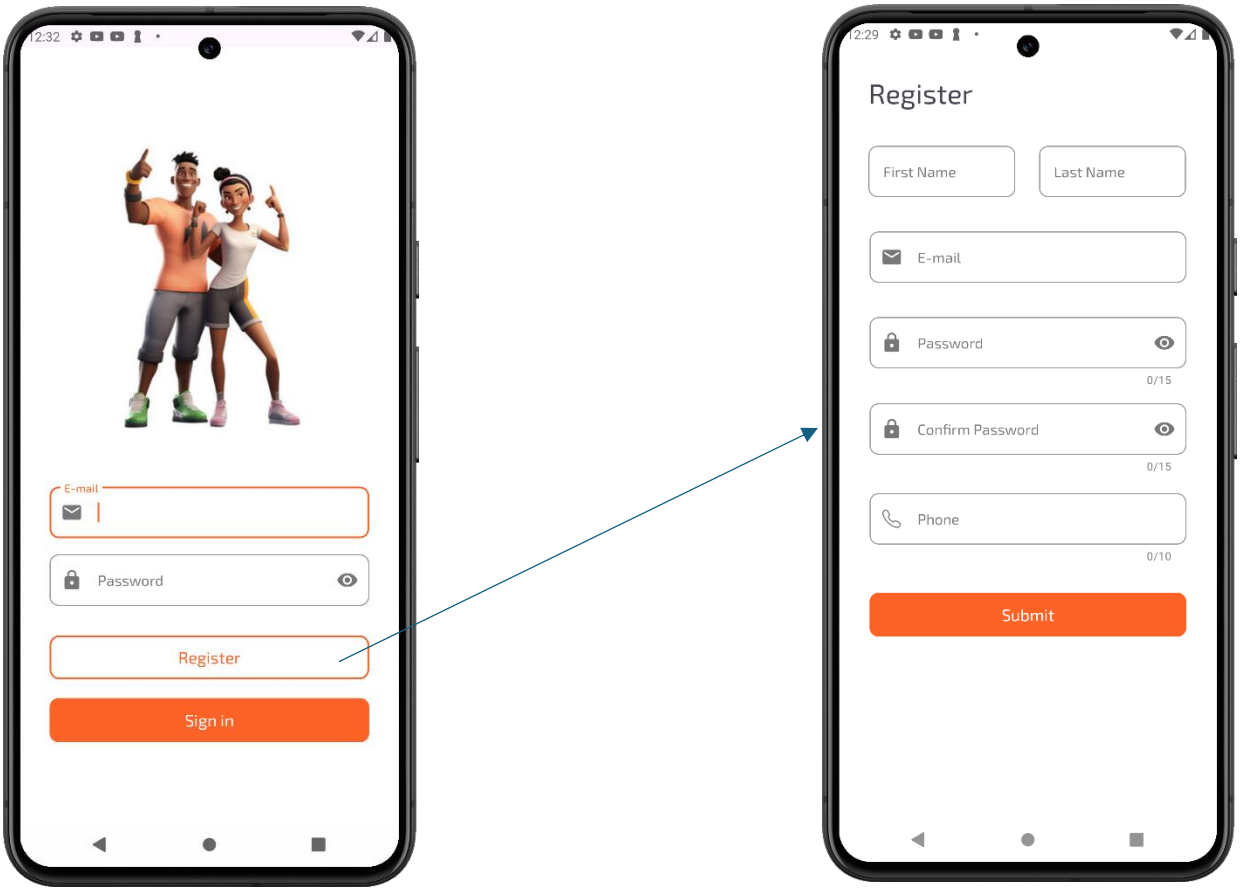
- Google Authentication for fetching daily footsteps
- PhilJay Bar Chart implementation
- Circular Progress Bar Implementation
- Third Party API about food nutrition
- Use SQLite to save user information

Test Account:

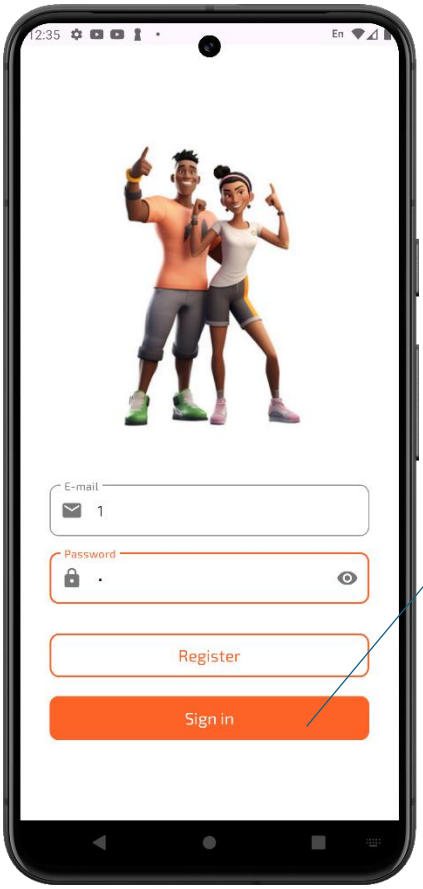
- Login the application by using the predefined and hardcoded email and password
  - E-mail: 1
  - Password: 1
- After the 1st step, you will be asked to Login with your Google account. It will fetch your footsteps from Google fitness.
  - E-mail: j71926467@gmail.com
  - Password: androidtestacc

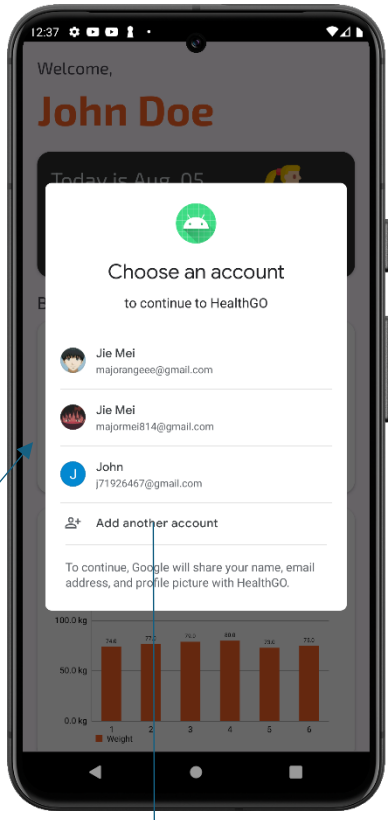
Application Usage:

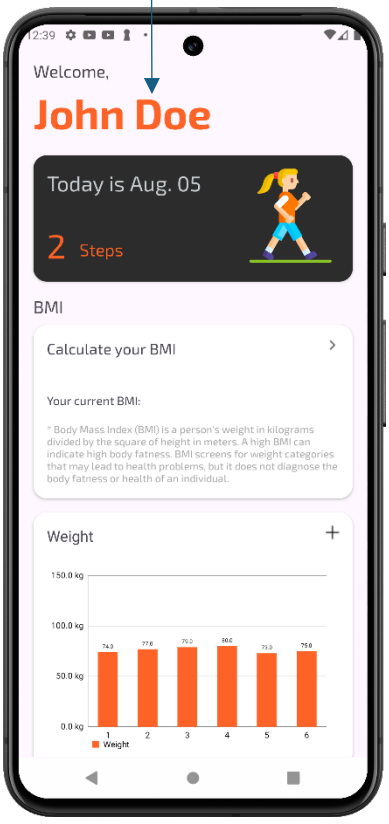
- Registration



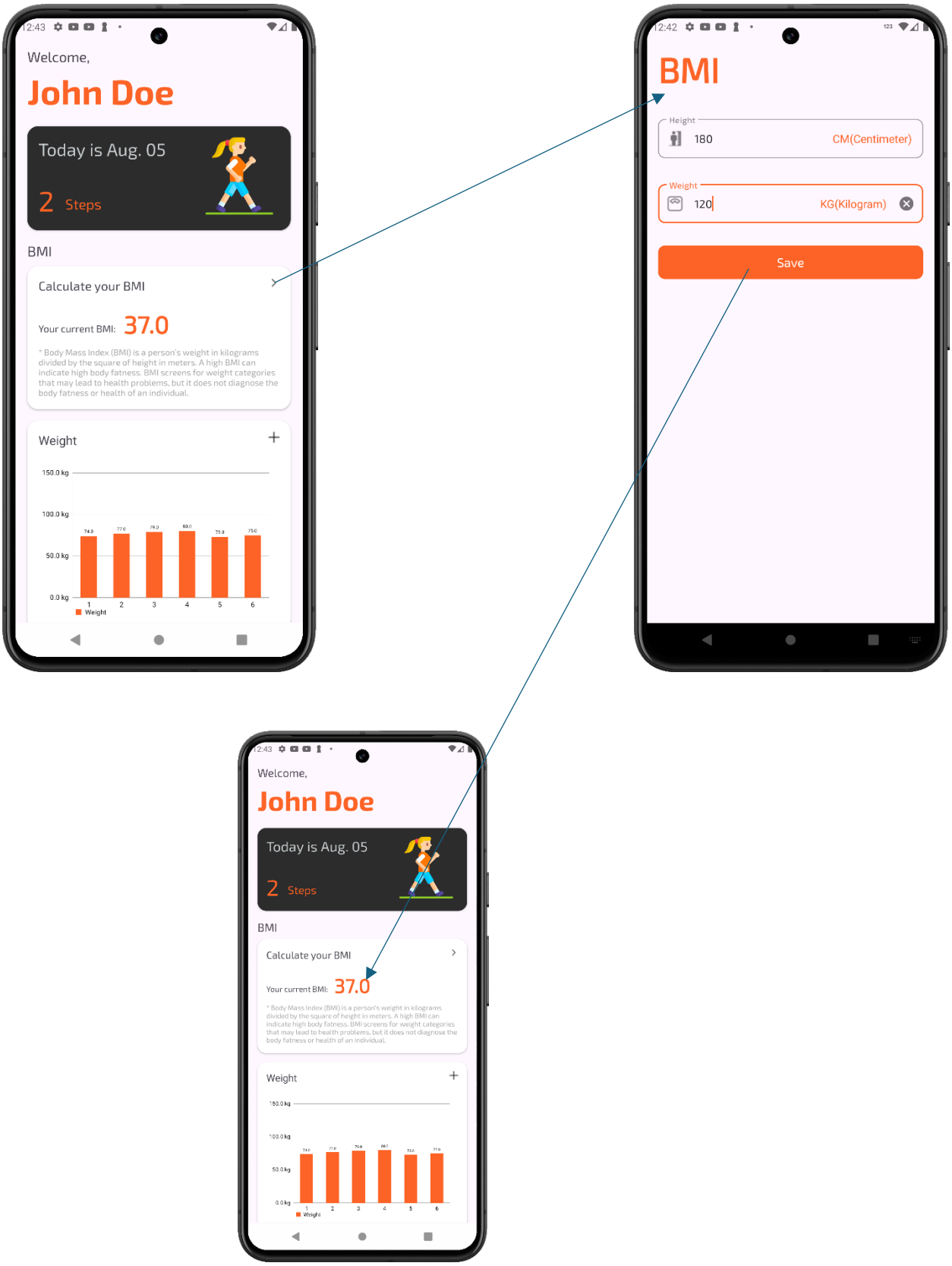
- Login


12:35
E-mail
1
Password
Register
Sign in

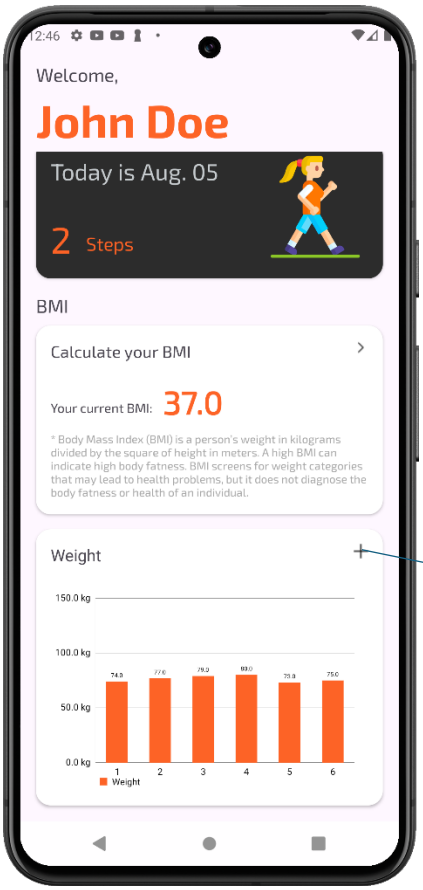

12:37
Welcome,
John Doe
Choose an account
to continue to HealthGO
Jie Mei
majorangeee@gmail.com
Jie Mei
majormei814@gmail.com
John
j71926467@gmail.com
Add another account
To continue, Google will share your name, email address, and profile picture with HealthGO.
100.0 kg
50.0 kg
0.0 kg
Weight

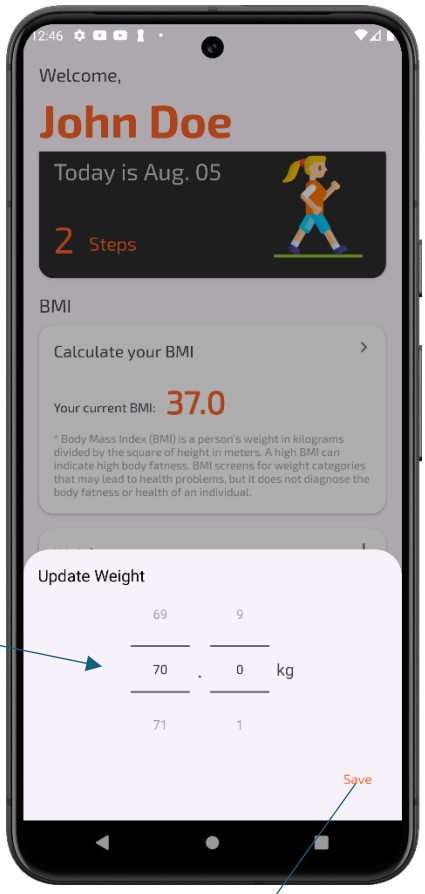

12:39
Welcome,
John Doe
Today is Aug. 05
2 Steps
BMI
Calculate your BMI
Your current BMI:
* Body Mass Index (BMI) is a person's weight in kilograms divided by the square of height in meters. A high BMI can indicate high body fatness. BMI screens for weight categories that may lead to health problems, but it does not diagnose the body fatness or health of an individual.
Weight
150.0 kg
100.0 kg
50.0 kg
0.0 kg
Weight

- Calculate BMI



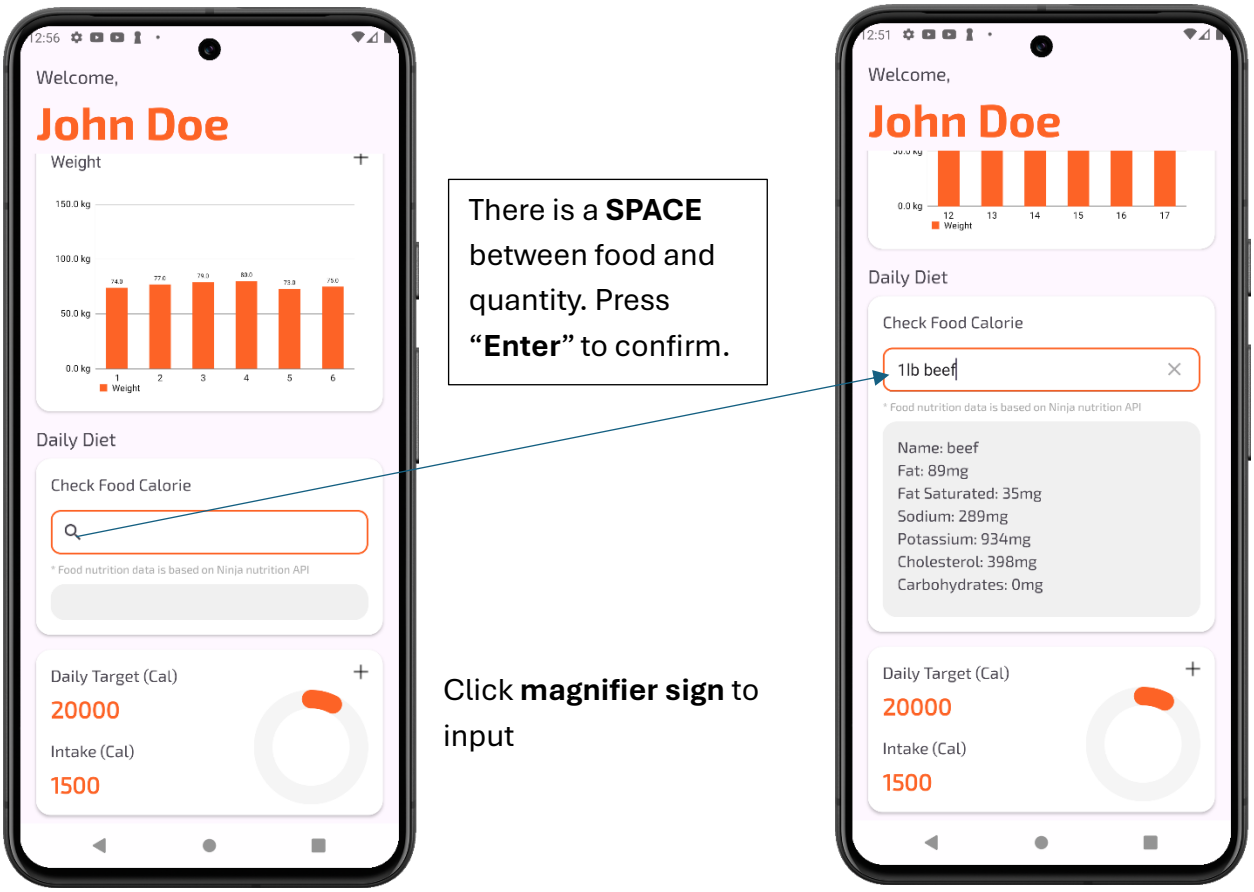
- Record Weight Change





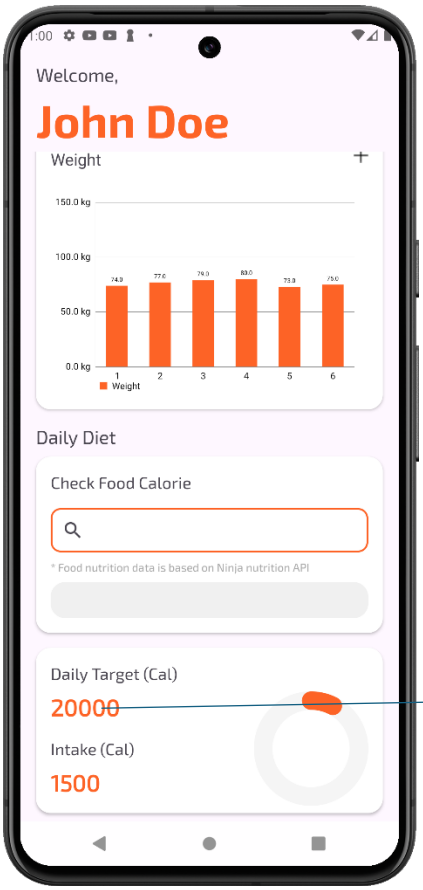
Left swipe bar chart to see updates

- Food Nutrition

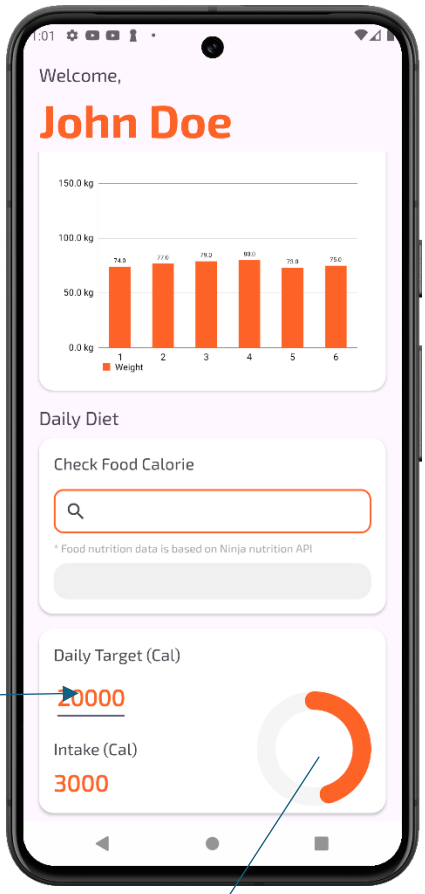


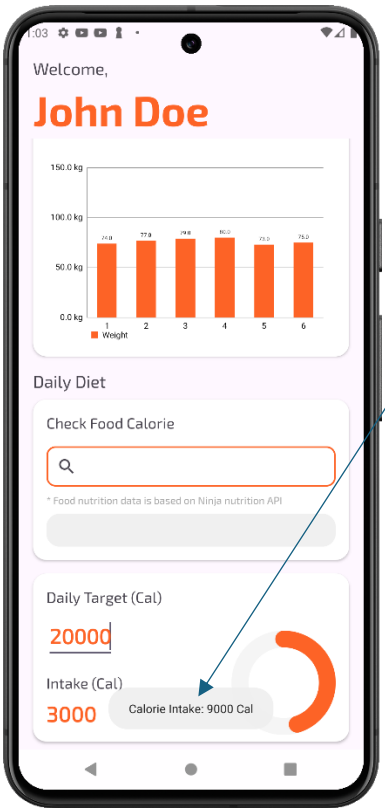
Note: The `Calorie` data is not free from API provider.

- Record Calorie Intake



Click numbers to modify and the circular progress bar will be updated in real time





Click progress bar to see how much calories have been taken