Richard Seabridge
CS 360 Mobile Architect & Prog
Southern New Hampshire University
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Weight Tracker Project 3

App Description: My Weight Tracking App is a simple, user-friendly mobile application designed to help users track their weight, set fitness goals, and monitor their progress over time. The app provides features like creating an account, logging weight data, and viewing progress through interactive graphs and charts. Users can set goals, receive progress notifications, and adjust their routines based on historical data. Whether you're trying to lose, gain, or maintain weight, this app provides the tools necessary to stay motivated and track your journey.

Key Features:

- User authentication (login/signup functionality)

- Weight entry and tracking with historical data

- Interactive graphs and progress reports

- Goal setting and reminders for regular updates

- Secure data storage

- User-friendly interface

 The app icon should be clean, simple, and reflective of health or fitness tracking. A minimalistic design featuring a scale or graph line could work well. A possible design might include a scale with a measuring tape or a stylized chart symbol to emphasize the tracking aspect of the app. The color palette could include calming and motivating colors, such as shades of blue, green, or purple.

2. Android Versions

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The Weight Tracking App should support Android versions 7.0 (Nougat, API level 24) and above, as these versions are widely used and ensure compatibility with most devices. Supporting these versions will also make sure the app can take advantage of newer features introduced in recent Android versions while maintaining a broad device compatibility range.

- Target SDK Version: The latest stable Android version will be used to ensure the app is future proof.

- Minimum SDK Version: Android 7.0 (API level 24), which will cover a wide range of devices while still supporting important modern Android features.

By targeting these versions, the app will be compatible with many devices, including older ones, while also being optimized for the latest improvements in Android.

3. App Permissions

The app should only request permissions necessary for its core functionality. Here's the list of permissions the app will ask for:

- Internet Access: Required for syncing data to a remote server or database (if applicable), or for fetching cloud data.

- Write External Storage: Required if the app allows users to store weight data or other information locally on their device.

- Read External Storage: Required to read images.

- Access Network State : Required to check whether the device is connected to a network for syncing data.

- Vibrate: To notify users through vibrations (for reminders or alerts).

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The app should not ask for unnecessary permissions like:

- Camera (unless the app involves taking pictures of items or other features related to the weight-tracking process).

- Location (unless tracking of users' location is relevant for the app's functionality, which it likely is not in this case).

It's important to clearly explain why each permission is necessary to avoid unnecessary user concerns.

4. Monetization Strategy

To make the app financially sustainable and generate revenue, the following monetization strategies can be considered:

- Ads (In-App Advertising):
  - Implementing non-intrusive ads (such as banner ads) in free versions of the app can provide revenue. Ads should be displayed in places that do not disrupt the user experience, such as at the bottom of the screen or between activities.
  - Ensure the ads are relevant to the target audience.

- In-App Purchases (IAP):
  - A premium version of the app could be offered, with added features such as unlimited data storage, advanced tracking, or custom workout plans. This would allow users to access additional functionality for a one-time payment or subscription.

- o Subscription models can be considered to unlock additional features like personalized health reports, premium notifications, or advanced progress tracking over time.

- No Ads (Paid Version):

  - o Another monetization strategy could involve a one-time payment to purchase an ad-free experience. Users who prefer a cleaner, uninterrupted interface would have the option to pay for this.

For now, a freemium model with basic features available for free and advanced features behind a paywall (or ads removed with payment) could be the best strategy.

5. Marketing and Promotion Plan

Once the app is ready for launch, the marketing plan should include:

- App Store Optimization (ASO):

  - o Using relevant keywords in the app's title and description will make it more discoverable in the Google Play Store. Keywords could include "weight tracker," "fitness," "health," and "goal setting."

  - o A clear and engaging app description, high-quality screenshots, and a demo video will encourage users to download the app.

- Social Media & Influencers:

  - o Promoting the app on platforms like Instagram, Facebook, and Twitter, especially within fitness and health communities, could help to gain attention.

- Reaching out to fitness influencers who can review or promote the app could lead to a wider user base.

- Referral Programs:

  - Users who recommend the app to others could receive rewards such as premium features or customization options.

- User Reviews and Feedback:

  - Encouraging users to leave positive reviews will increase credibility and help with user acquisition. Responding to reviews (both positive and negative) helps maintain a positive reputation.

- Email Marketing:

  - Once users sign up, they can be added to an email list to receive updates, new feature announcements, and promotional offers.