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CS 360 Mobile Architect and Programming

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**Weight Tracking app**

**Determine a plan for launch of the application that outlines all necessary components to support your app.**

**Application Description and Icon**

Regarding the description of my Weight Tracker app, detailed information such as how to easily operate and navigate the application would be included. Also, I would include information about the settings to help users customize the app and improve user experience. More importantly, an in-depth description of the application would be provided to enlighten users on the importance of maintaining good health through regulating body weight. This would include app features, functionalities, and customizability. Information on how invaluable the Weight Tracker application is to achieving a perfect body weight would also be included in the description. Additionally, privacy information and users’ personal information security details would be included. In the app store, my app will be represented by a weight/health icon. Below is the screen short of how my app is going to look once launched into the app store.

A black and white logo

Description automatically generated

**Android Version**

My Weight Tracker app would be backward compatible. As of the time of this writing, the latest version of Android is Android 14. This new version of Android comes with advanced features such as simplified authentication through Credential Manager, Health Connect for securely accessing user health data among others. It is important to ensure the app is made available to all, especially people with profound interest in their health—their weight to be more specific. This drives home the need to use a version of Android that is compatible with both newer and older versions of Android. Not everybody uses the latest technology. Regardless of the limitations of older versions of Android, it is essential that the app be made available to all. Android versions 10 and 11 are still widely used. Targeting Android 6.0 (Marshmallow), having API level 23 or later versions tends to cover a significant portion of the Android users while ensuring a good balance between compatibility and leveraging newer features in the most current versions.

**Permissions**

As given in the assignment, my Weight Tracker would ask for permission to send SMS notification when the user has reached his or her targeted goal. This would be the only permission the application would ask. It must be noted however that, as time progresses, regular improvement in the form of advanced functionalities would be added to the app. Features like email notifications and daily app notifications would be added to help the user stay on course. These would serve as reminders for daily entries. Such (new) features would require users’ permissions. The app seeks user consent to use their information to recommend and tailor work out plans specific to the user. With each new major system or app update would come a revised user agreement.

**Monetization Plan**

At the moment, there is no plan for monetizing the application. It is simply to help people navigate the journey of either losing or gaining weight. As someone who is concerned about my health, the public including myself can use this app to establish and maintain healthy habits. That way, we can all have the perfect body weight we desire. The services and functionalities of the application would be available to all. There would not be any categorization of users. There is nothing like a premium account using this app. Everything is available to all. However, if advertisers express interest in using the platform to market their products, then it would come at a cost to them. Just like most other apps, Weight Tracker would monetize the app through ads.

**WORKS CITED**

Android Platform. Android Developers. Retrieved from <https://developer.android.com/about?gclid=EAIaIQobChMIxLiI2OqNgwMVAaJaBR39tAcaEAAYASAAEgISvfD_BwE&gclsrc=aw.ds>