

Sean Rowell

SNHU

CS-360-T3349

Mobile Architect and Programming

Milestone 2-3

## Goals and Users

The app that I have chosen to work on for this course is option 3, A weight tracking app. The goal of this app is to allow users to create or log into the app and then set a goal weight, add daily weights each day and view both the goal and past daily weights in a grid format or a table. In addition to the data viewed, two buttons will be included in order to add a new daily or goal weight. In order for the user to log in, a login and create account screen must be included as well. Since this app will be coded in java, I'll store the daily weights and the corresponding date in a hashtable, with the data string being the key and the weight being the value. Then in order to display the info I'll use either a grid or a table. A grid can be made using the `GridLayout()` function while a table can be made using a `JTable`.

A mobile app I found on the app store simply named "Monitor Your Weight" appears to accomplish several if not all of the tasks we're looking for in our app. Another app that fits our description is called "WeightFit: Weight Loss Tracker". Both of these apps allow a goal or target weight to be entered, along with entering daily weights that are then displayed in multiple ways. Both app's display the data in a line graph as well as having a history page.

User's of this app can vary and have different goals or outcomes from using our app. One user might be using our app to help them lose weight by tracking their progress and giving them a visual representation of their progress. Another user might be a fitness enthusiast and wants to keep track of their weight as they train their bodies. A third type of user could be someone who tracks their weight for medical reasons to ensure they are staying healthy and not

gaining or losing too much weight. This app could fit into many types of lifestyles and shouldn't take up too much of their time. Entering your weight each day should be quick and easy, and even setting up the app for the first time shouldn't take too long. Minimal info is required and should be quick and intuitive. I would estimate that first time setup could be completed within ten minutes and daily weight entries within only five minutes.