

Apple Watch Weight App

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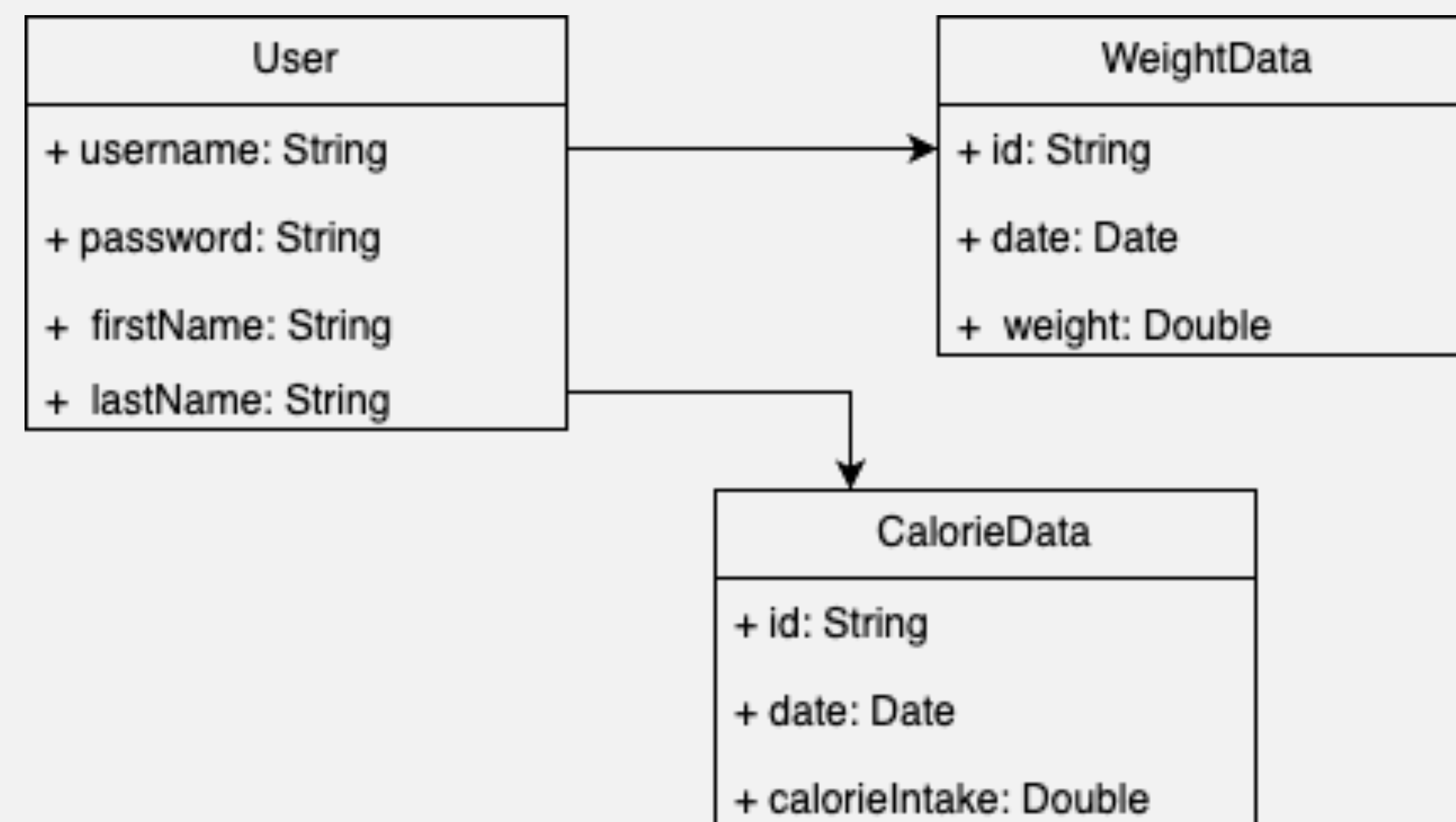
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Problem

- Last semester's iteration of the watch app included solely the graph component at an early stage. While the weight scale is being developed, we can move further with the application and provide further actions on the application that would be useful for someone tracking their weight, like monitoring their calories and seeing visually how far they've progressed using statistics.

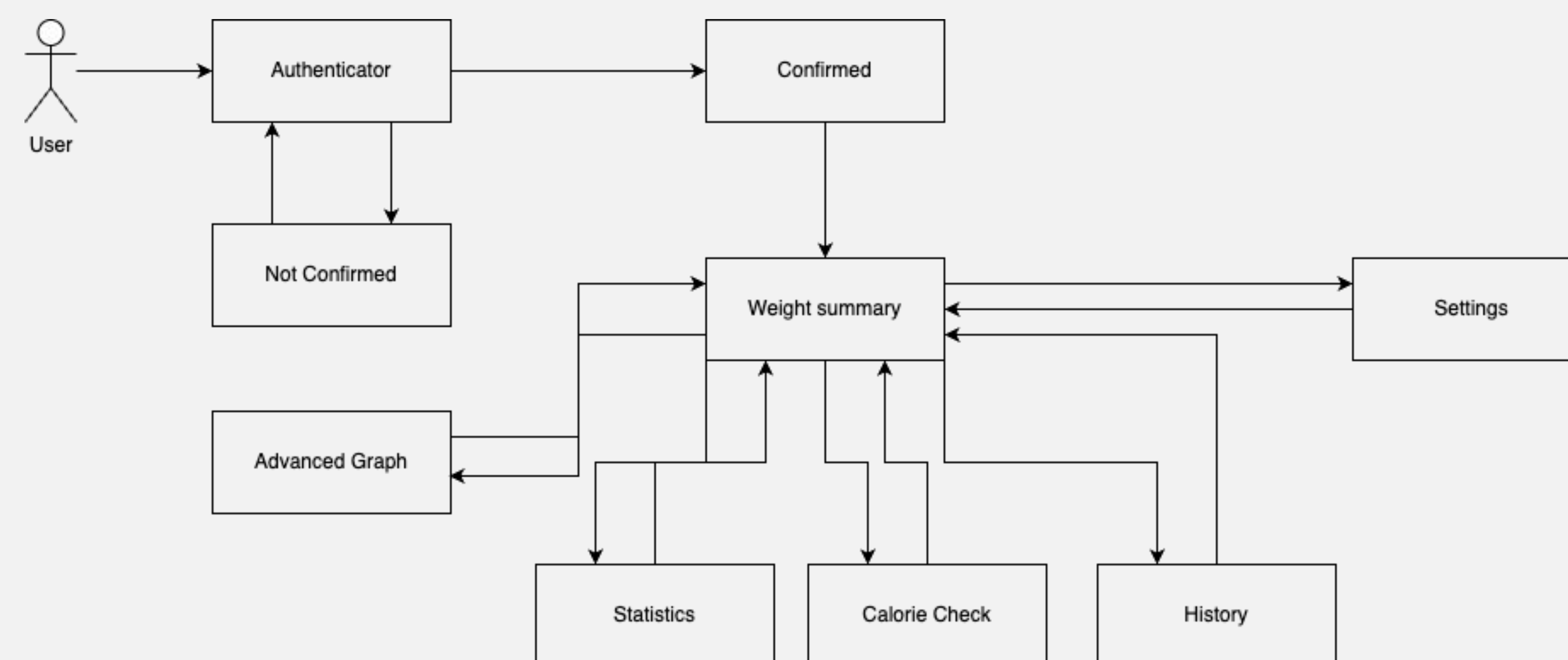
System Design



Current System

- Apple watch application which is centered around the graph detailing user weight over a period of time.
- Whilst the bluetooth device is still in development, the graph and other associated features with its data uses hard coded data.
- Person can choose additional pages such as Statistics and Calorie check.

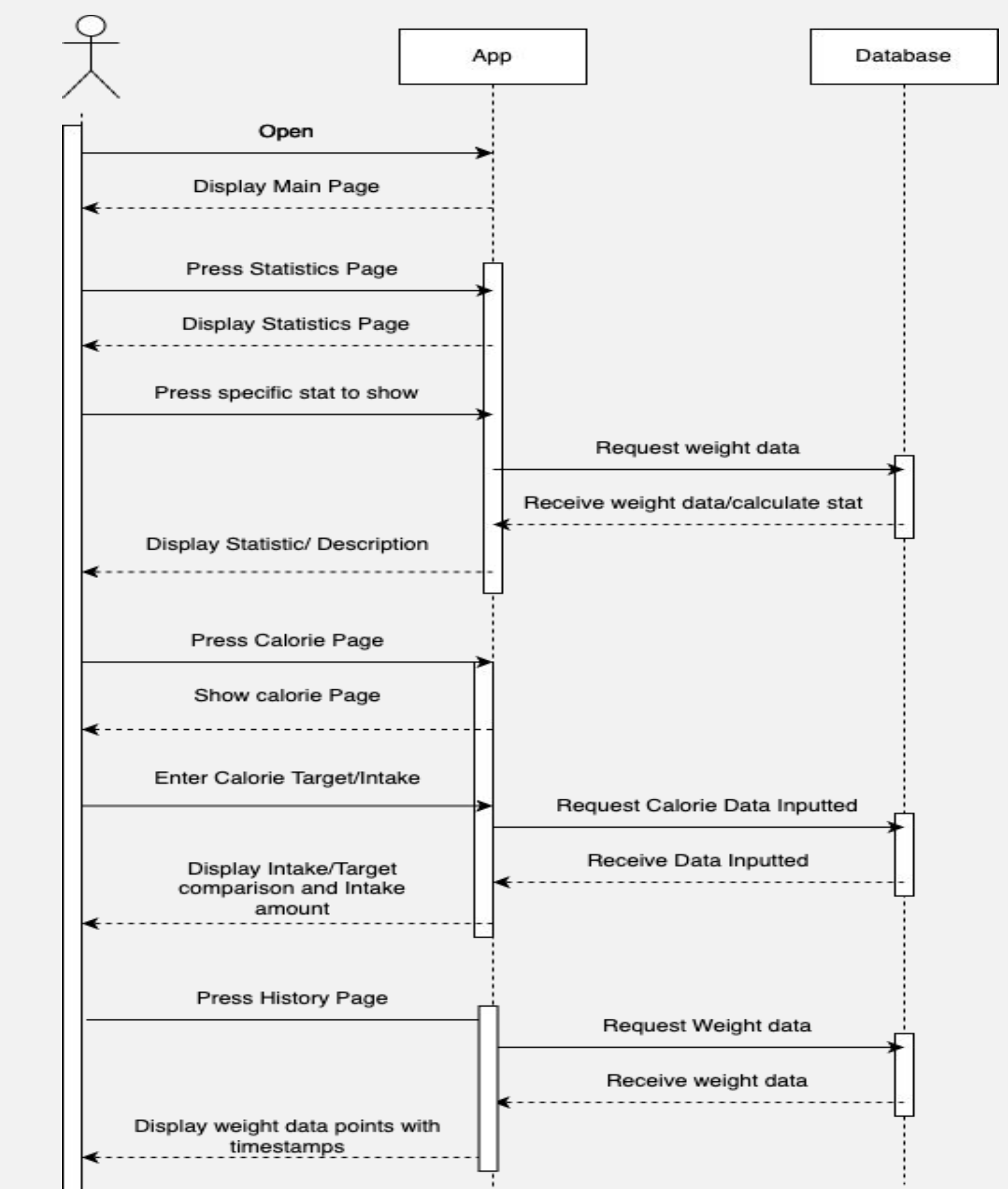
Object Design



Requirements

- Mac Computer
- Latest version of Xcode, MacOS, and watchOS
- GitHub

Implementation



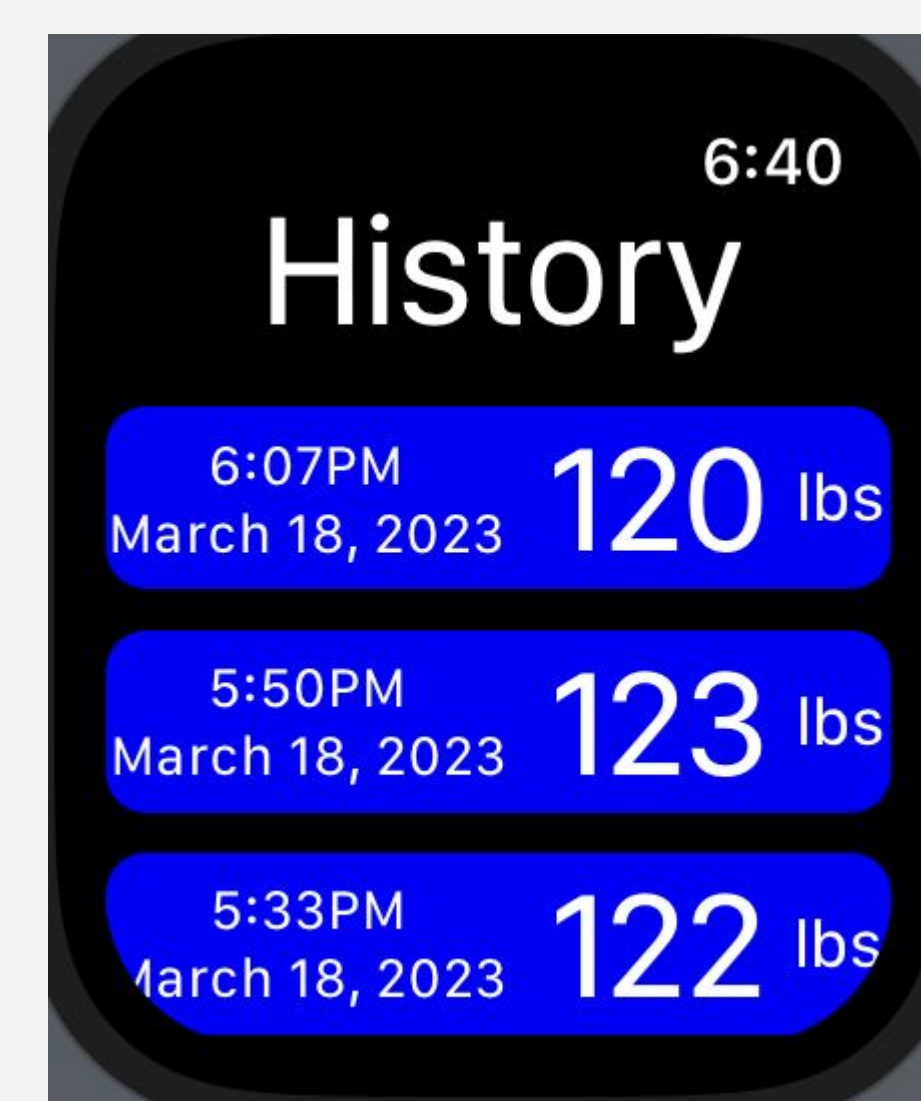
Summary

- The watchOS application now has a History, Statistics, and Calorie Page. The first two directly use data taken from the graph.
- Data for graph can be manipulated to change the data used in History and Statistics pages
- Calorie intake can be easily inserted and can be compared to the target weight that a user sends.

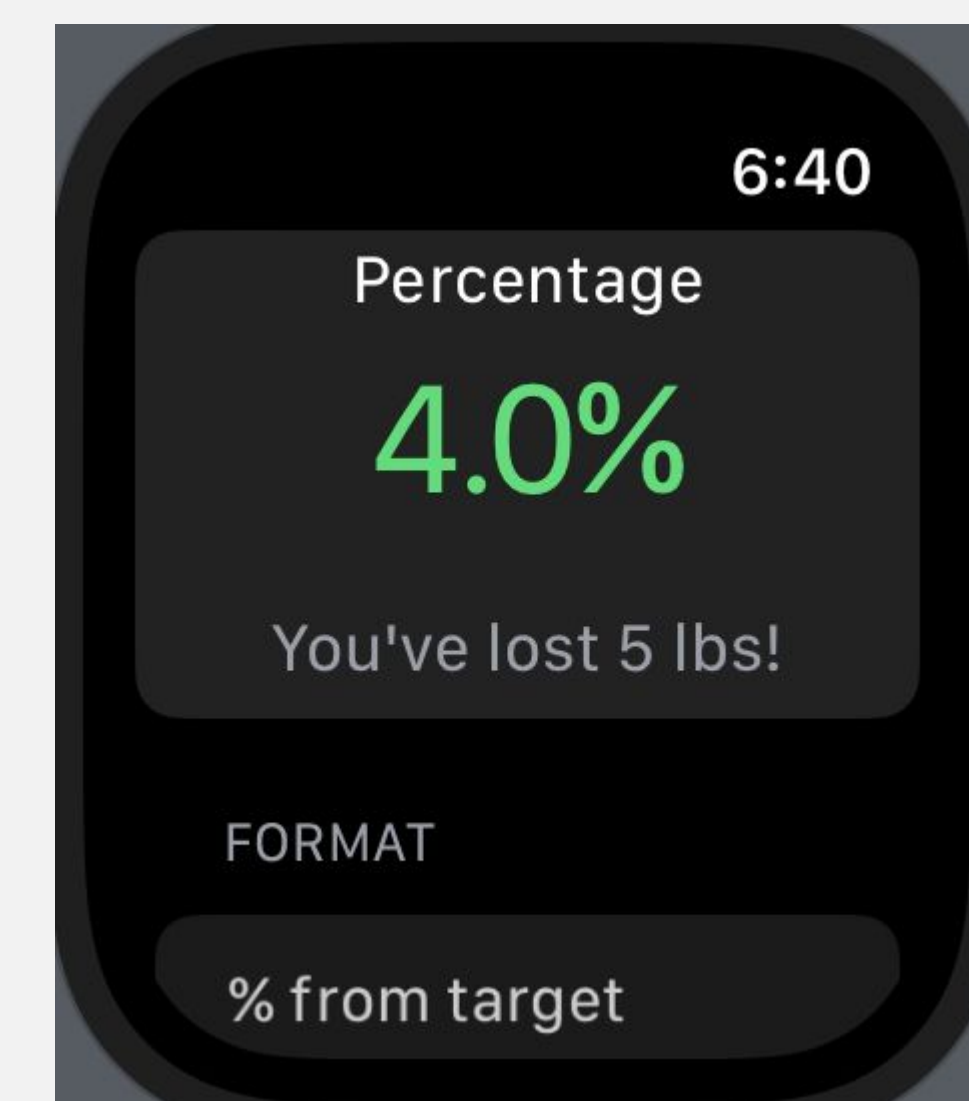
Verification

System test case #1	
System test case: WatchOS Graphs/Statistics	
User story: WatchOS Statistics	
Purpose: Implement Statistics page for watch app using existing graph data	
Pre-Conditions	Open WatchOS app and scroll down, click on statistics page and choose one of the two formats
Expected results	User should be able to see statistic as a percentage and description of what the stat means, depending on which format is chosen.
Actual results	User should be able to see statistic as a percentage and description of what the stat means, depending on which format is chosen. The user can see through the color of the percentage (green/red) to determine if weight goal is met.
Status	Pass

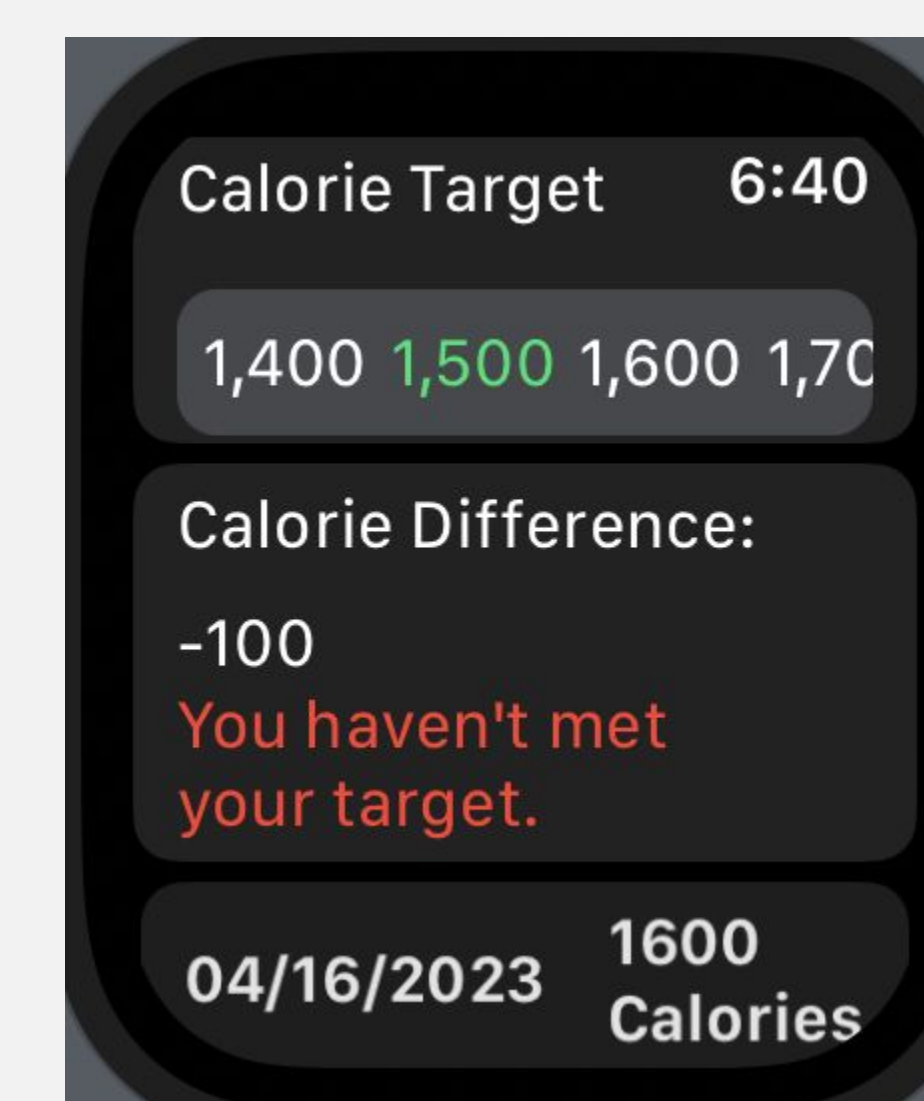
Screenshots



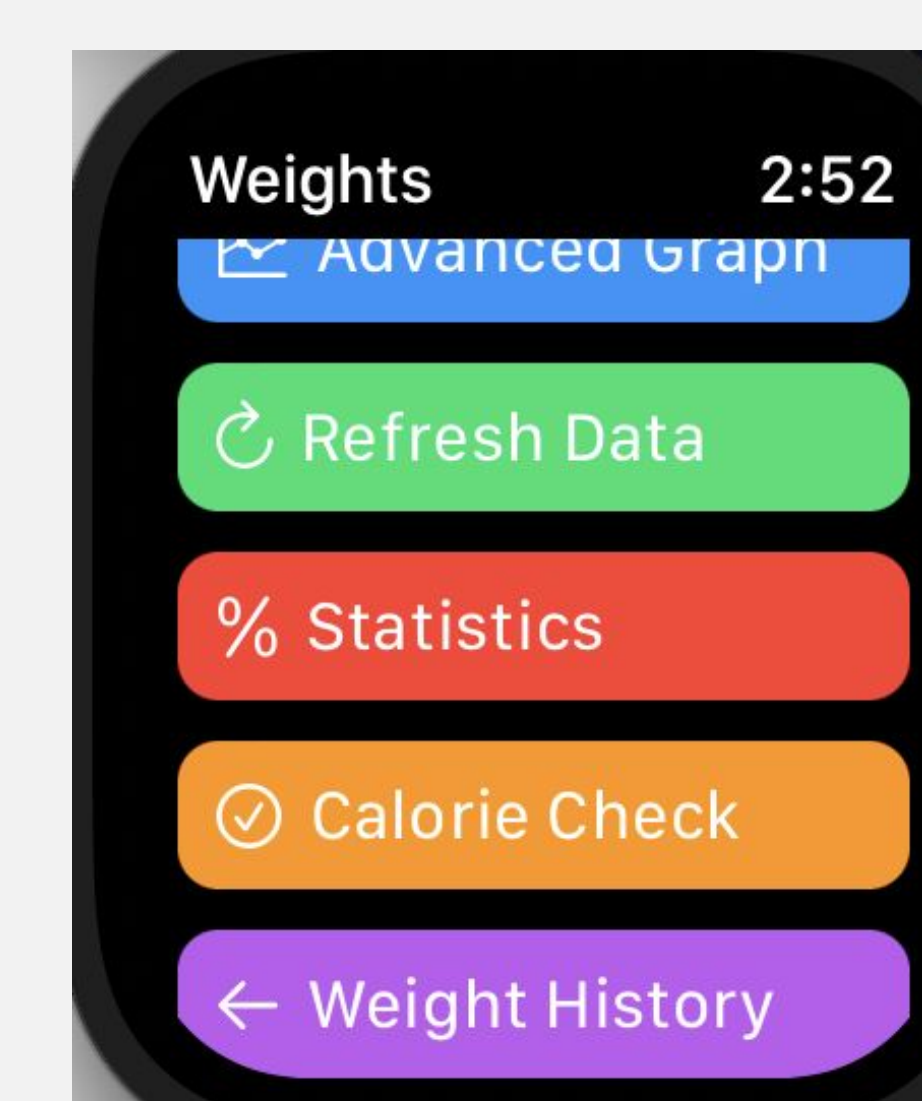
History Page



Statistics Page



Calorie Page



Calorie Page