

Assignment 2 Update Report

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I. New Wireframes

Carrier

7:53 AM

Welcome! We just need to know a few things to get you started.

Calorie Intake Goal

Required

cal

kj

Weight

Optional

kg

lb

Submit

Carrier

7:58 AM

Back

APPLE

52

2

Add Meal

Food Search

Apple

×

APPLE - 52 cal

EMPIRE APPLE - 52 cal

SORB APPLE - 52 cal

ELLA'S KITCHEN APPLES APPLES APPLES - 42 cal

APPLE COUNTRY APPLES - 7 cal

APPLE JELLY, APPLE - 250 cal

APPLE COUNTRY, APPLES - 51 cal

APPLE BUTTER, APPLE - 204 cal

APPLE SAUCE, APPLE - 50 cal

Carrier

8:01 AM

<

Today

>

2500 - 1104 = 1396

Goal Food Remaining

| Meals | Time | Calories |
|----------------|-------|----------|
| Chicken Recipe | 08:00 | 1000 |
| APPLE | 07:59 | 104 |

+

Meals

Weight

Chart

Settings

Carrier

8:06 AM

Back

Name

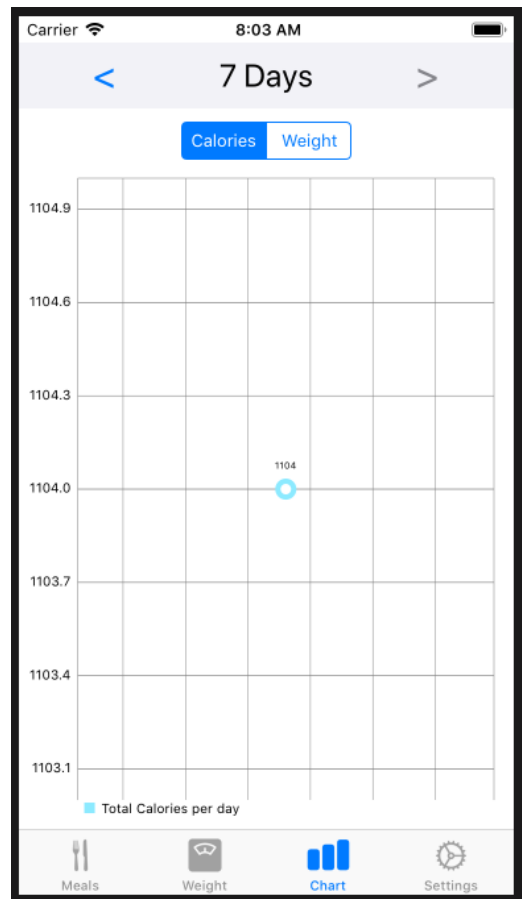
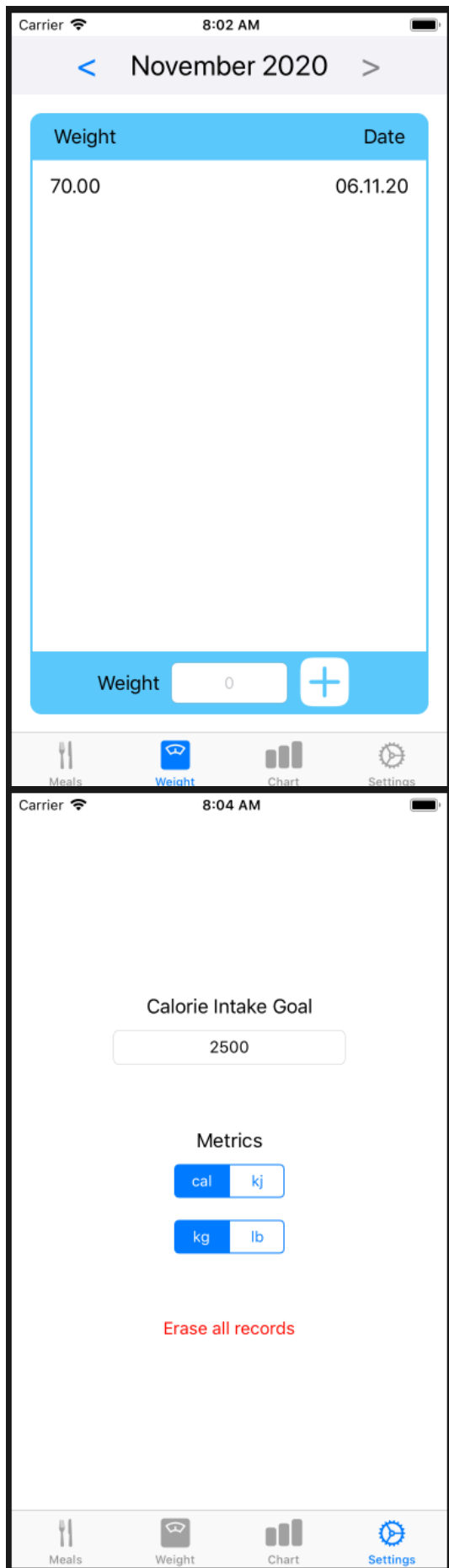
APPLE

Calories

104

Update

Delete



Calorie Intake Goal

2500

Metrics

cal kj

kg lb

Erase all records

II. Github

- <https://github.com/GeloParlade/rmit-S2-2020-iPhone-a2-s3688144>

III. Development Environment

- Xcode 11.6
- Swift 4.2
- Minimum IOS 12
- Simulator: iPhone 8 IOS 12

IV. Known Bugs

- Add Meal Page:
 - i. Status Indicator is frozen and seen even when search results from the API are received and processed. Also results from searching is not shown until user interacts with the screen for example by scrolling or tapping a text field. Might be a simulator related problem. Cannot test on an iPhone due to lack of access to one.

V. Planned Improvements

- Add edit and delete existing weight records functionality.
- Research on a better nutrition API.
- Improve iPad layout compatibility and design to make use of available space more such as adding a split view.
- Need to show date x-axis of charts in an elegant way.
- Store calorie per serving and serving amount for each meal that can also be edited. Atm only store total calorie, name, and date.
- Provide an option to add change the calorie metric used from the AddMealView instead of needing to go to the Settings view.
- Create a better way of navigating dates instead of having to go through each date one by one.

VI. Assignment Requirements Notes

- Master/Detail View controller not used but instead used a master/detail form of relationship between meal table cells and a view controller.
- No unit testing done.