Systems and Unit Test Template CMPS 115
November 23, 2016
NutriFit

System Test Scenarios:

User Story from Sprint 1:
-As someone who wants to lose weight, I want to be able to record my meals so I can keep track of what I eat.

Scenario:
1. Start NutriFit app
2. Select *Nutrition*
3. Select *Manually Add Food*
4. Type in all of the known food information and then press *confirm*
5. Select *Add New Meal*
6. Type in a name for your meal and press *confirm*
7. Touch all of the foods you wish to add to your meal, press the back button when done
8. Select *Meals*
9. Touch your meal to eat it

User Stories from Sprint 2:
-As someone who wants to lose weight, I want to be able to see my daily caloric intake so I can better adjust my diet.
-As someone trying to gain muscle, I want to be able to monitor my food macronutrients so I can ensure that I am meeting my daily nutritional goals.
1. First complete the steps listed in the "*As someone who wants to lose weight, I want to be able to record my meals so I can keep track of what I eat.*"
2. From the homepage of the app Select *Nutrition*
3. Select *Daily Food Log*
4. Select *The Current Day*
5. *Additionally:* From the homepage of the app Select *Nutrition*
6. Select *Graphs*
7. Select *Calories* or other desired macronutrient

-As someone working out, I want to be able to input my specific workout routine to access later.
1. From the homepage select *Fitness*

2. Press the red "+" button in the bottom right corner to create a new program.
3. Select *Create New Program.* Enter program name, i.e. "James' Custom Program". The workout list for the new program will appear (initially empty).
4. Press the red "+" button in the bottom right corner to add an existing workout to your new program. Choose from the list of your existing workouts to add it to the current program and return to your new program's workout list. (not available unless you have already created another workout program)
5. Press the red "+" button in the bottom right corner to add a new workout to your new program.
6. Select *Create New Workout.* Enter workout name, i.e. "Leg Day". The exercise list for the new workout will appear (initially empty).
7. Press the red "+" button in the bottom right corner to add an existing exercise to your new workout. Choose from the list of your existing exercises to add it to the current workout and return to your new workout exercise list. (not available unless you have already created another workout).
8. Press the red "+" button in the bottom right corner to add a new exercise to your new workout.
9. Select *Create New Exercise.* Enter exercise name, number of sets, reps per set, start weight, increment weight and rest time between sets in their corresponding text fields, i.e. "Squats, 3, 10, 50, 5, 90".
10. Press confirm to return to your new workout exercise list, which now contains the exercise you just created.

User Stories from Sprint 3:
-As a user, I want to be able to scan a food item's barcode and have that item be added to the database.
1. Start NutriFit app
2. Select *Nutrition*
3. Select *Scan Bar Code*
4. Scan a food item barcode
5. Select *Confirm* after the lookup is complete

-As someone working out, I want to be able to log the repetitions and amount of weight I use during each set of an exercise so that I can track the progression of my strength.
1. From the start page select *Fitness*
2. Select an existing workout program from the list (not available unless a program has already been created)
3. Select a workout from the list of workouts in the selected program
4. Select *Quick Start*
5. Select an exercise from the list of exercises in the selected workout
6. Select an exercise set to track

7. Enter the number of repetitions and the total weight you used (your targets for this specific exercise and set are autofilled)
8. Press *Log Set* to record the entered set information.

-As someone working out, I want to be able to see an insightful visualization of my exercise progress over time.
1. Start NutriFit app.
2. Select Graphs
3. Enter the name of the exercise to be visualized in the name entry field.
4. Select *Change Exercise*.