**Progress Report**

**- Increment 3 -**

**Group #11**

# Team Members

* 1. Tristan Ferrara; trf15d; tristanferrara
  2. Kiara Boone; klb17b; kiboone
  3. Jared Rice; jnr17b; jarednrice
  4. Jeffrey Manassa; jwm16b; jeffmanassa97
  5. Kaedon Hamm; kah16h; Nodeak
* **Project Title and Description**

KitchGym is a fitness/health website that allows you to record your old workouts as well as create new ones. It also allows the user to track their calories by inputting a food in the Input Macros page and then selecting the food they want to add. At the end of the day, the amount of calories is then logged and presented to you on the Calorie Log page. This information is stored with the user’s account, along with the user’s weight and goal weight.

* **Accomplishments and overall project status during this increment**

After moving to the website we have accomplished the following:

* 1. Created a running Web-based application
  2. Developed database and back-end functionality
  3. Allow for users to sign-up and sign-in to the application
  4. Developed workout generation and display
  5. Successful integration of Nutrition Facts API
  6. Reset user’s calories every day
  7. Develop Calorie Log for users
  8. Develop appealing User Interface
  9. Documentation in the source code
* **Challenges, changes in the plan and scope of the project and things that went wrong during this increment**

In this increment we have chosen to shift our focus from creating an Android app to instead making a website; this decision was not made lightly, as we have been working in Android Studio up to this point. However, we were dissatisfied with the slow progress being made due to confusion, lack of communication, and unfamiliarity with Android Studio. Based on the expertise of our group members Kiara and Kaedon, we made the decision to switch to a website in order to better utilize our strengths and create a better project.

* **Team Member Contribution for this increment**

**Kiara Boone**

* P**rogress Report**
  + Uploaded all documents to group Drive
  + Filled out Team Members, Project Description, and Challenges/Changes for this Increment
* R**equirements and Design Document**
  + Re-did use case diagram using correct software
  + Placed sequence diagram into correct section
  + Removed incorrect execution-based functional testing documentation
* **Implementation and Testing Document**
  + Removed unused APIs
  + Removed improper documentation from Execution-based Functional and Non-functional Testing
  + Fixed Execution-based Functional and Non-functional Testing, and Non-Execution based testing
* S**ource Code**
  + Created new React application
  + Developed workout generation
  + Developed Gym side user interface
  + Developed back-end functionality
  + Integrated Nutrition API

**Kaedon Hamm**

* P**rogress Report**:
  + Updated Progress Description
  + Updated Accomplishments
* R**equirements and Design Document**
  + Provided calculations for macros to calories
  + Updated Non-Functional Requirements
    - Basic description of website
    - What APIs we used and link to where we found them
    - Removed weight calculations
  + Added Login and Sign Up flow for Case Diagram description
* **Implementation and Testing Document**
  + Execution-based Functional Testing
    - Added description about Calorie Log
* S**ource Code**
  + Set up Schema for MySQL Database’
  + Developed back-end functionality
  + Researched NutritionFacts API
  + Helped integrate NutritionFacts API
  + Developed Input Macros functionality on the NutritionHome
  + Developed Calorie Log for each User

**Jeff Mannassa**

* P**rogress Report**:
  + Added my contribution to project status section
  + Added portion to project description.
* R**equirements and Design Document**
  + Recreated the sequence diagram
* **Implementation and Testing Document**

# Added to “Programming Languages” and MySQL portion in “Platforms, APIs, Databases, and other technologies used” section

* S**ource Code**
  + Documentation on KitchGym official website.
  + Changed the text color to white so it is easier to read, as per Sonia’s recommendation.
  + 90% of Kitchen side on trashed mobile application.

**Jared Rice**

* P**rogress Report**:
  + N/A
* R**equirements and Design Document**
  + Created UML class diagram
* **Implementation and Testing Document**
  + N/A
* S**ource Code**
  + Implemented workout timer in the android app.

**Tristan Ferrara**

* P**rogress Report**:
  + Updated project description with switch from app to website
  + Added the explanation about moving to a website in the “Accomplishments,...” section
* R**equirements and Design Document**
  + Updated info to be in line with the switch from app to website
  + Updated use cases
  + Updated Use Case Diagram
  + Updated Class Diagram
* **Implementation and Testing Document**
  + Updated info to be in line with the switch from app to website
  + Added *NutritionTest* API section in Section 2
  + Added *React* library section in Section 2
  + Removed mentions of *Firebase* API as it is no longer in use in our project
* S**ource Code**
  + **Website**
    - Modified CSS code to make background gradient across website
    - Improved visual appeal of website
  + **App**
    - Created and implemented App Icon
    - Fixed a runtime error concerning the background image
    - Updated Input Food to have a place to enter food, meal, and calories
    - Centering tiles/buttons, updating colors, and other design elements