CEN4020 Group Project Iteration 1 Progress Report

1.) Group Members

a.) Tristan Ferrara; trf15d; github: tristanferrara
b.) Kiara Boone; klb17b; kiboone
c.) Jared Rice; jnr17b; github: jarednrice
d.) Jeffrey Manassa; jwm16b; jeffmanassa97
e.) Kaedon Hamm; kah16h; Nodeak

2.) Project Title: KitchGym

a.) Description: The KitchGym is a fitness/health mobile app that allows you to record your old workouts as well as create new ones. The results of these workouts can then transfer over to the health portion of the app where meals can be created depending on your required calorie intake.

3.) Accomplishments and Status this increment

a.) Set up GitHub repository
b.) Two teams created,to divide work between Kitchen/Gym side
c.) Developed User Interfaces for:
    i.) Main home page
    ii.) Kitchen home page
    iii.) Gym home page
    iv.) Workout Generation pages
        (1) Select Target Muscle Groups
        (2) View Generated Workout
        (3) Edit Workout
        (4) Do Workout

4.) Challenges, changes, and things that went wrong in this increment

a.) Collaborating on same part of project and merging changes
b.) Talked about using React Native rather than Native Android; ultimately decided to use Native Android, as using React Native would require most members to learn JavaScript and the React framework
c.) Communication about progress on project
d.) How to use Android Studio

5.)   Team Member Contribution for this increment

a.) Tristan Ferrara
  i.)   Progress report: imported into google docs for collaboration; added project title and description;
  ii.)   Requirements and Design document: imported into google docs for collaboration;
  iii.) Implementation and Testing document: imported into google docs for collaboration;
  iv.)   Source Code: Added buttons to main menu; added button functionality to switch between Kitchen and Gym pages of app
  v.)   Video: Made, recorded, and edited

b.) Kiara Boone
  i.)   Progress report: Helped set up GitHub for collaboration, Contributed to plans for next increment, accomplishments
  ii.)   Requirements and Design document: Filled operating environments
  iii.) Implementation and Testing document: Contributed to Programming Languages and APIs, and filled in non-execution based testing
  iv.)   Source Code: Developed Gym side UIs: Gym home page, Muscle Group Selection, View Workout, Edit Workout, Do Workout
  v.)   Video: No direct contribution this iteration.

c.) Jeffrey Manassa
  i.)   Progress report: Developed source code plan for the first increment, to set up UI primarily.
  ii.)   Requirements and Design document: Developed use cases for use case diagram.
  iii.) Implementation and Testing document: Added to execution-based non-functional testing.
  iv.)   Source Code: Developed home page layout and images, and created empty gym and kitchen activities. Assisted in setting up github repository.
  v.)   Video:

d.) Jared Rice
  i.)   Progress report:
  ii.)   Requirements and Design document: Listed the functional and non-functional requirements. Converted use case diagram from pen and paper to digital.
  iii.) Implementation and Testing document: Contributed to the API/databases section.
  iv.)   Source Code: Implemented internet functionality and the Volley HTTP library. Added functionality to gym buttons.
  v.)   Video: No direct contribution this iteration.

e.) Kaedon Hamm

      i.)   Progress report: Set up GroupMe for communication, set up Github for host of source code, split up members into two teams: Kitchen and Gym

      ii.)   Requirements and Design document: Filled in Overview, created Use Case Diagram, explained Operating System, filled in Assumptions and Dependencies

      iii.)   Implementation and Testing document: Filled in information about the Functional and Non-Functional testing/execution

      iv.)   Source Code: Setup project Github for group to contribute to

      v.)   Video: No direct contribution this iteration

6.)   Plans for next increment

a.) Develop back-end

b.) Integrating various APIs

c.) Workout generator to call Wger API and create custom workouts

d.) Display exercises and generated workouts

e.) Create a theme for the application (that isn't the default Android Studio one)

f.) Implement calorie counter

7.)   Video Link

a.) https://youtu.be/rF-wb-y64sw