Progress Report
- Increment 1 -
Group #2

1) Team Members

Henry Gilbert   *hg19b*   *henrygilbert22*

Sophie Pavia   *srp19*   *sophiepavia*

Jack Garthwaite   *jtg17f*   *jtg17f2*

Alejandro Serrano as18a c alexserrano19

Sydney McGinnis   *sem18*   *pepperdog80*

2) Project Title and Description

fitnessApp: A fitness app to help track your workouts and then make suggestions for future workouts based on your current level and goals. Will includes statistics about workouts and progress. The user will be able to create their own or start a predetermined workout. Calculator features will be available, including 1RPM calc, BMI calc, Calories calc.

3) Accomplishments and overall project status during this increment

We have gotten the main skeleton structure of our app created. We also have the landing page, and three questionnaire pages to grab basic information from the user. Sydney was crucial in developing the skeleton of the three questionnaire pages. Sophie created the landing page where we have three tabbed pages including home, workouts and more. On the home page the user can access their profile page which will eventually include their basic info from the landing page. On the workout page Jack implemented a create exercise feature. On the more page Alejandro created a calories calculator page. Henry added a BMI calculator page. Finally, we have added in basic UI components, such as backgrounds, button icons and an app icon.

4) Challenges, changes in the plan and scope of the project and things that went wrong during this increment

Please describe here in detail:
- A large initial challenge for the group was learning Swift. To be frank, we all had very little experience in the program and the initial learning curve was steeper than originally anticipated. This did not change our fundamental plan, but we did alter our timeline to create a more realistic pace considering our lack of expertise.
- Pulling from main and merging to main in GitHub was something that we struggled with in the beginning. Each of us would not always have the most up to date version and there were discrepancies between main and our own local versions. We fixed this though by letting each team member know when we were ready to commit to main.
- We are still unsure on how we want to implement the actual workouts. We have decided we need to create predetermined workouts first because that will be the easiest route. However, we will revisit how we want the user to create their own workouts once we make further progress on the project.
- In the increment, excluding the slight pace change and learning curve of Github (due to a better understanding of our work velocity) nothing has gone wrong. Group members are accomplishing the set tasks each week and we are making steady progress in accordance with our timeline

5) Team Member Contribution for this increment

*Please list each individual member and their contributions to **each of the deliverables in this increment** (be as detailed as possible). In other words, describe the contribution of each team member to:*

Henry Gilbert:

- *Created structure and algorithm BMI calculator*
- *Created timeline plan and delegated responsibility*
- *Primary contributor to progress report, RD and IT documents*
- *Created Class Diagrams*
- *Collaborated on the video*

Sophie Pavia

- *Created fundamental structure for program*
- *Including the Main page, profile page, and tab feature*
- *Implemented navigator for the system*
- *Assisted in creation and editing of documents*
- *Showed the team how to link git to Xcode*
- *Collaborated on the video*

Sydney McGinnis

- *Created structure for transitions between view controllers*
- *Added fundamental UI components*
- *Created color and design of UI*
- *Assisted in creation and editing of documents*
- *Commented all the code*
- *Collaborated on the video*

Alejandro Serrano

- *Created calorie calculator page*
- *Implemented fundamental structure for calculator algorithm*
- *Assisted in creation and editing of documents*
- *Assisted Sydney and Jack on setting up git through their terminals.*
- *Collaborated on the video*

Jack Garthwaite

- *Created structure for workout page*
- *Created structure for workout creation within said page*
- *Contributor to the RD document*
- *Created the use case diagram*
- *Collaborated on the video*

6) Plans for the next increment

For the next increment, we plan to achieve the fundamental code basis for the app. More specifically, all functionality surrounding user input, creation of user profiles, persistent data, the logging and creation of workouts, user friendly UI and finally, the ability to recommend custom workouts based on logged details. While this is a lofty goal, our current velocity in the first increment indicates this workload is within our bandwidth. Thus, accomplishing this in the second increment gives us an entire increment to focus purley on finalizing UI and adding additional features along with testing and bug fixes.

7) **Link to video**
   https://youtu.be/vCkELnpFgos