**Progress Report**

**- Increment 3 -**

**Group 2**

*Please use this template to describe your progress on the group project in the latest increment. Please do not change the font, font size, margins or line spacing. All the text in italic should be removed from your final submission.*

# **1)** **Team Members**

Sydney McGinnis sem18 pepperdog80

Sophie Pavia srp19 sophiepavia

Henry Gilbert hg19b henrygilbert22

Alejandro Serrano as18ac alexserrano19

Jack Garthwaite jtg17f jtg17f2

**2)** **Project Title and Description**

fitnessApp: This fitness app allows the user to select from a variety of workouts and log each workout they complete. They can also login through Google so their information will be saved each time they open the app. The saved information includes their BMI, calorie calculator information, and all of the past workouts they have completed.

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

In the final increment, our app has many new changes including: updated user interface developed by Sydney, a database and API where all of the workouts are logged and persistent developed by Henry, profile page finished and debugging done by Sophie, and an updated look for the workouts including a list of predefined workouts created by Jack and Alejandro. Currently the project status is finished and ready for submission

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

During this increment, many things went wrong for Sydney. She implemented a graph feature where all of the data stored by the user with the “How are you feeling slider” is displayed in a line graph with an interactive animation. It worked great on her computer but when pushing to GitHub many of the files were lost which caused days of trying to locate the missing files. It also turned out that Pods- the third party dependency needed for the Chart API- was not compatible on everyone’s computer and therefore we decided as a team to not use the graph. This led to a small scale back in the scope of the app. Our vision for the use of Henry’s api changed, as the deadline approached we realized it would have taken too much time to implement the full functionality for the database. Features like logging workouts by date and using the data within the AI we wanted to create became unfeasible for the time being. We decided to pivot and simplify the functionality by just making it store the exercises created by the user.

**5)** **Team Member Contribution for this increment**

Sydney McGinnis:

- Added backgrounds to the pages of the app

- Formatted the text and added important user interface

- Added a graph feature but ultimately it was not compatible with

everyone’s computer so we decided not to use it

- Contributed to all documents and updated progress report

- Collaborated on the video

Sophie Pavia:

- Contributed to all documents

- Collaborated on the video

- Fixed profile page nil error

- added design to profile page including background and quote

- helped sydney try to debug the graph feature

Henry Gilbert:

- Created receive php page to output current database contents

- Created service php to handle remote sql queries

- Created SQL relational DB

- Created remote API connector in XCode with security

- Created JSON converter

- Contributed to all documents

- Collaborated on the video

Alejandro Serrano:

- Contributed to all documents

- Collaborated on the video

- Helped structure the way the app interacted with database

- Helped Jack create the main page and home page quote of the day and “I think you should do” suggestion from the app

- Helped Jack make small changes to buttons and labels

Jack Garthwaite:

- Contributed to all documents

- Collaborated on the video

- Design changes with buttons

- Layout changes

- Created inspirational quotes on workout page

- Created suggested workout areas for homepage

- Edit use case diagram

**6)** **Plans for the next increment**

If we were to have more time on this project, there are definitely more features we would try to implement. The first would be to try to make charts compatible with everyone’s computer so that we could have a graph displaying how the user feels. We would also connect our app to the Apple HealthApp to give it a more complete and rounded out feel. Another feature we would add is to allow the user to login with Facebook as an option along with Google. We would have also liked to add a feature where when you click on an exercise, you can get more information about it. Sadly we do not have more time though and we are happy with our finished product!

**7)** **Link to video**

**https://youtu.be/l4JOWxoRxE8**