

Progress Report

- Increment 1 -

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

Carter Morrison, cbm19, Carter-morrison13

Lance Fairbanks ljf19a, lfj19a

Jacob Nemeth, jen19a, Jacobnemeth28

Matthew O'Brien, mjo18, mjo18

Jayen Lare, jsl19b, JayenLare

2) Project Title and Description

Feelin' Good Fitness App. The purpose of our application is to be able to give a user ways to incorporate healthier lifestyles into their life through two main sections on our app, the fitness and diet components.. The fitness component will be aimed to allow our user to find a “catered” fitness plan involving workout regimen designed to help them stay in shape or get more active. The diet component will be aimed to help a user watch the food they are eating and help craft a diet aimed for certain goals the user defines. Both of these components will come together in a progress section on the home page, letting the user know if they are reaching self-set goals.

3) Accomplishments and overall project status during this increment

Compared to our initial plan we can see a lot of ideas currently already coming to fruition. The establishment of the flask server and the database plus connecting the two will hopefully allow the rest of the project to move smoothly. Apart from those, we have established a home page and other html pages, created the login system and the table in the database to manage, begun planning towards other components and their implementations as well as discussed future plans and goals we have for our increments.

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

The particular challenges with this increment centered around getting everyone comfortable with the methods, features, and connectivity of the framework in order to get creative with it. Setting it up in particular served as a challenge for everybody, as some of us are using different virtual machines and host operating systems. This is why this increment will showcase the least amount of objective progress towards our goals, but has generated a work foundation that will yield much greater results for the next two increments. Now everyone can run the app on their own devices and work periodically. There are currently no changes from the current goal, and we feel confident in being able to cover the body of it in the next increment now that we are in full development mode.

5) Team Member Contribution for this increment

1. Lance Fairbanks
 - a. Progress Report: Challenges
 - b. RD Document: Overview, Functional Requirements, Non-Functional Requirements, Sequence Diagram
 - c. IT Document: Programming Languages, Technologies
 - d. Source Code: Framework basis, Login and Registration
 - e. Video: Current State and Demo
2. Carter Morrison
 - a. Progress Report: Plans for the next increment, Project Title and Description, Accomplishments..
 - b. RD Document: Functional Requirements for Diet, Non Functional Requirements.
 - c. IT Document: N/A
 - d. Source Code: Starter Code but not on github : Planning for implementation to be completed, will be pushed by next increment.
 - e. Video: Future Implementation of Diet Component
3. Matthew O'Brien
 - a. Progress Report: Use Case Diagram, Added to Challenges
 - b. RD Document: Functional Requirements for Diet, Non Functional Requirements in collaboration with partner Carter
 - c. IT Document: N/A
 - d. Source Code: Collaborated with Carter to establish a design and development plan, began implementation but not pushed on github yet.
 - e. Video: Discussed what would be discussed with Carter and then he represented the Diet team on the video.
4. Jacob Nemeth
 - a. Progress Report: N/A
 - b. RD Document : Functional requirements for the fitness components
 - c. IT Document: N/A [Everything was already completed before I got the chance to take a look at it
 - d. Source code: Collaborated with Jay to gather the requirements and what we wanted the end result to look like. Began creating the hub for the fitness component, but not a finished product as of yet
 - e. Video: Talked about the fitness portion requirements and what me and Jay want our section to look like [Update: video had no sound, so will be used for the next iteration]
5. Jayen Lare
 - a. Progress Report: Team member contribution
 - b. RD Document: Worked with Jake to figure out the requirements for the fitness components of our application
 - c. IT Document: N/A
 - d. Source code: Worked with Jake on the beginning implementation of the fitness section of our application.

- e. Video: Worked with Jake on the requirement and plan for the fitness portion of our application.

6) Plans for the next increment

By the next increment, we are hoping to at least have basic functionality of both the diet and fitness components as well as potentially the progress component if the data is there to support it. Outside of the main application, we need to create the models necessary for the database for both components as well as implement the html web pages and discuss the design implementations for them.

7) Link to video

https://www.youtube.com/watch?v=kdikg_tmoWc