

Progress Report

- Increment 1 -

Group #4

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

John Alton JMA20 github: nerf999

Joshua Glynn, JSG19A, JGlynn101

Giovanni Giannone, GG22E, ggiannone22

Moinul Islam, Mi22E, Moinul-Islam-04

Michael Maytin, MAM33BV, michaelmaytin

2) Project Title and Description

Beef-it, allows users to track and log their workouts and nutrition. As well as take daily photos of their progress to track changes in physique

3) Accomplishments and overall project status during this increment

Front end modules completed. Backend skeleton completed. DataBase framework started.

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

Please describe here in detail:

- anything that was challenging during this increment and how you dealt with the challenges*
- any changes that occurred in the initial plan you had for the project or its scope. Describe the reasons for the changes.*
- anything that went wrong during this increment*

The biggest challenge was trying to learn the interface of .Net Maui and how to work as a team in such a large scale project. We began by addressing the uses of the project and how we would start. That being mainly front end for the first increment and then slowly leading into more full-scale development. There wasnt anything that went wrong in this increment. We understood the level we were at and feel like we are in a comfortable spot moving forward into Increment 2

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:*

- a) the **progress report**, including the sections they wrote or contributed to*
- b) the **requirements and design document**, including the sections they wrote or contributed to*

- c) *the **implementation and testing document**, including the sections they wrote or contributed to*
- d) *the **source code** (be detailed about **which** parts of the system each team member contributed to and **how**)*
- e) *the **video or presentation***

John Alton

- a. Accomplishments
- b. documented details with the whole team
- c. Documented tests with the whole team
- d. Implemented front end login screen and backend functionality
- e. I presented my code and explained the current progress

Moinul Islam

- a. The whole team worked on the progress report tangentially during our weekly meetings
- b. the whole team also worked on that together, sharing inputs and how to word things
- c. The whole team also worked on this together, once again sharing inputs and how to write things properly
- d. I worked mainly on the Nutrition page and how that should look as well as function in the main project. Each member had their own branch that they worked on a part of the project in
- e. Presented regarding my code and what it intends on doing

Michael Maytin

- a. The entire team was on top of the progress report, adding to it on a weekly basis
- b. The whole team was assigned specific parts of the application to focus on. We worked individually and came together weekly in order to discuss progress and future linkage of our work.
- c. We worked with each other to ensure that each of our parts were well implemented. Front-End, Back-End, and Database framework was at the forefront of our mission during this increment. The work spread between the five of us, worked on individually with regard to the linkage.
- d. I was responsible for account creation, storage, and implementation for our program. The other members had their own branches to work on which will stack together.
- e. Code presentation on implementation and purpose.

Giovanni Giannone

- a. Team worked on progress reports as we meet weekly and talked about our progress
- b. We worked as a team and we assigned specific parts of the report while reviewing other team members' contributions to the progress report. I did the stakeholder email portion to inform the stakeholder of the current progress of the project and our struggles.
- c. We all worked on the document together and reviewed each other's work.
- d. I worked on the Landing Page, Workout page, Take a Pic page, workout history page, and My exercises page. These pages and the look as well as a drop down and text entry for the workout in My exercises page. I also combined the branches from John with mine to make the page be directed to the landing page after the login page.
- e. Presenting my code and future implementations.

Joshua Glynn (Primary back-end developer)

- a. Met up weekly to discuss future plans for backend
- b. Coordinated with front-end developers to develop future plans for back-end
- c. Worked on basic implementation of calendar page. Efforts lead to working model of calendar, though the page has not yet been linked to main branch. Some back-end data is needed for Calendar to fully work. Will be fully implemented Increment 2.

d. Presented Basic calendar to team members to develop basic plans for back-end.

6) Plans for the next increment

For the next increment, we will implement the business logic. The first increment was spent creating most of the user interface elements of the GUI. We now need to create and format the data that is needed for customizing the user interface based on previous and current user data. This will entail creating (in C#) classes with getters and setters, DTOs, and other data files we will need before the subsequent increment where we will create the methods for CRUD in our database using mySQL.

7) Stakeholder Communication

Dear Stakeholder,

Hope you're all doing well! We wanted to send over a quick update on where we are with our fitness tracking app, Beef-it. Things are moving along smoothly, and we're making solid progress on both the front and back end.

The front-end foundation is mostly built. Right now, it's functional, but we want to make it more user-friendly and visually appealing. On the backend, we have a working skeleton in place, but there's still work to do in refining it to meet our needs. We've also started laying out the database structure, which will be key in managing user input and workout recommendations efficiently.

Since we are using a relatively new tool for some of us, we're taking extra time to understand its quirks and best practices. Like in any project, making sure everyone is on the same page can be tricky, but we're improving our communication and workflow as we go.

The main focus now is strengthening the backend and database to support user tracking and workout logging. We'll also keep refining the UI to ensure it's intuitive and engaging for users.

So far, everything is going according to plan, and we don't foresee any major roadblocks. We'll keep you posted as we make more progress. Thanks for your support, and let us know if you have any questions!

Best,

John Alton, Giovanni Giannone, Joshua Gynn, Moinul Islam, Michael Maytin

Team 4

8) Link to video

 [video1004737447.mp4](#)