**Progress Report**

**- Increment 2 -**

**Group #11**

# Team Members

Charlie Penner – cfp20 – CharliePenner

Eli Bendavid – erb21n – EliBen8

Gordon Leadbetter – gal20a – gordylead

Isaiah Alex – ija19 – Isaiah50744

1. **Project Title and Description**

Title: Recipes & Fitness

Description: This application will allow users to browse cooking recipes from a database as well as create their own recipes or edit recipes from the database. It will also track the nutrition information of recipes based on their ingredients, allow users to add ingredients they are missing to a shopping list, and allow users to track their calorie deficit or surplus based on their fitness regimen and foods they eat.

1. **Accomplishments and overall project status during this increment**

Our user account system works, and stores users in a database. We also have a working recipe search, which, once it is fully implemented, will allow users to search for recipes in Edamam’s database. We have a framework that allows us to store these recipes and their ingredient and nutrient info. We also have a rudimentary front end with a log-in page.

Our project’s overall status is fairly good. We are a little bit behind our expected schedule, but we should be able to get back on track to finish the project by the end of increment 3.

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

Some members of our group encountered problems with running Flask on Mac. It was also a challenge to implement the Edamam API in Python, and we ended up adapting code from *another* API in our RecipeAPI.py file.

There have been no changes in the scope of our project during this increment.

1. **Team Member Contribution for this increment**

Charlie Penner

Progress Report: Charlie wrote the progress report.

RD Document: Charlie did not contribute to the RD document.

IT Document: Charlie did not contribute to the IT document.

Source Code: Charlie wrote the RecipeAPI.py file, which allows searching of Edamam’s database.

Video: Charlie covered the project demonstration during the video. He also recorded and uploaded the video via Zoom and YouTube.

Eli Bendavid

Progress Report: Eli did not contribute to the progress report.

RD Document: Eli wrote the entirety of the RD document.

IT Document: Eli did not contribute to the IT document.

Source Code: Eli wrote the Users.py file, which allows for user registration and log-in, as well as saving registered users to a database.

Video: Eli covered the project overview in the video.

Gordon Leadbetter

Progress Report: Gordon did not contribute to the progress report.

RD Document: Gordon did not contribute to the RD document.

IT Document: Gordon did not contribute to the IT document.

Source Code: Gordon wrote the password\_hashing.py file, which allows for hashing user’s passwords for security purposes.

Video: Gordon covered the plans for the next increment and changes in scope in the video.

Isaiah Alex

Progress Report: Isaiah did not contribute to the progress report.

RD Document: Isaiah did not contribute to the RD document.

IT Document: Isaiah wrote the entirety of the IT document, including the programming languages we will use and any APIs of third-party software that we plan on utilizing.

Source Code: Isaiah wrote an early iteration of our user account system, and he also wrote the app.py file, which is the flask and html front-end of our project (still in progress).

Video: Isaiah covered the current state of our project and accomplishments in increment 2 in the video.

While the writing of the documents was split between the 4 members of our group, it is worth noting that all members discussed and agreed upon the requirements, planned functionalities, and scope of our project together throughout multiple group meetings.

1. **Plans for the next increment**

We plan to add recipe creation, editing, and deleting, and we’ll save a user’s recipes alongside their other info in the user database.

Our other plans include the addition of a shopping list functionality, where users can easily add or remove ingredients from recipes to their shopping list.

Finally, we plan on expanding the front-end of our project to allow all of our functionalities to be doable via a graphical html interface (using Flask).

1. **Link to video**

<https://youtu.be/Jxa9Y4XX0g4>