**Progress Report**

**- Increment 1 -**

**Group #8**

*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.*

# Team Members

Reagan Bourne, reb21c, reaganbourne

Amelia Sieg, ats20b, ameliasieg

Madalina Bulat, mb21o, madalinabulat

Julia Sveen, jds21k, juliasveen

1. **Project Title and Description**

Title: Left No Crumbs

Description: A website with a restaurant chat bot that tells you nearby restaurants based on the cuisine that you enter and the cost that you are willing to pay. It sorts it based on highest rating, and location, based on your preferences. First, the website will ask you to enter your preferences, and then it will give you one restaurant at a time. The program will give the user the restaurant name, address, phone number and average rating. The user either has the option to say yes or no to the recommendation, and if the user says no then the restaurant bot will return another answer.

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

So far, we have worked on the program in Python, and tested the API Yelp fusion. We currently have a program that asks the user to enter their location (City) and the type of cuisine that they are interested in. The program then returns the highest rated restaurant within that criterion, with the restaurant’s name, address, phone number, and the average rating. We also have some of the front end done in Python Flask, and React. The front end has a home page, with the title and a robot.

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

The main challenge in this increment was learning how to use the API and set up the key correctly and learn how to access it correctly. Also, for the front end, learning how to use React was also a challenge. However, there haven’t been any significant changes to the initial plan, except for possibly adding a list of restaurants that the user has gone to feature. Nothing went wrong during this increment.

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

Reagan Bourne: Setting up the API, and the source code collaboratively with Amelia Sieg, worked on the video with the entire group. The entire group worked together on all of the documentation.

Madalina Bulat: The source code, specifically the front end in React, and linking the front end to the back end, worked on the video with the entire group. The entire group worked together on all of the documentation.

Amelia Sieg: The user input, and the source code collaboratively with Reagan Bourne, worked on the video with the entire group. The entire group worked together on all of the documentation.

Julia Sveen: The GitHub issues metadata feature, and testing the program/adding comments and brainstorming for the future, worked on the video with the entire group. The entire group worked together on all of the documentation.

1. **Plans for the next increment**

In the next increment we plan to have a lot more of the backend done, so that the program functions the exact way that we want it to. We want to write an algorithm that will be used to weigh the importance of location, and rating. We also need to connect the front end and back end. We also want to explore using some sort of location API, so that we can pinpoint the users location, so the recommendation is even more specific.

1. **Link to video**

[**https://youtu.be/ZhhZpWob5fs?si=tYDv3Oi10nHKV9LL**](https://youtu.be/ZhhZpWob5fs?si=tYDv3Oi10nHKV9LL)