

Milestone 1

Team: 14-03

Team Name: SpunkyChefs

Team Members: Sawyer Bass, Liz Shan, Michael Truong, Zion Washington, Laura White

Application Name: One Green Machine

Platform: Online website

App. Description: A short (2-3 paragraphs) overview description of the application. Provide enough information to explain what functionality and value your product will provide to users of your application.

Our application will take user input of the ingredients they have and match it to recipes that call for those ingredients. The functionality of this product is to solve the frustration that many people have when it comes to finding a perfect recipe without having to go out to buy extra ingredients.

Vision Statement:

For anybody who likes to cook, wants to reduce waste, and/or lacks excess ingredients.

One green machine is a recipe website that makes cooking efficient for those who feel like recipes always call for ingredients that they don't have. This website also aims to reduce food waste.

Unlike basic recipe websites that don't consider the ingredients that you have, our website will match you with recipes depending on the ingredients you have with you.

Development Method

Our team will use the agile/scrum methodology for our project.

- Github Link: <https://github.com/CU-CSCI-3308-Fall-2021/lab-2-team-formation-014-03>
- Jira Board Link:
<https://csci-3308-fall2-014-03.atlassian.net/jira/software/projects/S00/boards/1/backlog>

Communication Plan

Our team will use Discord to communicate with each other between our bi-weekly Zoom meetings. We decided Discord is a good tool for communication because it is easily accessible from computers and mobile devices. It is also organisable, due to the limitless channels we can create from different topics relating to the project. Additionally, we have a shared Google Drive folder that we can use to keep track of our milestones throughout the duration of the project. This allows each team member to edit live documents which keeps us all on the same page.

Meeting Plan

We will meet via Zoom on Mondays at 5:30 and Fridays at 4:14. Our weekly meeting with the TA is at 6:30 at this link: <https://cuboulder.zoom.us/my/tzuchiy>. We chose to meet virtually, as it is an easier way to communicate with one another without having to commute. While planning our meeting times, we made sure to coordinate with each team member's class and work schedule, in an effort to avoid conflicts and maximize productivity. We also decided to spread our meetings out during the week so that we could track one another's progress and ensure that our project is on schedule and will be ready for deployment when the time comes.

Proposed Architecture Plan

<https://www.geeksforgeeks.org/frontend-vs-backend/>

Not set in stone yet: HTML CSS Javascript, SQL (maybe Node.js and React.js)

<https://angular.io/>

<https://reactjs.org/>

<https://vuejs.org/>

Front end frameworks

<https://octoverse.github.com/>

Your application must have a GUI, a database/API data source, a middle layer connecting your UI to your data. So make sure to consider these core requirements when designing the architecture of your application. You are allowed to update the architecture if necessary later.

Use Case Diagram

