

## **Milestone 1: Proposal**

**Team Number:** 104-6

**Team Name:** Ctrl Alt Elite

**Team Members:**

- Drew Hoffman
- Jose Calderon
- Jared Brady
- Vanessa Reyes
- Katelyn Singh

**Application Name:** Finish My Dish

### **Application Description:**

Our application will be a website designed to help people use ingredients they have on hand in order to prevent food waste. It will also be a way to share recipes with others. Each user makes their own account with which they can post their own recipes in our format. Using this format, we will be able to store what ingredients are needed to make any specific recipe.

Our primary functionality is for the user to be able to input what ingredients they have on hand. The site will then generate recipes that use those ingredients. If a recipe requires more ingredients than the user has on hand, a shopping list will be created. There will be a rating system based on a few scales such as time and taste. This will provide an ordered list from highest rated to lowest rated recipes for the user to select from.

Extra features could be added if there is time before the deadline. A friend system where you can view specifically what recipes your friends post could create community. Dietary restriction warnings could also be implemented to warn users of what allergens the recipe contains.

### **Vision Statement:**

For hungry people  
Who don't know what to cook  
Finish My Dish is an application  
that allows users to find recipes based on their available resources.  
Unlike most other recipe finders,  
our product reduces waste by using ingredients one already has at home.

### **Version Control:**









1. Team meeting logs:
  - a. <https://github.com/drewhoffman2/Meeting-Logs>
2. Milestone Submissions:

- a. <https://github.com/drewhoffman2/Milestones>
3. Project code Components:
  - a. <https://github.com/drewhoffman2/Project-Code>

Github repositories were created under account “drewhoffman2” and shared to the rest of the group. We will be accessing the repositories through the command line as well as the GitHub Desktop application.

## Manage access

[Invite a collaborator](#)

<input type="checkbox"/> Select all		Type ▾
<input type="text" value="Find a collaborator..."/>		
<input type="checkbox"/>	 <b>Jared</b> JBrady9 • Collaborator	
<input type="checkbox"/>	 <b>Miiself</b> Collaborator	
<input type="checkbox"/>	 <b>singhkatelyn</b> Collaborator	
<input type="checkbox"/>	 <b>Vanessa Reyes</b> vanessarreyes • Collaborator	

### Development Method:

We will be using the Agile method of Development. This fits best for the design of our application because the software will continuously evolve. Our primary iteration will involve being able to create and save recipes, creating a shopping list of what you might need if you are missing ingredients. Then hopefully depending on the deadline being able to add new components in later iterations as agile lays out.

### Communication Plan:

- iMessage group chat

### Proposed Architecture Plan:

The Back End portion of our application will consist of a Database to store our applications information, a backend language (PHP, C++, Python, etc..) and a server to handle requests from the Front End side of our application. The Back End side of our application will be

responsible for storing information such as the food in a users kitchen, recipes and any information that is associated with those (ratings, comments).

The Front End portion of our application will be how our consumer interacts with our application, this will be how they enter their ingredients, are able to view recipes and interact with the application overall, this will consist of it's own languages and framework(HTML, CSS, JavaScript). HTML and CSS is responsible for our how application presents itself, and JavaScript is what makes our application able to be interacted with.

An API will be how our Front/Back End of our application will communicate, this is how information that the user either wants to submit or retrieve will alert the Back End to add to our Database or pull information out of it.

**Meeting Plan:**

- 5 PM-6 PM, TUE, BOLD Center
- 1 PM-2 PM, WED, BOLD Center