

Code Review:

Cricket Honey Kale

### **Background and context:**

To generate recipes we have one class which contains data from online recipes, most importantly an ingredient list. We will mostly reference our salad code in the review, but we have other similarly working codes like soup and smoothies. Then, in another file, a starting ingredient is randomly selected and the salad (we will mostly reference our salad code in the review, but we have other similarly working codes with soup and smoothies) starts with an attribute which contains all instances of the recipe class. Then the instances of the recipe class which do not contain the ingredients are deleted from the attribute. At this point the remaining recipes all have the current ingredients which are current toppings. The ingredient list attribute from the recipes classes that have not been removed are appended to an attribute on salads (which is a list of these ingredient strings). Then each of these ingredient strings is looped through and compared to a list of salad toppings, if a salad topping is present the salad topping is appended to a list which the next ingredient is randomly chosen from.

We have a few other features we don't plan on focusing on during this review, which are the start of a GUI, and a program which determines the correct preparation method of the ingredient (for example: should the scallions be chopped or pureed) by using parts of speech. We also have a class for smoothies and soups.

### **Key questions**

- How many recipes do you think we have to reference in order to have good validation?
- How can we introduce a "risk factor"? (A way to incorporate unpredictable ingredients)
- How do we create instructions that make sense?

### **Agenda for technical review session**

Be specific about how you plan to use your allotted time. What strategies will you use to communicate with your audience?

We will first give an overview of where we are and what our code does/code structure. We will then present our present issues and pose questions on them which the audience will be asked to keep in mind going forward. Lastly we will display our code on the projector and have a technical discussion on each issue that we had previously stated. We hope to the audiences' fresh eyes will help us come up with ways to produce our recipes more quickly.