

Cricket Honey Kale: Lucy Wilcox, Lisa Hachmann, Logan Sweet

Framing Document

Design Review 1

Background and context:

We are making a program that generates recipes by using web mined data from recipes online. Our recipe will both have ingredients and instructions. We are focusing on cooking, not baking (no yeast, baking powder, or baking soda). We may only complete a simpler version of this which creates salad or smoothie recipes. Our audience should know something about food (which we really hope/assume they do) and that's about it!

Key questions:

Our questions are as follows:

1. How should the recipe URLs and recipes be stored?
2. What GUI is simple to implement and can fit our needs
3. What logic should we use to use to generate recipes?
 - looking at what ingredients are often used together
 - create flavor profiles and pull from those lists
 - other?
4. Do you know of any libraries that would be useful to us?

We are most interested in hearing others' ideas on how we could generate recipes. Since part of our goal in creating recipes is to create *good* recipes, we know that our ingredient selection algorithm will be essential. While we have a couple ideas as to how the logic of this part of our software will work, we would like some feedback as to whether or not people think our plan will be successful as well as hearing any other ideas for the logic of recipe selection.

Agenda for technical review session:

We are planning to use the collaborative ideation structure for our design review. We will pass out post it notes in the beginning of class and present questions while we explain the steps of our project and the questions we have about each step. At the end of the presentation we will have an ideation period for all of the questions said during the presentation. At the end of the ideation period, we will have the audience put the questions on the whiteboards and ask all of the solutions to be put under the allotted whiteboard space for that question. A discussion can be started if necessary to explain certain solutions where everyone can weigh in with pros and cons regarding each.