Anisha, Annabel, Maggie
Preparation and Framing

Background and context

As college students, we often don't have the ingredients to make the foods we need. If we had a recipe finder, however, we would be able to get around the ingredients we don't have and find uses for the excess of certain ingredients that we do have. Our program will store pantries for each user. The user's pantry will contain things the user will always have (spices, water, basic baking supplies, etc.). The user will also fill in a refrigerator with ingredients they want to use in their recipe. The program will then search for recipes based on available ingredients and criteria the user inputs (cooking time, what meal this is for, what ethnicity of food they want).

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Key questions

Our team is looking to learn about which database should we store favorite recipe data and pantry data in to make the program most efficient and what features are going to be necessary/wanted within the program. We would also like to receive feedback on initial ideas for GUI layouts. We would like to learn which Python libraries we can use to create interactive GUIs. Additionally, we are working to decide if our program should be hosted on the web or on a computer, and we are looking for feedback on the drawbacks and benefits of both. We will also share our class diagram and ask for organizational feedback.

Agenda for technical review session

We first plan to give an overview of our project and specifications for the minimum viable product, along with some of our ideas in how to achieve it. In this part, we will review the outline of our project without getting into the details. We will then describe each of the design decisions we are considering. For each major decision, we will explain what we have found so far, then ask questions to the audience about that specific topic. For example, we will describe and compare different python libraries that we are considering, then lay out a set of questions to guide feedback.