

App Description Document

App Idea: An ingredient management and recipe builder app that allows users to input the ingredients that they have into a pantry page and ask an AI agent and to give the users recipes they can make with their ingredients, as a meal plan for the week, as well as a shopping list. It also allows the users to ask for modifications of the recipes. It also allows them to locally store which ingredients they have in a json file.

Users: Users who are semi tech savvy and know how to work a phone well. The user has a kitchen and wants to cook but is not a chef and more of an everyday person. Does not want to worry about planning meals for the week or scouring the internet for recipes.

App Usage: Users can enter the food they have, say if they want to buy more ingredients or use what they have, the app then gives back the saved recipes or new recipes that match the ingredients and filter settings, the user can ask the app to produce a grocery list from previously bought ingredients. Recipes can be favorited if the user wants to keep them around.

Data: String: Ingredients, directions, Recipe title, description of the recipe, equipment needed, Int: amount of ingredients, macros (calories, protein), servings and serving size, All wrapped inside a .JSON file.