



# Brainy Recipes

*(Project Proposal)*

## Brainy Badgers

Joshua Aldrich  
Jorge Garit  
Elijah Gonzalez  
Theodore Greer  
Darryl Johnson  
Emmanuel Santiago  
Aniyah Walker

## Concept/Idea

A site where users can search for recipes (food or cocktail), and gain insight into each recipe down to the very ingredient. A user will have the ability to type in the name of a food they are interested in. They will then be given a random recipe to choose from. When a recipe is returned, they will see the entire recipe, and have the option to further investigate every ingredient in the recipe. The main idea is to allow users to know and understand exactly what is going into their dishes and cocktails.

## Problem & Solution

Diets like Keto and Paleo teach dieters to focus on the ingredients that makeup the food/drink they consume. While it is often easy to find recipes, it is usually another process entirely to understand every ingredient involved. This app will not only give users the ability to search for recipes, it will also give them the ability to investigate each ingredient of their chosen recipe.

## Target Audience

The target audience for this app are individuals who are looking for recipes (food/cocktail) with the intent to understand each ingredient in the recipe.

## Wireframe

The wireframe illustrates the layout of a recipe application. It features a cyan header bar with the text 'Title'. Below this is a green bar containing a 'Search' label and two blue buttons labeled 'Recipe' and 'Cocktail'. The main content area is divided into two sections: a purple sidebar on the left labeled 'Grocery List' with an orange 'Save List' button at its base, and a large light blue area on the right labeled 'Returned Content'. A blue footer bar at the bottom contains the text 'Footer'.

### Workflow

1. User searches for a food/cocktail recipe.
2. A random recipe is returned for the search result.
  - a. If no recipes are returned, the user is alerted to try again.
3. For the recipe returned, the user is given a detailed view of the recipe.
4. Within the detailed recipe view, the user can click on the name of any of the ingredients in that recipe, to get a detailed view of the recipe.
5. The user can also drag an ingredient of the recipe over to the grocery list.
6. The user also has the ability to save the grocery list.

### User Stories

- When I go to the site, I should be able to enter an ingredient, and receive a random recipe that includes that ingredient.
- I should also be able to do the same for a cocktail recipe.
- When I find a recipe I like, I should be able to investigate each ingredient individually.
- I should also be able to add each ingredient to the grocery list.
- I should be able to save ingredients in my grocery list for later.

### Tasks & Assignments

1. Research the Spoonacular API.
2. Research the CocktailDB API.
3. Research the Materialize framework.
4. Design the layout/structure of the site for each view.
5. Generate the necessary API URLs.
6. Create the fetch controls, and analyze the values returned.
7. Format the data needed, and display that data to the user.

Team Member	Assignment
Josh	HTML/CSS
Jorge	JavaScript
Elijah	JavaScript
Theo	JavaScript/CSS
Darryl	JavaScript
Emmanuel	JavaScript
Aniyah	HTML/CSS

