

Project Proposal for “CocktailCompass” Website:

1. What goal will your website be designed to achieve?

The goal of this website is to provide the user the ability to look-up or browse for a desired cocktail and upon clicking on it, be given the ingredients needed and instructions on how to create said cocktail.

2. What kind of users will visit your site? In other words, what is the demographic of your users?

The demographic for this website will be for anyone who is looking to learn about how to make a specific cocktail of their choice (within the database API) since there are options for both alcoholic and nonalcoholic beverages, as well as the fact that there is no purchasing done on the website there is no need for an age restriction at this time.

3. What data do you plan on using?

I plan on using ‘The cocktail db’ API <https://www.thecocktaildb.com/api.php?ref=apilist.fun>

4. In brief, outline your approach to creating your project (knowing that you may not know everything in advance and that these details might change later). Answer questions like the ones below, but feel free to add more information:

a. What does your database schema look like?

Table: Cocktails

- Columns:
 - id (Primary Key, unique identifier for each cocktail)
 - name (Name of the cocktail)
 - category (Category of the cocktail, e.g., Ordinary Drink, Cocktail, etc.)
 - alcoholic (Indicates if the cocktail is alcoholic or non-alcoholic)
 - glass (Type of glass used for serving the cocktail, e.g., Highball glass, Martini glass, etc.)
 - image_url (URL of the cocktail's image)

Table: Ingredients

- Columns:
 - id (Primary Key, unique identifier for each ingredient)
 - name (Name of the ingredient)

Table: Cocktail-Ingredients (Many-to-Many relationship table)

- Columns:

- cocktail_id (Foreign Key referencing the Cocktails table)
- ingredient_id (Foreign Key referencing the Ingredients table)
- measurement (The measurement quantity of the ingredient used in the cocktail, e.g., 2 oz, 1/2 cup, etc.)

Table: Instructions

- Columns:
 - id (Primary Key, unique identifier for each instruction)
 - cocktail_id (Foreign Key referencing the Cocktails table)
 - step_number (The step number of the instruction)
 - instruction_text (The text of the instruction)

b. What kinds of issues might you run into with your API?

Most of the issues may arise from the actual layout of the website and the creative design perspective as I will want to go for a simple theme while still making it look appealing to the user to navigate through.

c. Is there any sensitive information you need to secure?

I do not think there is any at this time.

d. What functionality will your app include?

The main focus of the app is to help the user locate a cocktail they would like to make based off a variety of options they will have whether it be by alcohol type, ingredient preferences, available glassware, etc..

e. What will the user flow look like?

f. What features make your site more than CRUD? Do you have any stretch goals?