

Capstone 1 - Proposal

Cocktail Recipe Website

Goal

The goal of my cocktail recipe website is to offer users the chance to search basic alcohols and save cocktail recipes for potential future use and perhaps save users some money by making drinks at home.

Demographic

The aim of my website is to pull from a wide ranging demographic of alcohol consumers, specifically those that are either curious about the art of cocktails and/or assist users with saving a few bucks to make a new drink at home.

Data

Each cocktail recipe will be pulled from The CocktailDB - link below:

<https://www.thecocktaildb.com/>

Schema

Can be found on a separate page.

Approach

My approach is to make it as user friendly as possible using WTForms for users to enter in a drink or to search by a base alcohol, such as “whiskey” or “vodka” in order to see what options they have for cocktail recipes. I will make a log-in for users so they can save recipes to their username for future use. However, safety is important, so I may need to use some salts to save passwords securely.

Functionality/User Flow

My aim is for a user to easily search by alcohol/cocktail whether they are logged-in or not. They could navigate through it by using a form to submit a request for a recipe or a list of recipes by alcohol (ingredient) base. They wouldn't need to log-in for this, but I'd like to add a log-in feature so that a user can save recipes for future use by clicking a star on a recipe or something similar (like an add favorite button).

Will likely need to do a call for each favorite drink, the API doesn't allow a user to select multiple cocktails by ID. So I will need to set up a way for the website to call for each drink ID.

Potential Issues

Some features on the API are only available by paying a fee, which may prevent some accessibility or feature issues. This will take some tinkering around before I can get something free and useful on the website.

On the DB website itself, you can only enter in an actual cocktail before getting the recipe, but one of the features I'd like to have on my website is to search a base alcohol in order to see what recipes are available with the chosen alcohol. After reading the docs, this may be possible, but I am still unsure. My thought is to use the ingredients search feature to find and pull up an alcohol by using an entry form. I would need to create some sort of limit on what to search for in the form in order to achieve this feature.