

Hackathon Project: Cocktail Query System

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Requirements:

Use a free API to query a db of 1000s of cocktails, you can search for recipes, images of specific cocktails, ingredients, filter by alcoholic, nonalcoholic and more with the Cocktails DB.

Use the following link to access the API: <https://www.thecocktaildb.com/api.php?ref=apilist.fun>

Create a tool to use the API with different queries/calls:

- Search cocktail by name
- Lookup full cocktail details by id
- Lookup a random cocktail
- Search by ingredient

Constraints:

JSON file contents should not be displayed on the screen while application is in use.

Design:

Our design of the tool for our API will be implemented within a HTML webpage. We will use PHP to implement the database and be able to pull queries and different data values into the webpage.

Queries

Search cocktail by name

A table will be displayed with all the different types of drinks possible to be selected by the user and thumbnail.

Lookup full cocktail details by id

Use a table that contains individual id for each drink.

Lookup a random cocktail

When someone is not sure what type of cocktail they would like, there is a button that the user can click in order to randomize a drink for them (alcohol, and ingredients)

Search by ingredient

Single ingredient displays all the different drinks that have that certain ingredient.

Sort by Alcoholic and Non-Alcoholic

The user is presented with two buttons, one for each option. If the user selects the "alcoholic" button, a form request is submitted, which is caught by the php script using the `$_REQUEST` method, which calls the respective function, querying the API and displaying the drinks/