Name of the project:

**Concoct**

**Members:**

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**Description:**

Concoct is a web application that allows users to input common bar ingredients, and suggests drinks that they can mix using those ingredients. The app takes into account spirits, mixers, common bar ingredients (sugar, limes, spices, etc.), as well as desired taste (dry, smooth, sweet, warm, fruity, etc.) in order to suggest drink recipes.

Users with accounts can also add recipes of their own that can be kept private or made public. This allows users to share their recipes and rate other public recipes that they find on the app.

**Data Tables:**

*(Primary keys are bold)*

USER

(**user\_id**, name, username, password)

COCKTAIL

(**cocktail\_id**, name, user\_id, description, taste\_id, likes)

INGREDIENT

(**ingredient\_id**, ingredient\_name)

TASTE

(**taste\_id**, taste\_name)

INGREDIENT\_COCKTAIL

(**ingredient\_id**, **cocktail\_id**)

SAVED\_COCKTAIL

(**cocktail\_id**, **user\_id**)

**Tools:**

Python

Flask

Javascript

Google Cloud Platform with MySQL or SQLite