Randy Nguyen
Capstone 1
Step Three: API selection and Schema

Schema Design

1. Cocktails

- PK id: Unique identifier for each cocktail.
- name: Name of the cocktail.
- category_id: Foreign Key referencing Categories(id).
- alcoholic_type_id: Foreign Key referencing AlcoholicTypes(id).
- glass_id: Foreign Key referencing Glasses(id).
- instructions: Preparation instructions.
- image: URL to the cocktail's image.

2. Ingredients

- PK id: Unique identifier for each ingredient.
- name: Name of the ingredient.

3. CocktailIngredients

- FK cocktail_id: References Cocktails(id).
- FK ingredient_id: References Ingredients(id).
- measure: Quantity/measure of the ingredient.

4. Categories

- PK id: Unique identifier for each category.
- name: Name of the category.

5. Glasses

- PK id: Unique identifier for each glass type.
- name: Name of the glass type.

6. AlcoholicTypes

- PK id: Unique identifier for each alcoholic type.
- name: Name of the alcoholic type.

Relationships

- Cocktails has a many-to-many relationship with Ingredients through CocktailIngredients.
- Cocktails belongs to one Category.
- Cocktails is served in one Glass.
- Cocktails is either alcoholic or non-alcoholic, defined by AlcoholicTypes.