Sips Database

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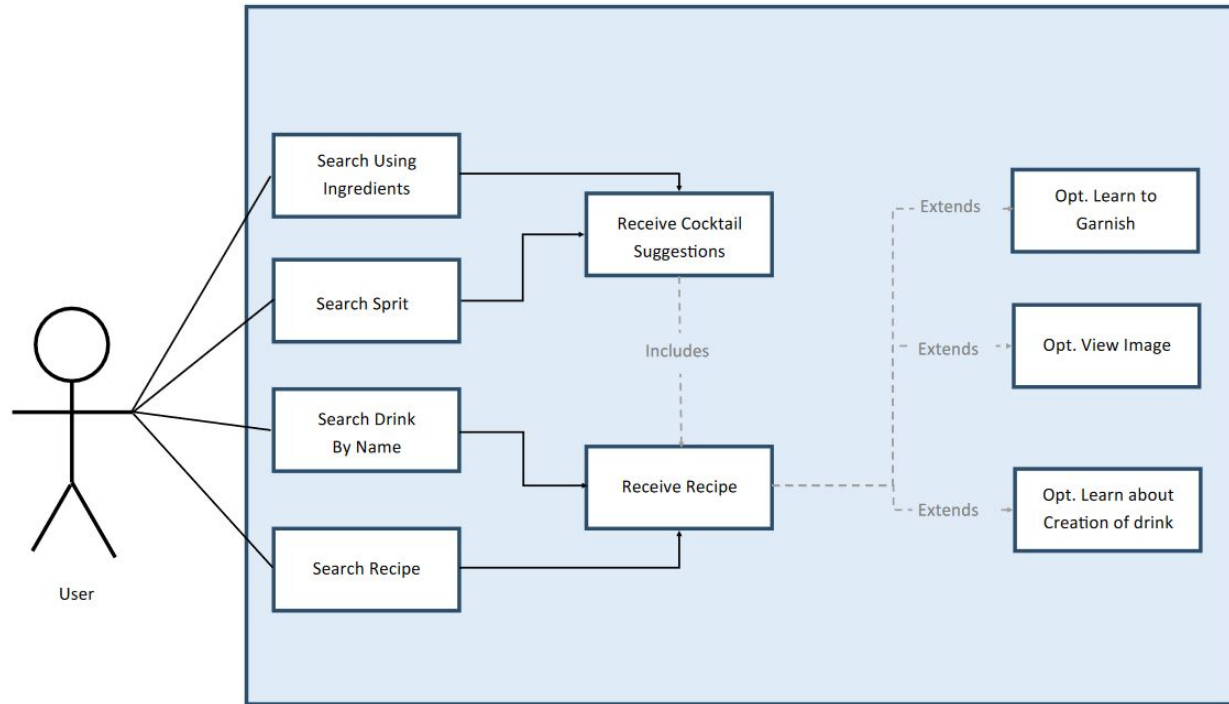Renee Helfert and Ian Scott

System Description

The Sips database organizes drinks into a searchable database to allow users to get information about their favorite drinks and help them discover new drinks.
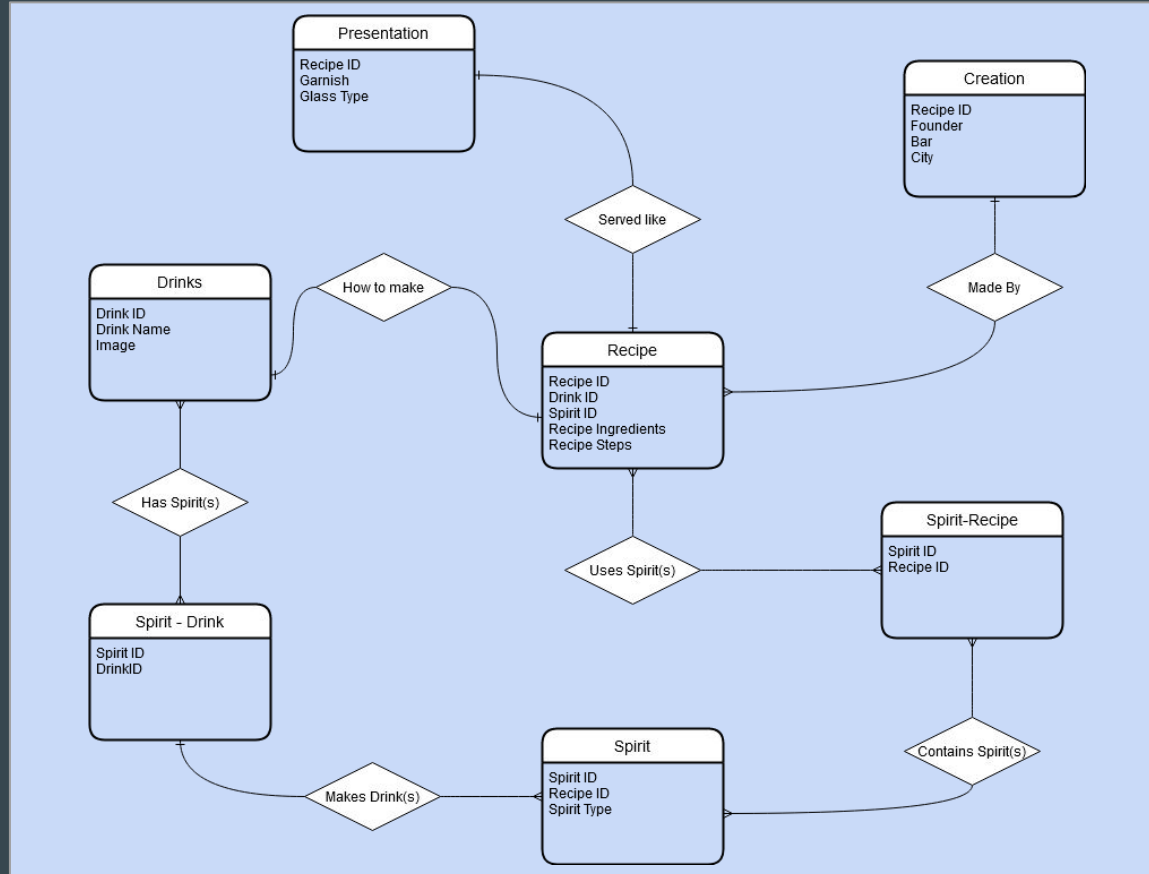
Use Case

Our application seeks to provide users with:

- A way to get information about cocktails
- The ability to search for drinks which can be made with on hand ingredients
- A way to discover new drinks either at random or based on a base spirit of their choosing
- Our goal is to provide a program to enhance the options of a home bartender and allow them to explore new cocktails
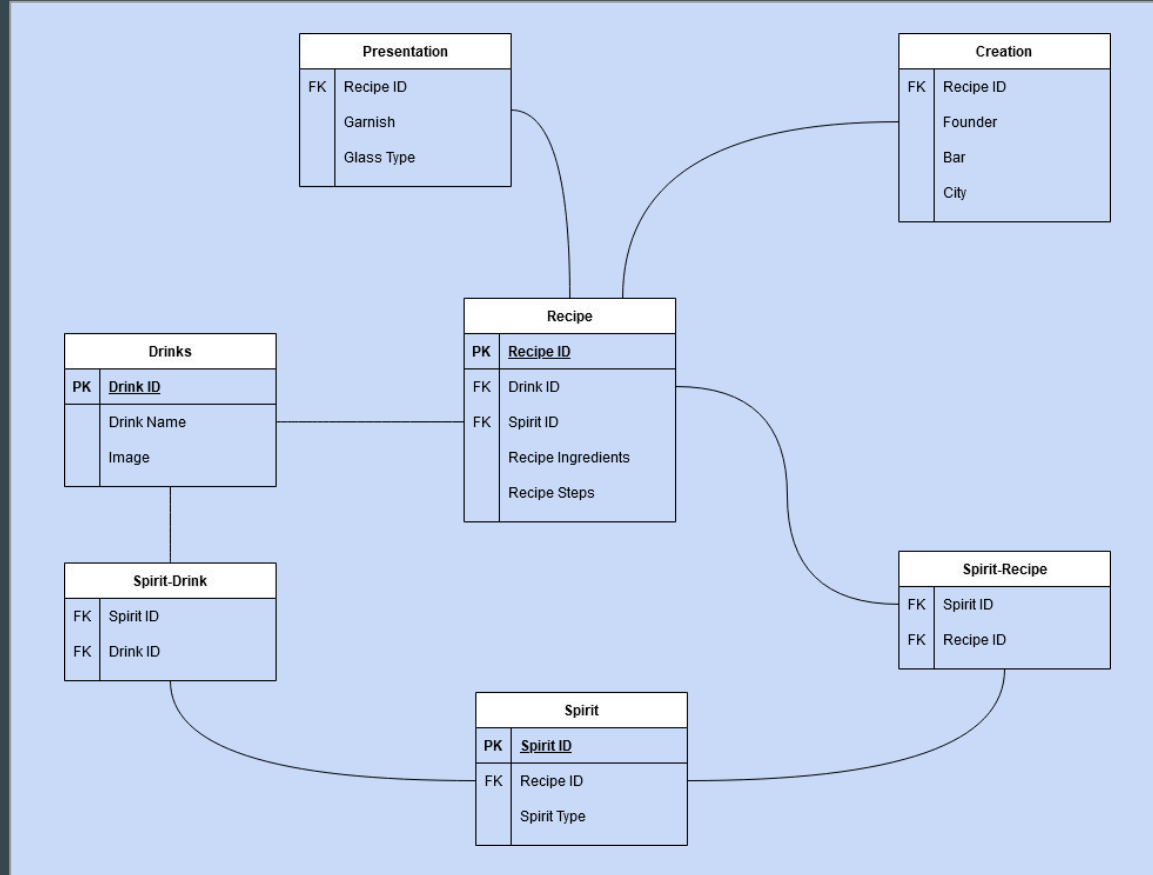
Use-Case Diagram

E/R Diagram

Relational Schema

Presentation

FK	Recipe ID
	Garnish
	Glass Type

Creation

FK	Recipe ID
	Founder
	Bar
	City

Drinks

PK	Drink ID
	Drink Name
	Image

Recipe

PK	Recipe ID
FK	Drink ID
FK	Spirit ID
	Recipe Ingredients
	Recipe Steps

Spirit-Drink

FK	Spirit ID
FK	Drink ID

Spirit-Recipe

FK	Spirit ID
FK	Recipe ID

Spirit

PK	Spirit ID
FK	Recipe ID
	Spirit Type

Implementation Details

- The Sips database takes user input from a python terminal front end in the form of strings
- This input is then parsed and run through the query selected by the user
- Queries then return the result to the terminal
- SQL data is stored in our data.sqlite file
- The data was loaded into the .sqlite file from .csv files using sqlite3 import statements
- New data can not be imported by users because the service is intended as a library of cocktails to provided users with suggested drinks

https://github.com/ReneeHelfert/Sips