



### Proposal title:

Online Cocktailbar Database

### Info:

We have 2 types of users:

- Registered customers (signed up)
- None registered customers

### Description of the problems you're solving.

- Each of these users has its own tables of data, and this separation in the future would be handy for setting a specific discount and promotion for each type of customer. For example: register and create an account to receive a 10% discount on your order. (function of the code)
- In a customerInfo table, there is a status column for showing active/non-active users. And active users can be eligible to receive a discount or offer.
- CocktailBar owner (me in the near future 😊) can easily follow the data flow from each orderInfo. It is possible to reach the type of order (itemId) and the customer.

- The account table includes many columns to help the owner start creating a wide range of customers data for better target marketing.
- Category on the menu tables helps customers have a more effortless experience selecting the types of drinks they want—for example, gin, whiskey, Vodka, etc.

#### **Description of table architecture:**

Each table has one primary key

1. OrderInfo (main table): with two foreign keys to access all three other tables.
2. customerInfo (table for none registered customers)
3. Account (table for registered customers)
4. Menu

I designed a flowchart for the tables and their relationship to each other for a better description.

#### **Description of all database tools required for your solutions (procedures, views, referential actions, et al.).**

1. CREATE TABLE
2. INSERT INTO (for adding data to tables)
3. FUNCTION INCLUDE
  - IF AND ELSE IF STATEMENT(for checking whether the customer is registered or not)
  - FOR LOOP (each registered customer receives a discount)

#### **Justifications for the architecture and tools.**

- NO VIEWS (because of the possibility of altering the tables in the future)

#### **Reasonably estimated timeline.**

I can make the database in one week and one week to fix errors and receive teacher feedback.