<u>SQL Data Modeling Exercise</u>

TABLES

<u>Users:</u>

Create TABLE users (
  user_id SERIAL PRIMARY KEY,
  email VARCHAR(255),
  password VARCHAR(255),
  created_on timestamp
)

<u>Recipes:</u>

Create TABLE recipe (
  recipe_id SERIAL PRIMARY KEY,
  ingredient_id INTEGER NOT NULL REFERENCES ingredient(ingredient_id),
  instructions text,
  private boolean,
  public boolean
)

<u>Grocery List:</u>
Create TABLE grocery_list (
  grocery_list_id SERIAL PRIMARY KEY,
  ingredient_id INTEGER NOT NULL REFERENCES ingredient(ingredient_id),
  user_id INTEGER NOT NULL REFERENCES users(user_id)
)

<u>Occasions</u>

Create TABLE occasion (
  occasion_id SERIAL PRIMARY KEY,
  recipe_id INTEGER NOT NULL REFERENCES recipe(recipe_id),
  name VARCHAR(255)
)

<u>Ingredients:</u>

Create TABLE ingredient (

```
  ingredient_id SERIAL PRIMARY KEY,
  name TEXT
  )
```

<u>UserRecipes:</u>

```
Create TABLE userRecipe (
  userRecipe_id SERIAL PRIMARY KEY,
  recipe_id INTEGER NOT NULL REFERENCES recipe(recipe_id),
  user_id INTEGER NOT NULL REFERENCES users(user_id)
  )
```