

Data Modeling Assignment 8/19/2022

- **Brainstorming:**
 - **Users:**
 - user_id
 - user_password
 - user_email
 - first_name
 - last_name
 - user_recipes
 - **Ingredients:**
 - ingredient_id
 - ingredient_name
 - **Cart:**
 - grocery_id
 - grocery_list
 - user_who_posted
 - **Recipes:**
 - comment_id
 - user_commented
 - post_commented_on
- **Table Ideas:**
 - **Users:**
 - user_id
 - user_email
 - user_name
 - user_password
 - **Recipes:**
 - recipe_id
 - user_id
 - recipe_name
 - instructions
 - **Ingredients:**
 - ingredient_id
 - ingredient_name
 - **Grocery List:**
 - grocery_id
 - user_id
 - ingredient_recipe_id
 - **Ingredient Recipe:**
 - ingredient_recipe_id
 - ingredient_id
 - recipe_id

- ingredient_amount

- **Relationships:**

- **One to One:**

- User => Grocery List (one user can have one list)

- **One to Many:**

- User => Recipe (one user can have multiple recipes)

- Grocery List => Ingredient (one list can have multiple ingredients)

- **Many to Many:**

- Ingredients ⇔ Recipe (many ingredients can be in many recipes)