Recipe Database Struct

Brainstorming:

User
- Email
- Password

Recipes
- Public: true/false
- Ingredients - which pulls from ingredients table
- directions/instructions
- Pull from Occasion DB

Grocery Store List

Ingredients
- ID
- Ingredients

Occasions
- User can add occasions to their recipes

Table Ideas:

User
- Email
- Password

Total Recipe database:
- id
- Ingredients
- Instructions
- public/private
- Occasion - reference by ID

User_recipe
- Id
- Recipe_id
- user_id

Ingredients Table
- Id
- User can add ingredients

Public table

- Contains all public recipe tables

Occasions Table

- User can add occasion
- User can pull occasion

Middleman between occasion and recipe
Sign in

- id
- User email
- User password

SQL Commands:

```
CREATE TABLE occasion (
  id SERIAL PRIMARY KEY,
  name VARCHAR(32)
  );

CREATE TABLE ingredients (
    id SERIAL PRIMARY KEY,
    name VARCHAR(35)
    );

CREATE TABLE public_recipes (
  id SERIAL PRIMARY KEY,
  name VARCHAR(35)
  );

CREATE TABLE user_info (
  id SERIAL PRIMARY KEY,
  email VARCHAR(255) NOT NULL,
  password VARCHAR(255) NOT NULL,
  ingredients_id INT REFERENCES ingredients(id),
  public_recipes_id INT REFERENCES public_recipes(id),
  occasion_name INT REFERENCES occasion(id)
);

CREATE TABLE recipe_table (
  id SERIAL PRIMARY KEY,
```

```
  instructions VARCHAR,
  public BOOLEAN,
  user_id INT REFERENCES user_info(id),
  ingredients_id INT REFERENCES ingredients(id),
  name VARCHAR(255)
  );

CREATE TABLE user_recipe (
  id SERIAL PRIMARY KEY,
  recipe_id INT REFERENCES recipe_table(id),
  user_id INT REFERENCES user_info(id),
  ingredients_id INT REFERENCES ingredients(id),
  occasion_id INT REFERENCES occasion(id)
  );

  CREATE TABLE grocery_list (
    id SERIAL PRIMARY KEY,
    ingredient_id INT REFERENCES ingredients(id),
    user_recipe_id INT REFERENCES user_recipe(id)
    );
```