Features

- users can sign into the app with their email and password
- users can create recipes with ingredients and instructions
- recipes can be marked as public or private
- users can view other people's recipes
- ingredients from recipes can be added to user's grocery lists
- users can create their own occasions and assign recipes to occasions

Brainstorming/Data Needed:

- User email
- User password
- User name
- First name
- Last name
- User_id
- Post content
- User's posts
- User's favorite recipes
- User's grocery lists
- Mark as public or private mode
- Who's following who
- Group recipes
- Group posts
- Recipes

Tables:

User table: (this will hold information about the user, each row will be a different piece of information about the user)

- User_id
- Email
- Password
- Bio
- First name
- Last name
- Profile picture

Post: (this will hold information about the recipe "posted", each row will have information about the recipe)

- Recipe

- picture
- Title
- Is post private (true of false)
- Is a group post (true or false)

Group Recipes:(this will hold information about the group ex. breakfast , lunch, dinner, and snacks. Each row will have information about the recipe)

- GroupRecipes_id
- Category
- Ingredients

Following:

- Follower
- Person being followed

Food Category

- Recipes
- Favorite Recipes
- Post id

Relationships:

- One to one
    -
- One to many
    - User ⇒ posts (there's only one user but many different posts)
    - Post ⇒ groupRecipes (one post but many groups to post on)
    - Post ⇒ user (one post but many users to see)
- Many to many
    - Groups ⇒ users (many groups and many users)
    - Follower ⇒ following (many users follow as well as following)

Seed:

```
CREATE TABLE users (
  user_id SERIAL PRIMARY KEY,
  user_first_name VARCHAR(50),
  user_last_name VARCHAR(50),
  user_email VARCHAR(50),
  user_password VARCHAR(500),
  bio VARCHAR(1000),
  profile_pic TEXT
);

CREATE TABLE posts (
  post_id SERIAL PRIMARY KEY,
  recipe TEXT,
  picture TEXT,
  title VARCHAR(100),
  is_post_private BOOLEAN,
  author_id INT NOT NULL REFERENCES users(user_id),
  following_id INT NOT NULL REFERENCES following(following_id)
);

CREATE TABLE recipes (
  recipes_id SERIAL PRIMARY KEY,
  title VARCHAR(100),
  picture TEXT,
  ingredients TEXT,
  instructions TEXT,
  measurements VARCHAR(200),
  recipe_category VARCHAR(100),
  post_id INT NOT NULL REFERENCES posts(post_id)
);

CREATE TABLE ingredients (
  incredients_id SERIAL PRIMARY KEY,
  ingredients TEXT,
  picture TEXT,
```

```
  recipes_id INT NOT NULL REFERENCES recipes(recipes_id),
  occasion_recipes_id INT NOT NULL REFERENCES
occasion_recipes(occasion_recipes_id)
);

CREATE TABLE occasion_recipes (
  occasion_recipes_id SERIAL PRIMARY KEY,
  occasion_recipes_name VARCHAR(100),
  title VARCHAR(100),
  picture TEXT,
  ingredients TEXT,
  instructions TEXT,
  measurements VARCHAR(200),
  recipes_id INT NOT NULL REFERENCES recipes(recipes_id)
);

CREATE TABLE grocery_list (
  grocery_list_id SERIAL PRIMARY KEY,
  food_list TEXT,
  recipes_id INT NOT NULL REFERENCES recipes(recipes_id),
  occasion_recipes INT NOT NULL REFERENCES
occasion_recipes(occasion_recipes_id)
);


CREATE TABLE following (
  follow_id SERIAL PRIMARY KEY,
  follower_id INT NOT NULL REFERENCES users(user_id),
  following_id INT NOT NULL UNIQUE REFERENCES users(user_id)
);
```

https://dbdiagram.io/d/615e01f1940c4c4eec88da1c