- users can sign into the app with their email and password
- users can create recipes with ingredients and instructions
- Users can add photos for recipes*****
- 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

Users:
Holds user information

user_id
Email
Password

Occasions:
Holds combination of existing posts of recipes from users
ocassion_id
occassion_name
post_author references user_id
occasion_recipe references post_id

Posts:
Holds user and their post about their recipe ingredients and instructions as well as photos

post_id
Photo
Recipe_instructions
Recipe_ingredients
post_author references user_id

Grocery lists
Holds list of ingredients from recipes made by user

grocery_id
list_author references user_id
Recipe_references post_id
added_ingredients

One to one
NONEXISTENT

One to many
User to posts - one user can make many posts
User to occasions- user can have many occasions
User to grocery list- user can have many lists

Many to many
⊷ Occasion ⊷   ⊲⊲⊳⊳ ⊷ Posts ⊷ —> MANY OCCASIONS CAN HAVE
MANY POSTED RECIPES AND MANY POSTED RECIPES CAN BE INSIDE OF MANY
OCCASIONS

- CREATE TABLE users (
- user_id SERIAL PRIMARY KEY,
- user_password VARCHAR(500),
- user_email VARCHAR(255),
- first_name VARCHAR(50),
- last_name VARCHAR(50)
-);
-
-
- CREATE TABLE occasions (
- occasion_id SERIAL PRIMARY KEY,
- occasion_name VARCHAR(50),
- post_author INT NOT NULL REFERENCES users(user_id),
- occasion_recipe INT NOT NULL REFERENCES posts(post_id)
-);
-
- CREATE TABLE posts (
- post_id SERIAL PRIMARY KEY,
- photo VARCHAR(2000),
- recipe_instructions VARCHAR(2000),
- recipe_ingredients VARCHAR(100),
- post_author INT NOT NULL REFERENCES users(user_id)
-);
-
- CREATE TABLE groceryList(
- GroceryList_id SERIAL PRIMARY KEY,
- list_author INT NOT NULL REFERENCES users(user_id),
- recipe_ingredients VARCHAR(100),
- added_ingredients VARCHAR(100)
-);