Brainstorming

* Users
  + User id
  + Name
  + Email
  + Password
* Recipes
  + Recipe id
  + Recipte name
  + Link to user
  + Instructions
  + Public/private
* RecipesIngredients
  + recipesIngredients id
  + Link to recipe
  + Link to ingredient
* Ingredients
  + Ingredient id
  + Ingredient name
* Grocery List
  + Grocery list id
  + Link to recipes ingredients
  + Link to user
* OccsionsRecipes
  + occasions Recipes id
  + occasions id
  + recipe id
* Occasions
  + Occasion id
  + User id
  + Occasion name
  + Occasion description
  + Link to user
  + Link to recipe

CREATE TABLE users(

user\_id SERIAL PRIMARY KEY,

username VARCHAR(255) NOT NULL,

email VARCHAR(255) NOT NULL,

password VARCHAR(255) NOT NULL,

picture VARCHAR NOT NULL,

bio VARCHAR NOT NULL

);

CREATE TABLE posts (

post\_id SERIAL PRIMARY KEY,

user\_id int NOT NULL REFERENCES users(user\_id),

content VARCHAR(1000) NOT NULL

);

CREATE TABLE users(

user\_id SERIAL PRIMARY KEY,

name VARCHAR(255) NOT NULL,

email VARCHAR(255) NOT NULL,

password VARCHAR(255) NOT NULL

);

CREATE TABLE occasions (

occaasion\_id SERIAL PRIMARY KEY,

user\_id INT NOT NULL REFERENCES users(user\_id),

name VARCHAR(255) NOT NULL,

event\_date DATE NOT NULL

);

CREATE TABLE recipes (

recipe\_id SERIAL PRIMARY KEY,

user\_id INT NOT NULL REFERENCES users(user\_id),

name VARCHAR(255) NOT NULL,

instructions TEXT NOT NULL,

private BOOLEAN NOT NULL

);

CREATE TABLE occasions\_recipes (

occasions\_recipes\_id SERIAL PRIMARY KEY,

occasion\_id INT NOT NULL REFERENCES occasions(occaasion\_id),

recipe\_id INT NOT NULL REFERENCES recipes(recipe\_id)

);

CREATE TABLE grocery\_list (

grocery\_list\_id SERIAL PRIMARY KEY,

user\_id INT NOT NULL REFERENCES users(user\_id),

name VARCHAR(255) NOT NULL

);

CREATE TABLE ingredients (

ingredient\_id SERIAL PRIMARY KEY,

name VARCHAR(255) NOT NULL

);

CREATE TABLE recipes\_ingredients (

recipes\_ingredients\_id SERIAL PRIMARY KEY,

recipe\_id INT NOT NULL REFERENCES recipes(recipe\_id),

ingredient\_id INT NOT NULL REFERENCES ingredients(ingredient\_id)

);

CREATE TABLE grocery\_ingredients (

grocery\_ingredients\_id SERIAL PRIMARY KEY,

ingredient\_id INT NOT NULL REFERENCES ingredients(ingredient\_id),

grocery\_list\_id INT NOT NULL REFERENCES grocery\_list(grocery\_list\_id)

);