Step 1&2
USERS
1. User_id -serial
2. Email -varchar
3. Password
4. Profile pic
5. Personal recipes

recipes
1. INSTRUCTIONS varchar
2. Ingredients varchar
3. public=boolean
4. private=boolean

Main page
1. **user-Recommended recipes**
2. **Recipe ranking**
3. **Recipe search**

Other users
1. **Id**
2. **User1**
3. **User2**
4. **ingredients**
5. **Recipes**

Occasions
1. **Date**
2. **Time**
3. **Occasion type**
4. **recipes**

Grocery list
1. **ingredients**

RELATIONSHIPS

One to one
1. **occasions(this is a more unique data set and doesnt relate to all tables**

One to many
1. **Grocery list**
2. **Main page**

Many to many

1. User
2. Other users
3. Recipes

Columns:

users
User id= unique identifier for my users
email= allows users to register a unique account
password= allows security of the users unique account
Profile pic= allows personality for the user profile
recipes= store saved recipes the user chooses

main
User recommendations= allows users to share recipes with other users
Recipe ranking= allows users to share their recipe experience with others
Recipe search= allows users to search for specific recipes/meals

Other users
user1= enables us to view other users profiles
user 2= enables us to view multiple user profiles

occasions
date= when the occasion takes place
time=when the occasion takes place
Occasion type= enables other users to see what occasions you have planned
recipe=enables other users to see what recipes you prepare for certain occasions for the corresponding occasion type

Grocery list

ingredients= allows for the sharing of ingredients from other users recipes

recipes

instructions= gives step by step instructions how to complete the meal

ingredients= complete list of all items needed for the meal

public= allows users to allow anyone to see your recipes/ingredients

private= allows users to restrict who can view their recipe/ingredients.

STATEMENTS

```
CREATE TABLE users(
ID SERIAL PRIMARY KEY NOT NULL,
 user_id serial NOT NULL,
 email VARCHAR,
 password VARCHAR,
 profile_pic_url VARCHAR,
 recipes VARCHAR
);

CREATE TABLE main(
ID SERIAL PRIMARY KEY NOT NULL,
 user_recommended_recipes VARCHAR,
 recipe_ranking INT,
 recipe_search VARCHAR
);
```

```sql
CREATE TABLE other_users(
ID SERIAL PRIMARY KEY NOT NULL,
  user1 INT,
  user2 INT
);

CREATE TABLE occasions(
ID SERIAL PRIMARY KEY NOT NULL,
  day VARCHAR,
  hour INT,
  occasion_type VARCHAR,
  recipe VARCHAR
);

CREATE TABLE grocery_list(
ID SERIAL PRIMARY KEY NOT NULL,
ingredients VARCHAR
);

CREATE TABLE recipes(
ID SERIAL PRIMARY KEY NOT NULL,
ingredients VARCHAR,
  instructions VARCHAR,
  public BOOLEAN,
  private BOOLEAN
);
```