**Brainstorming**users\_id  
email  
username  
Password

Recipe\_id  
recipe\_name  
ingredients  
instructions  
public/private (viewable Boolean)  
grocery\_list  
grocery\_id  
grocery\_contents  
occasions\_id  
occasion\_name  
recipe\_for\_occasion  
user linked to occasion  
  
**Table Ideas**users – user account info  
recipes – ingredients, name, an id to link it to, cooking time with instructions  
groceries  
occasions  
  
**Created Tables**Users  
user-id int (primary key) auto incrementing  
email – varchar for users to enter in their info of letters/numbers  
username- varchar since usernames are strings  
password- varchar since passwords are strings  
  
Recipes  
Id – primary key, auto incrementing  
recipe-creator Links to user ID as the person who the recipe belongs to  
name – varchar since it’s a recipe name is a string  
ingredients – varchar list of strings  
  
 **SQL Commands**CREATE Table users (  
 user\_id SERIAL PRIMARY KEY,  
 email VARCHAR(100),  
 username VARCHAR(255),  
 password VARCHAR(255)  
)  
CREATE Table recipes (  
 recipe\_id SERIAL PRIMARY KEY,  
 recipe\_creator INTEGER NOT NULL REFERENCES users(users\_id),  
 name VARCHAR(255),  
 ingredients VARCHAR(255),  
 viewable BOOLEAN  
)  
CREATE Table groceries (  
 cart\_id SERIAL PRIMARY KEY,  
 ingredient\_name INTEGER NOT NULL REFERENCES recipes(ingredients),  
 ingredient\_price INTEGER,  
 cart\_total INTEGER   
)  
CREATE Table occasions(  
 occasion\_id SERIAL PRIMARY KEY,  
 recipe\_id INTEGER NOT NULL REFERENCES recipes(recipe\_id),  
 user\_id INTEGER NOT NULL REFERENCES users(user\_id),  
 name VARCHAR(255),   
)