**Brainstorming**

Users

User id

Username

Email

Password

Grocery List

Occasions

Recipes

Recipes

Recipe id

Ingredients

Instructions

public/private

Grocery Lists

Grocery List ID

Ingredients

Occasions

Occasion ID

Ingredients?

Assign recipes to occasions

Track Recipes

**Tables**

Users

User id

Username

Email

Password

Grocery List

Occasion

Recipe

Recipes

Recipe id

User id

Ingredients

Instructions

public/private

Grocery Lists

Grocery List ID

User ID

Recipe ID

Ingredients

Occasions

User ID

Occasion ID

Recipe ID

Ingredients

ingredient\_id

Ingredient\_name

Ingredient\_category

CREATE TABLE users (

user\_id SERIAL PRIMARY KEY,

username VARCHAR(40),

email VARCHAR(225),

password VARCHAR(225),

grocery\_list VARCHAR(225),

occasion\_id VARCHAR(225),

recipe VARCHAR (225)

);

CREATE TABLE ingredients (

-- ingredient\_id SERIAL PRIMARY KEY,

-- ingredient\_name VARCHAR(225),

-- ingredient\_category VARCHAR(225)

-- );

-- CREATE TABLE recipes(

-- recipe\_id SERIAL PRIMARY KEY,

-- user\_id INT REFERENCES users (user\_id),

-- ingredient\_id INT REFERENCES ingredients (ingredient\_id),

-- instructions VARCHAR(400),

-- public BOOLEAN

-- );

CREATE TABLE occasion (

occasion\_id SERIAL PRIMARY KEY,

user\_id INT REFERENCES users(user\_id),

occasion\_date VARCHAR(225),

occasion\_name VARCHAR(225),

recipe\_id INT REFERENCES recipes(recipe\_id)

);

CREATE TABLE grocerylist (

grocery\_list\_id SERIAL PRIMARY KEY,

user\_id INT REFERENCES users(user\_id),

recipe\_id INT REFERENCES recipes(recipe\_id),

ingredient\_id INT REFERENCES ingredients(ingredient\_id)

);