

BRAINSTORMING

- Username
- Email
- Password
- Recipe
- Public Recipe
- Private Recipe
- Recipe View
- Grocery list view
- Occasions
- Assign recipes to certain occasion

TABLES

- Recipe
 - Recipe_id
 - Recipe_content
 - Recipe_is_private
 - ingredient_name
 - Recipe_instruction
 - Recipe_picture
 - recipe_author
 -
- User
 - User_id
 - User_name
 - User_email
 - User_password
 - Gender
 - First name
 - Last name
 - Recipe list
 - Bio
 -
- Grocery list
 - Grocery_id
 - user_id
 - Grocery_content

- Recipe_id (ingredients
-
- Occasions
 - Table to hold all occasions, as well as tied to the user and grocery list table
 - Occasions_id
 - User_id
 - Recipe_id
 - Occasions_time
 - Occasions_type
 - Occasions_address
 - Occasions_info

RELATIONSHIPS

One to one

One to many

- User → recipe
- Occasion → recipes
- Recipe → ingredients
- User → ingredients
-

Many to many

- Food → Genre
- User → user
- Occasions → user

COLUMNS

```
CREATE TABLE user(
  user_id SERIAL PRIMARY KEY,
  user_name VARCHAR(30),
  user_email VARCHAR(30),
  user_password VARCHAR(30),
  user_first_name VARCHAR(30),
  user_last_name VARCHAR(30),
```

```
user_gender VARCHAR(30),  
user_bio VARCHAR(30)  
);
```

```
CREATE TABLE recipe(  
  recipe_id SERIAL PRIMARY KEY,  
  recipe_content VARCHAR(3000),  
  recipe_is_private BOOLEAN,  
  recipe_name VARCHAR(30),  
  recipe_creator INT NOT NULL REFERENCES user(user_id),  
  recipe_picture VARCHAR(3000),  
  recipe_instruction VARCHAR(3000)  
);
```

```
CREATE TABLE grocery_list(  
  grocery_id SERIAL PRIMARY KEY,  
  grocery_list_creator INT NOT NULL REFERENCES user(user_id),  
  grocery_content VARCHAR(300)  
);
```

```
CREATE TABLE occasions(  
  occasion_id SERIAL PRIMARY KEY,  
  occasion_creator INT NOT NULL REFERENCES user(user_id),  
  occasion_time VARCHAR(30),  
  occasions_type INT NOT NULL REFERENCES recipe(recipe_id),  
  occasions_address VARCHAR(30),  
  occasions_info VARCHAR(3000)  
);
```

