

Recipe/Grocery List App:

Tables:

User

- id
- email
- password

Recipes

- id
- name
- ingredients id (fk ingredients id)
- instructions
- privacy

Ingredients

- id
- name

user_grocery_list

- id
- user id (fk user id)
- recipe id (fk recipe id)
- ingredients id (fk ingredients id)

Occasions

- id
- name
- recipe (fk recipes)
- user id (fk user)

Table Creation sql code:

```
-- CREATE TABLE users (  
--   id SERIAL PRIMARY KEY,  
--   email VARCHAR(50) NOT NULL,  
--   password VARCHAR(50) NOT NULL  
-- );  
  
-- CREATE TABLE ingredients (  
--   id SERIAL PRIMARY KEY,  
--   name VARCHAR(50) NOT NULL  
-- );  
  
-- CREATE TABLE recipes (  
--   id SERIAL PRIMARY KEY,  
--   name VARCHAR(50) NOT NULL,  
--   instructions VARCHAR NOT NULL,  
--   privacy BOOLEAN NOT NULL,  
--   ingredients_id INT NOT NULL REFERENCES ingredients(id)
```

```
-- );

-- CREATE TABLE user_grocery_list (
--   id SERIAL PRIMARY KEY,
--   user_id INT NOT NULL REFERENCES users(id),
--   recipes_id INT NOT NULL REFERENCES recipes(id),
--   ingredients_id INT NOT NULL REFERENCES ingredients(id)
-- );

-- CREATE TABLE occasions (
--   id SERIAL PRIMARY KEY,
--   name VARCHAR(50) NOT NULL,
--   user_id INT NOT NULL REFERENCES users(id),
--   recipe_id INT NOT NULL REFERENCES recipes(id)
-- );
```