BrainStorm

Keep users in a table
Keep users recipes in together
Keep recipes in a table so we can show them separately
Need to keep a groceries list for people to keep.

Table ideas

Account Table for emails and hash passwords of each account
Recipes Table for recipes
Groceries table that can be added for what people what in them.
Occasions Table for occasions so they can put recipes in the occasions

Relationships

One to one

Occasion to recipes

One to many

Account to recipes for each account with have many recipes
Account to groceries for each account will have many groceries from each recipe
Account to occasions for account can have many occasions

Many to many

Occasions to recipes to groceries they need to be together for occasions to have all the date it needs.

```sql
CREATE TABLE users (
    user_id SERIAL PRIMARY KEY,
    email VARCHAR(100),
    password VARCHAR(40)
 );

CREATE TABLE recipes (
    recipes_id SERIAL PRIMARY KEY,
    user_id INTEGER REFERENCES users(user_id),
    ingredients TEXT,
    instructions TEXT
 );
CREATE TABLE grocery (
    grocery_id SERIAL PRIMARY KEY,
    user_id INTEGER REFERENCES users(user_id),
    recipes_id INTEGER REFERENCES recipes(recipes_id),
```

```sql
    ingredients TEXT REFERENCES recipes(ingredients)
);


CREATE TABLE occasions (
    occasions_id SERIAL PRIMARY KEY,
    user_id INTEGER REFERENCES users(user_id),
    recipes_id INTEGER REFERENCES recipes(recipes_id),
);
```