Brainstorming:

1. user_id
2. password
3. email
4. recipe_id
5. privacy_status
6. ingredients_id
7. instructions_id
8. grocery_list_id
9. occasions_id
10. review_id

Table ideas:

1. users(info about users)
2. recipe(info about recipes)
3. ingredients(list of ingredients)
4. occasions(special accasions associated with a certain recipe and user)-middle table
5. reviews(middle table)

Relationships:

One-to-one:

1. recipe to instructions
2.

One-to-many:

1. recipes to reviews
2. users to recipes
3.

Many-to-many:

1. ingredients to recipes

SQL-DM Postgres Sandbox:

```
-- CREATE TABLE users(
--   user_id SERIAL PRIMARY KEY,
```

```
--   email VARCHAR(50),
--   password VARCHAR(50)
--   );

-- INSERT INTO users(email,password)
-- VALUES('abc@gmail.com','12345abc!'),
-- ('qwe@gmail.com','qwe123!');

--SELECT*FROM users

-- CREATE TABLE recipes(
--   recipe_id SERIAL PRIMARY KEY,
--   user_id INTEGER NOT NULL REFERENCES users(user_id),
--   instructions TEXT,
--   private BOOLEAN,
--   ingredients_list_id INTEGER NOT NULL REFERENCES
ingredients_lists(ingredients_list_id),
--   name TEXT
--   );

-- CREATE TABLE ingredients_lists(
--   ingredients_list_id SERIAL PRIMARY KEY
--   );

-- CREATE TABLE reviews(
--   review_id SERIAL PRIMARY KEY,
--   user_id INTEGER NOT NULL REFERENCES users(user_id),
--   recipe_id INTEGER NOT NULL REFERENCES
recipes(recipe_id),
--   body TEXT
--   );

-- CREATE TABLE occasions(
--   occasion_id SERIAL PRIMARY KEY,
--   user_id INTEGER NOT NULL REFERENCES users(user_id),
--   recipe_id INTEGER NOT NULL REFERENCES
recipes(recipe_id)
-- );

-- CREATE TABLE grocery_list(
```

```
-- grocery_list_id SERIAL PRIMARY KEY,
-- user_id INTEGER NOT NULL REFERENCES users(user_id),
-- list_content TEXT

-- );
```