

## Features

- users can sign into the app with their email and password
- users can create recipes with ingredients and instructions
- recipes can be marked as public or private
- users can view other people's recipes
- ingredients from recipes can be added to user's grocery lists
- users can create their own occasions and assign recipes to occasions

### STEP 1.1

## Brainstorming/data needed:

- User email
- User password
- User First Name
- User Last Name
- User\_id
- User\_phone
- Gender
- Recipes
- Ingredients
- Title
- Bio
- Is public
- Instructions
- Occasion

### STEP 1.2

## Tables

User table:

- User\_id
- Email
- Password
- First name
- Last name
- Gender
- Bio
- Phone number
- Profile picture

Recipe table:

- Recipe \_id
- Title
- Instructions
- Ingredients
- Is public
- Occasion

Grocery table:

- Grocery\_id
- User\_id
- Ingredients

Public table:

- Public\_id
- User\_id
- Title
- Instructions
- Ingredients
- Occasion

### STEP 1.3

#### Relationships:

- One to one
  - User, grocery
- One to many
  - recipe
- Many to many
  - public

### STEP 2.2

#### Seed:

```
CREATE TABLE users(  
  user_id SERIAL PRIMARY KEY,  
  user_first_name VARCHAR(50),  
  user_last_name VARCHAR(50),  
  user_email VARCHAR(50),  
  user_password VARCHAR(500),  
  bio VARCHAR(1000),
```

```
gender VARCHAR(10),  
user_phone INT,  
profile_pic TEXT  
);
```

```
CREATE TABLE recipe(  
  recipe_id SERIAL PRIMARY KEY,  
  user_id INT NOT NULL REFERENCES users(user_id),  
  title VARCHAR(50),  
  instructions TEXT,  
  ingredients TEXT,  
  recipe_post BOOLEAN,  
  occasion VARCHAR(50)  
);
```

```
CREATE TABLE grocery_list (  
  grocery_id SERIAL PRIMARY KEY,  
  recipe_id INT NOT NULL REFERENCES recipe(recipe_id)  
);
```

### **STEP 3**

```
-- INSERT INTO users (user_first_name, user_last_name, user_email,  
user_password, bio, gender, user_phone, profile_pic)
```

```
-- Values
```

```
-- ('Adam', 'Hunter','email1@gmail.com', 'paSsword1', 'Likes cooking home  
meals', 'male', 1234567890, 'profile pic'), ('Nichole', 'Hunter','email2@gmail.com',  
'paSSword1', 'Likes cooking easy meals', 'female', 1234567891, 'profile pic'),  
('Blake', 'Hunter','email3@gmail.com', 'paSsWord1', 'Likes cooking fancy meals',  
'male', 1234567892, 'profile pic');
```

```
INSERT INTO recipe (user_id, title, instructions, ingredients, recipe_post,  
occasion)
```

```
VALUES
```

```
(1, 'Pizza Bagles', 'Make your own mini pizza on a bagle','bagle cheese tomato  
sauce pepperoni', 'True', 'anytime'), (2, 'PB&J', 'Make your own sandwich','bread  
peanut butter jelly', 'True', 'anytime'),(3, 'Grilled Cheese', 'Make your own  
sandwich','bread cheese', 'True', 'anytime'), (1, 'Quesadilla', 'Make your own  
dang quesadilla','tortilla cheese', 'False', 'anytime');;
```

```
INSERT INTO grocery_list (recipe_id)
```

```
VALUES
```

```
(1), (2), (3);
```

```
SELECT * FROM users;
```

```
SELECT * FROM recipe
```

```
WHERE recipe_post = True; - identifies if the recipe is public
```

```
SELECT * FROM grocery_list;
```