

GROCERY LIST and RECIPE SHARING/CREATING

Brainstorming:

login/register

- email/password
- DOB
- phone#
- bio
- business/personal use

Create recipes w/ ingredients and instructions

- Recipe_id
- content/ingredient/instructions

Making Things Private/Public

- post_id
- users

Users Can View Others Recipes

- Recipe_id
- content
- User_id

Ingredients Can Be Added To Grocery List

- content/ingredients
- User_id
- Grocery_cart_id
- Grocery_contents

TABLE IDEAS

Users:

- Hold information about users

Authorization:

- Password, Username, Email, DOB, Phone#

Recipe:

- Hold recipe information & instruction, the user who posted it and the ability to add it to your cart, image, rating, how many people tried it and who posted it.

Public/Private:

- Hold information on the recipe you have privated and who is allowed to see it if any

View Recipes:

- Holds info on who created the recipe, the ingredients in the recipe as well as the instructions.

Ingredients Added to Cart/List

- Hold information of the recipe and its ingredients

RELATIONSHIP

One to One

- Users to Auth - taking info from 1 table
- View taking - info from 1 table
- Private/Public - taking info from 1 table

One to Many

- Cart - gathering info from other tables
- View Recipe
- Ingredients
- Instructions

```
CREATE TABLE Public/Private (  
    user_id integer NOT NULL,  
    recipe_id integer NOT NULL  
);  
  
CREATE TABLE Auth (  
    email VARCHAR(255) NOT NULL UNIQUE,  
    password VARCHAR(255) NOT NULL,  
    user_id INTEGER NOT NULL REFERENCES Users(user_id),  
    dob DATE NOT NULL  
);  
  
CREATE TABLE Cart (  
    recipe_id INTEGER NOT NULL,  
    ingredients TEXT NOT NULL,  
    user_id INTEGER NOT NULL REFERENCES Users(user_id)  
);  
  
CREATE TABLE Recipes (  
    user_id INTEGER NOT NULL,  
    ingredients TEXT NOT NULL REFERENCES Ingredients(ingredients),  
    instructions TEXT NOT NULL,  
    recipe_id SERIAL PRIMARY KEY NOT NULL,  
    rating INTEGER,
```

```
    comments TEXT,
    image TEXT,
    made INTEGER
);

CREATE TABLE View_Recipes (
    recipe_id INTEGER NOT NULL,
    comment_id SERIAL PRIMARY KEY NOT NULL,
    user_id INTEGER NOT NULL,
);

CREATE TABLE Users (
    user_id SERIAL PRIMARY KEY NOT NULL REFERENCES Users(user_id),
    first_name VARCHAR(255) NOT NULL,
    last_name VARCHAR(255) NOT NULL,
    bio TEXT,
    favorite_recipes INTEGER,
    recipes_made INTEGER NOT NULL REFERENCES Made_Recipes(made_id),
);

CREATE TABLE Ingredients (
    ingredients TEXT NOT NULL,
    amount TEXT NOT NULL
);

CREATE TABLE Made_Recipes (
    made_id SERIAL PRIMARY KEY NOT NULL,
    recipe_id SERIAL PRIMARY KEY NOT NULL REFERENCES Recipes(recipe_id)
```

```
);
```

```
CREATE TABLE Instructions (  
    instructions TEXT NOT NULL,  
    time_to_make TEXT NOT NULL  
);
```