

Brainstorming

Username

Password

public/private

Recipes

Ingredients

Grocery list

Occasions

Sign in

- Password
- Username
- Firstname
- Lastname
- birthday

Make a recipe

- Instructions
- Ingredients
- Make recipe public/private
- Add recipe to occasion

Create occasion

- Occasion name

Table Ideas

User:has info about the user like email password and username

Recipe:has ingredients and occasion public/private which user authored the recipe

Ingredient:has name of ingredient

Occasion:occasion name, occasion recipe

GroceryList:ingredients

Relationships

One-to-one

- User==>Username
- User==>Password
- User==>email

One-to-many

- recipe====>ingredients
- user====>recipe

Many-to-many

- Grocerylist <====>recipe
- occasion====>recipe

```
CREATE TABLE user (
  user_id SERIAL PRIMARY KEY,
  username VARCHAR(50),
  user_password VARCHAR(500),
  user_email VARCHAR(50)
);
```

```
CREATE TABLE ingredients (
  ingredient_name VARCHAR(50),
  ingredient_id SERIAL PRIMARY KEY,
  recipe_id INTEGER NOT NULL REFERENCES recipe(recipe_id),
  grocery_list_id INTEGER NOT NULL REFERENCES grocerylist(grocery_list_id)
);
```

```
CREATE TABLE recipe (
  recipe_id SERIAL PRIMARY KEY,
  recipe_ingredients VARCHAR(50),
  recipe_instructions VARCHAR(1000),
  is_public BOOLEAN DEFAULT TRUE
);
```

```
CREATE TABLE occasion (
  occasion_id SERIAL PRIMARY KEY,
  occasion_name VARCHAR(50)
);
```

```
CREATE TABLE grocerylist (
  grocery_list_id SERIAL PRIMARY KEY
);
```

<https://dbdiagram.io/d/61afceba8c901501c0e57c9a>

