

## 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

USER;

User\_id

user\_password

user\_email

User\_firstname

User\_lastname

user\_recipes

user\_occasions

Recipe;

Recipe\_id

recipe\_title

Recipe\_photo

Recipe\_ingredients

Recipe\_instruction

recipe\_comment

Is\_public

recipe\_addToOccasion

Grocery list

user\_id

Recipe\_id

Recipe\_ingredients

# Table ideas

This table will include user info along with their occasion location & grocery list location(much like how amazon has your lists in your profile page)

```
USERS table(  
  User_id  
  user_password  
  user_email  
  User_firstname  
  User_lastname  
  User_recipes  
  user_grocerylist  
  User_occasions  
);
```

The recipe table will contain a recipe id, the title, a photo to show the user how the dish would appear when done, the ingredients, the instructions, a boolean value to determine if the recipe is public, then a way to have the recipe added to the occasion table

```
Recipe table(  
  Recipe_id  
  recipe_title  
  Recipe_photo  
  Recipe_ingredients  
  Recipe_instruction  
  recipe_comment  
  recipe_addToOccasion  
);
```

This table holds the basic “overlay” (don't know if that's the proper word) of the important parts of info needed. The user id, the recipe title and the list of ingredients you're going to buy from that recipe.

```
Grocery list table  
  user_id  
  Recipe_title  
  Recipe_ingredients
```

## Relationships

One to one:

User ⇔ grocery list

One to many

- User => recipes
- User => occasions
- recipes => comments

Many to Many

- Recipe ⇔ occasion
- 

New table

Occasions

occasion\_title

Recipe\_title

Recipe\_photo

```
Table "users" {  
  "users_id" int [pk, increment]  
  "users_password" VARCHAR(300)  
  "users_email" VARCHAR(300)  
  "users_firstname" VARCHAR(50)  
  "users_lastname" VARCHAR(50)  
  "users_recipes" VARCHAR(5000)  
  "users_grocerylist" VARCHAR(5000)  
  "users_occasions" VARCHAR(50)  
}
```

```
Table "recipe" {  
  "recipe_id" int [pk, increment]  
  "recipe_title" VARCHAR(30)  
}
```

```
Table "groceries" {  
  "users_firstname" VARCHAR(50)  
  "recipe_title" VARCHAR(30)
```

```
"recipe_ingredients" VARCHAR(5000)  
}
```

```
Table "occasions" {  
  "occasion_title" VARCHAR(30)  
  "recipe_title" VARCHAR(30)  
  "recipe_photo" VARCHAR(2000)  
}  
  "recipe_photo" VARCHAR(2000)  
  "recipe_ingredients" VARCHAR(5000)  
  "recipe_instruction" VARCHAR(10000)  
  "recipe_addToOccasion" VARCHAR(30)
```