App recipes

users	Recipes	Grocery lists	Occasions
Id.users Email Password	Recipes_id, Ingredients, Instructions, Create, public or private	Id_grocery ownBy List	Create their own Assign recipes Contem do recipe id, Home and date
will be useful to have the user's data when they connect with the application, and will be useful for tracking sign-in and recipes.	Users can create their recipes. Contains ingredients and instructions. Users can choose between public and private	This list contains shopping lists that users can have.	This table allows the user to track occasions and what recipe they would like to make during the occasion.

Relationships

Users to Grocery List table	Users to recipes table	User to occasions table	Recipes to occasions
One to One This relationship was chosen because when the user wants to make a recipe, he will need to buy the ingredients and this table will store the necessary products to their personal shopping list.	One to many The relationship between users and recipes, especially when they create Since a user can have access and create several recipes	One to many The relationship between users and occasion Where each user can create their occasion	One to many The relationship between recipes and occasions Where each user can connect their recipes to occasions.

:.

Each Table

users	This table is related to the data from the users
id.users	Unique identifier for users (primary key auto increment integer)
email_user	For the user to have access to the account, we use their email as a source of information. (string)
password_user	The password of the user that will allow access to their account (string)

grocery_list	The grocery list is one of the features of the application, allowing the ingredients that are in the recipes to be automatically added to your shopping list.
id_grocery	Unique identifier for grocery list (primary key auto increment and integer)
ownBy	The user who owns the grocery list
list	The list that allows for more organization and clarity for the user (string)

recipes	Contains all application recipe information
recipes_id	Unique identifier for recipes (primary key auto increment and integer)
owned_by	The user owns their recipes
ingredients_users	These are general information about the ingredients, where the user implements or accesses the information.(string)
instructions_users	These are the general information of the instructions, where the user implements or accesses the information.(string)
public	It is an optional access for those who want to expose their information or remain private to themselves (boolean)

occasions	Events the user wants to do
id_occasions	Unique identifier for occasions (primary key auto increment and integer)
createBy	Track which user created the occasion (primary key auto increment and integer)
recipe_id	Which recipe will be cooked at event (primary key auto increment integer)
name	The event name (string)
date	(date) the time of the occasion
place	Where the occasion will happen (string)