

## RECIP-EAZE

Recipe creating sharing and grocery list app

### 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

### BRAINSTORMING

- Signing in to app
  - Email
  - username
  - Password
- Creating recipes
  - mark as public or private
  - log recipe name , ingredients (text), instructions (text) add all
  - full recipe ID (name ingredients and instructions)
  - post recipes
  - user ID
- Recipe search / forum
  - recipe lists
  - recipe IDs
  - User IDs/creator ID
  - saving recipes
  - adding recipes to saved list
  - add ingredients to grocery list
- Occasions/Events
  - save recipes to events or occasions
  - event ID
  - recipe IDs
- Grocery list
  - Recipe ingredients (text)

### TABLE IDEAS

- Users
  - This table will contain user information, including allergies and diet restrictions, food preferences.
- Authorization

-This table will include login information about user including email, username and password

- POST(Recipe Post)
  - This table will include information about the recipes being posted including: recipe name, ingredients, instructions, public or private, image, post date
- Grocery( List)
  - this table includes a list of ingredients that are added to grocery list by user
- Occasion
  - this table will include information regarding special occasions including the occasion name, size of group/party, event date, event time, list of recipes
- Library (Saved Recipes)
  - This table stores and displays the saved recipes by each user.
- Browse
  - hold recipes IDs, images, user Id-s, comments,
- Comment
  - contains user ID, date, time, text and body of comment, user name

## RELATIONSHIP

### One-To-One

- User to AuthOkay (one user has one auth set of data)
- User to Grocery List (option for One-To-Many i.e 6/24/2021 Grocery list etc. separated by name) (one user has one grocery list)

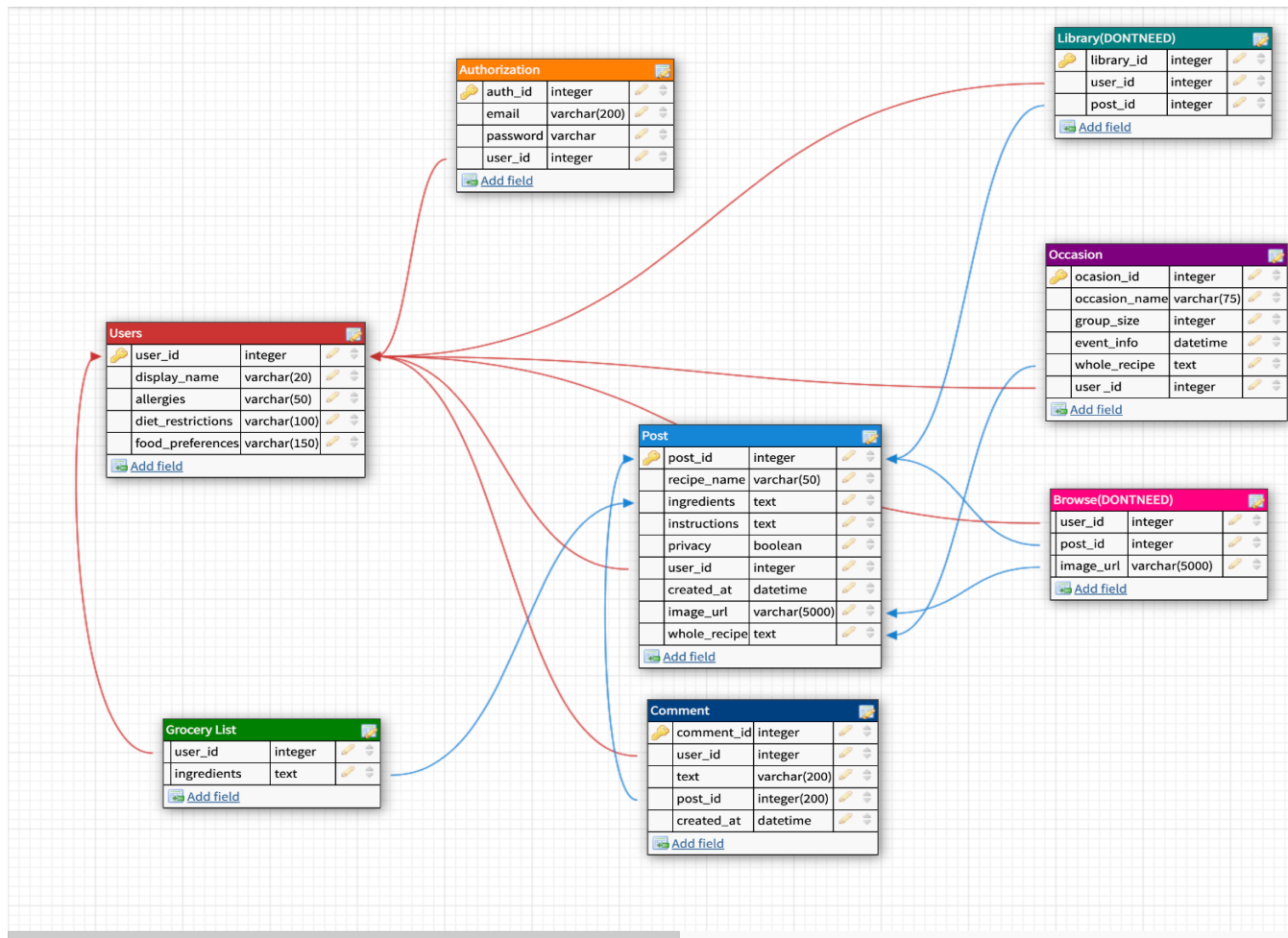
### One-To-Many

- User to Comment (one user can make many comments)
- User to Recipe Post (one user can make many recipe posts)
- User to Occasion (one user can make many occasions)

### Many-To-Many

- Users to Saved Recipes (many users can save multiple recipes while many recipes can be saved by many users)

## DBDESIGNER TABLES



## COLUMNS

### Data type in img (explanation after column header)

#### Users

user\_id (unique number for verification)  
 display\_name (limited characters for space)  
 allergies (limited characters for user information)  
 diet\_restrictions (limited characters for user information)  
 food\_preferences (limited character count for user information)

WHY- storing user information to allow for better user experience and necessary profile details

#### Authorization

auth\_id (unique number)  
 Email (unique for security purposes)  
 password (varchar for allotment of many characters)  
 user\_id (unique number for verification)

WHY- storing data to provide for secure login and save user credentials

#### Post

Post\_id (special number for unique post)  
recipe\_name(character limit for title of recipe)  
Ingredients (text for longer allotment of text)  
Instructions (text for longer allotment of text)  
Privacy (true or false for private or public)  
User\_id (unique number for verification)  
Created\_at (to show specific date and time)  
Image\_url (long character count for varied url length)  
Whole\_recipe

WHY- storing all necessary data to connect recipes to additional features and included items in a “post” for a recipe to allow for convenience of users

Comment

User\_id (number)  
Created\_at (to show specific date and time)  
Comment\_id (limited text)  
Text(body of text)  
Post\_id (unique number for unique comment)

WHY- allowing users to provide feedback by storing and providing necessary information and details of users and parts of a comment that provide quality user experience

Grocery List

User\_id(number)  
Ingredients (text for longer allotment of text)

WHY - being able to keep track of all ingredients that users need to be able to purchase.

Occasion

Occasion\_id(number)  
Occasion\_name(limited chars for space)  
Group\_size(number count)  
Event\_info(time of event)  
Whole\_recipe(text for more content)  
User\_id(number)

WHY - storing data to be able to log events and keep track of what recipes are needed.

## POSTGRES TABLES

```
create table app_user(  
  user_id serial primary key,  
  display_name VARCHAR(20),  
  allergies VARCHAR(50),  
  diet_restrictions VARCHAR(100),  
  food_preferences VARCHAR(100))  
;
```

```

create table auth(
  auth_id serial primary key,
  email VARCHAR(200),
  password VARCHAR(250),
  user_id Integer)
;
create table post(
  Post_id serial primary key,
  recipe_name VARCHAR(50),
  Ingredients TEXT,
  Instructions TEXT,
  Privacy boolean,
  User_id integer,
  Created_at date,
  Image_url VARCHAR(5000),
  Whole_recipe TEXT)
;

```

```

create table comment(
  Comment_id serial primary key,
  User_id int,
  Created_at date,
  text_body text,
  Post_id int
);

```

```

create table grocery_list(
  ingredients text,
  user_id int
);

```

```

create table occasion (
  occasion_id serial primary key,
  occasion_name varchar(75),
  group_size int,
  event_info date,
  whole_recipe text,
  user_id int
);

```

## INTERMEDIATE

```
insert into app_user  
values(1,'Baking Becky','vegetarian','no dairy','soy')  
;
```

```
insert into app_user  
values(2,'Cooking Christy','vegan','no gluten','tree nuts')  
;
```

```
insert into app_user  
values(3,'Marth Stewart','prison food','5 dollar and under meals','paying taxes')  
;
```

```
insert into post  
values(1, 'Jeddys orange chicken', 'chicken, orange sauce', 'warm up leftovers', true, 1,  
'2019-1-19',  
'https://www.modernhoney.com/wp-content/uploads/2018/01/Chinese-Orange-Chicken-2-1024x72  
9.jpg', 'yum');
```