

Brainstorming:

Users:

User_id
Username
Password
Email

Create Recipe:

Create_recepe_id
User_id
Timestamp
Text VARCHAR(255)

View Recipes:

view_recepie_id
User_id INTEGER

Privacy:

Privacy_id
User_id
Public
Private

Grocery List:

grocer_list_id
Create_recipe_id
View_recipe_id
Add_recipe

Occasion:

User_id
Add_recipe

Different Features:

Users can create an account
Post a recipe or grocery list
Save others recipes or grocery list
Save recipes to special occasions

Table #1

Users

-user_id INTEGER PRIMARY KEY AUTO
-username VARCHAR(30)
-password TEXT(30)
-email VARCHAR(30)

This table allows the user to create an account. Includes username, password and email.

Table #2

Ingredients

-ingredients_id
-user_id
-items TEXT VARCHAR(255)
-quantity TEXT VARCHAR(255)

This table allows the user to list the ingredients needed for a specific recipe. Includes each item and how much.

Table #3

Create Recipe

-create_id INTEGER PRIMARY KEY AUTO
-user_id INTEGER
-ingredients_id
-timestamp TIMESTAMP
-text TEXT VARCHAR(255)

This table allows the user to create a new recipe. Requires the user to input the ingredients and instructions for the recipe.

Table #4

Post Recipe

- post_id INTEGER PRIMARY KEY AUTO
- user_id INTEGER
- timestamp INTEGER
- text TEXT VARCHAR(255)

This table allows the user to post the recipe.

Relationships:

One to One:

-Privacy to users

One to Many:

User_id to everything

Table #5

View Recipe

- view_recipe_id PRIMARY KEY AUTO
- user_id INTEGER
- Posts

This table allows the user to view other recipes posted by other users.

Many to Many:

Columns:

Table #6

Grocery List

- Grocery_list_id
- user_id
- dairy
- meat
- dried food
- beverages

This table allows the user to create a new grocery list of all sorts of items. Separated into different types of items.

Table #7

-Occasion

- Occasion_id INTEGER PRIMARY KEY
- User_id INTEGER

This table allows the user to add a recipe to a special occasion.

For example: Turkey - Thanksgiving.