ReciMe Tables Documentation

GitHub Repo: **https://github.com/RECI-ME/reciMe**

This SQL script defines a database for managing recipes, chefs, users, and interactions like reviews, ratings, and favorites. Here's an easy-to-understand description:

1. **Database Creation:**

   o The script first creates a new database called **RECIME**.

   o Any existing tables are deleted to ensure no conflicts arise from previous data.

2. **Users Table:**

   o Stores user information such as a unique ID, registration date, username, email, and password.

   o Each user has a unique identifier (user_id) and their own profile.

3. **Chefs Table:**

   o Represents users who have posted at least 50 recipes.

   o Each chef is linked to a user (via user_id), and the table ensures that a chef can only be tied to one user.

4. **CertifiedChefs Table:**

   o Represents chefs with an average rating of 4.5/5 "forks" (equivalent to stars rating).

5. **Categories Table:**

   o Stores different recipe categories (e.g., desserts, main courses, vegan, spicy...).

   o Each category can be linked to a recipe (recipe_id), allowing recipes to be organized under specific categories.

6. **Recipes Table:**

   o Holds information about recipes, including their name, the user who created the recipe, and whether it's trending.

- o Each recipe is tied to a user and can have relationships with other tables (e.g., reviews, ingredients).

7. **Reviews Table:**

   - o Stores reviews on recipes.

   - o Each review is connected to both a user and a recipe.

8. **Favorites Table:**

   - o Tracks which recipes are marked as favorites by users.

   - o Each favorite links a user to a specific recipe they like.

9. **Ratings Table:**

   - o Users can give a numerical rating to recipes (1 to 5 forks).

   - o This table stores the rating score and associates it with a specific recipe.

10. **MarkedReviews Table:**

    - o Tracks reviews that have been flagged or marked by users.

    - o A review is linked to the user who marked it and the review itself.

11. **Ingredients Table:**

    - o Stores the ingredients used in recipes.

    - o Each ingredient is unique and linked to a recipe (recipe_id), ensuring the correct association between ingredients and recipes.