Recipe Blog
Web Technologies: homework 3

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This project aims to create a recipe blog where users can browse, create, and share recipes. The application allows register user, log in, create new recipes, view existing recipes, and manage their own recipes.

Problem Description:

The problem addressed by the Recipe Blog project is the need for a centralized platform where users can find and share cooking recipes. Often, users would like to look for some recipes or want to share their own recipes with others. Current recipe sharing platforms vary widely in terms of user-friendliness and the level of detail provided in recipes. While there are many good recipe blogs available, users often encounter challenges in finding recipes tailored to their specific needs, such as detailed ingredient lists and comprehensive cooking instructions, or ease of saving your own.

Solution:

The Recipe Blog project provides a solution by offering a user-friendly web application where users can register, log in, and create recipes. Each recipe includes detailed instructions, ingredient lists with quantities, and user-specific content management. The application is designed to make it easy to view recipes and save your own. Not registered users are only able to see 3 recipes to encourage them to create account on blog.
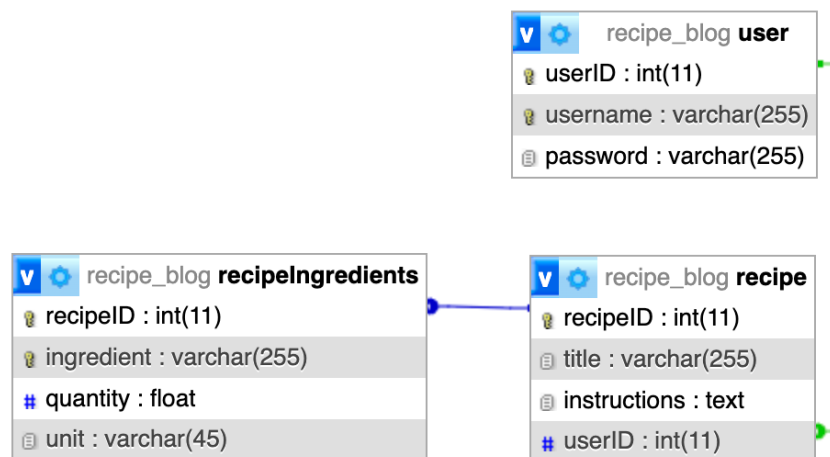
Database:

user:
- userID: Primary key for the user table.
- username: Username of the user.
- password: Encrypted password of the user.

recipe:
- recipeID: Primary key for the recipe table.
- title: Title of the recipe.
- instructions: Detailed cooking instructions.
- userID: Foreign key to identify which user created the recipe.

recipeIngredients:
- recipeID: Foreign key referencing the recipe to which the ingredient belongs.
- ingredient: Name of the ingredient.
- quantity: Quantity of the ingredient needed.
- unit: Unit of measurement for the quantity.

recipe_blog user
- userID : int(11)
- username : varchar(255)
- password : varchar(255)

recipe_blog recipeIngredients
- recipeID : int(11)
- ingredient : varchar(255)
- quantity : float
- unit : varchar(45)

recipe_blog recipe
- recipeID : int(11)
- title : varchar(255)
- instructions : text
- userID : int(11)

Sitemap:

```
                        index.php
              /                        \
           user                       recipe
        /   |   \                   /    |    \
  register login logout          edit   add  delete
```