DBMS Project Report
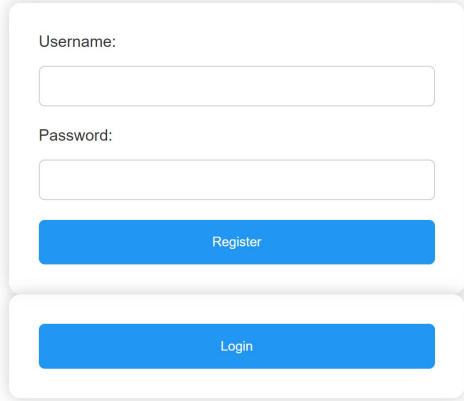
Ladi Bambose | Luke McGinley

Registration/Login

This is our registration/login page, here users can register as new users if they have not already made an account, or they can login with their credentials if an account has already been made.

Will not let users Register if they do not fill out Username/Password.

Recipe.com

Username:

Password:

Register

Login

Registration/Login

Once a user successfully registers, they will be notified that their account is registered. Now their account information will **INSERT** into the database.

They are directed back to the login page and login with their new credentials.
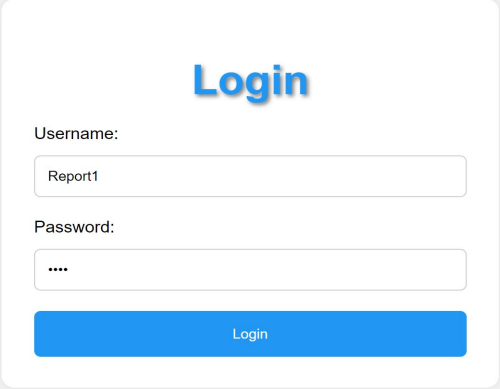
User Registered!

Please login.

Login

Login view

If a user already has an account, they can just go straight to login and type in their account credentials.

Non-registered users cannot login until they have registered.

Home Page

Once a user is logged in, they will be directed to the home page, here users can view all of the submitted recipes from other users, have the option to add a recipe to the list of recipes, search for recipes that might be of interest to them, view all the recipes they have added to website, and update their username.

Add Recipe

Search Recipes: [   ] Search

User Recipes

My Recipes

Update Username

New Username: [   ] Update Username

user1

Chicken Alfredo

Creamy pasta with grilled chicken.

user2

Vegetable Stir-Fry

Fresh vegetables stir-fried with tofu.

user3

Homemade Pizza

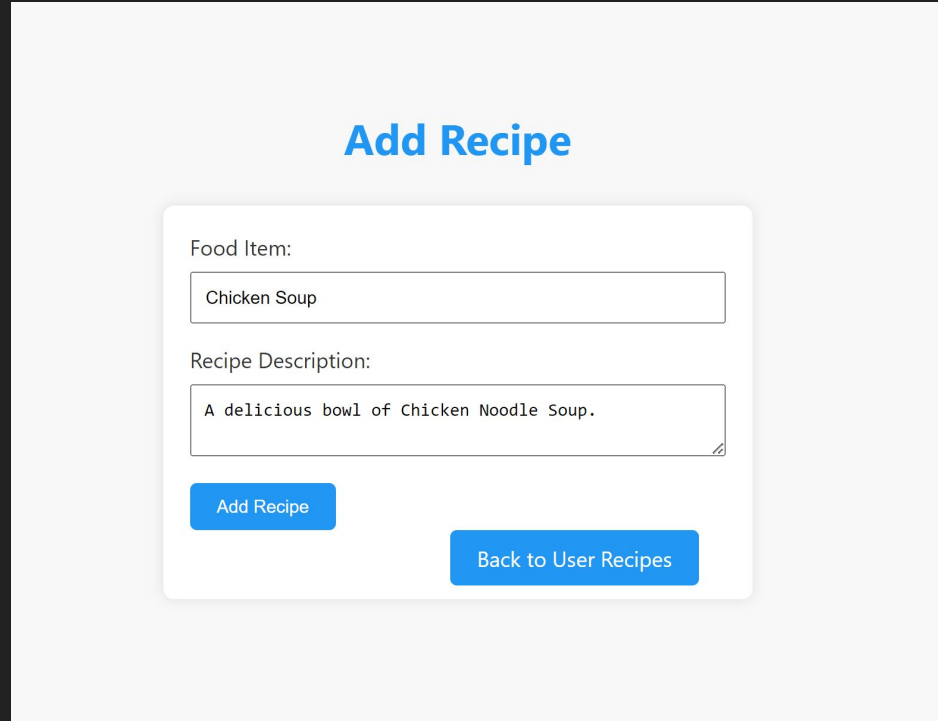Delicious pizza with your favorite toppings.

user4

Grilled Salmon

Adding a recipe

If a user hits add recipe, they will be directed to this view, which will ask them what new recipe they would like to add, and a brief description of that recipe.

Selecting 'Add Recipe' adds the recipe to the database, and displays on the main page.

Back button to bring users to main page.

Add Recipe

Food Item:

Chicken Soup

Recipe Description:

A delicious bowl of Chicken Noodle Soup.

Add Recipe

Back to User Recipes

Updated Recipe List

Here is what the main page looks like when you've added a recipe, in this example we added Chicken Soup. Each time a new recipe is added, the main page automatically updates and displays it.
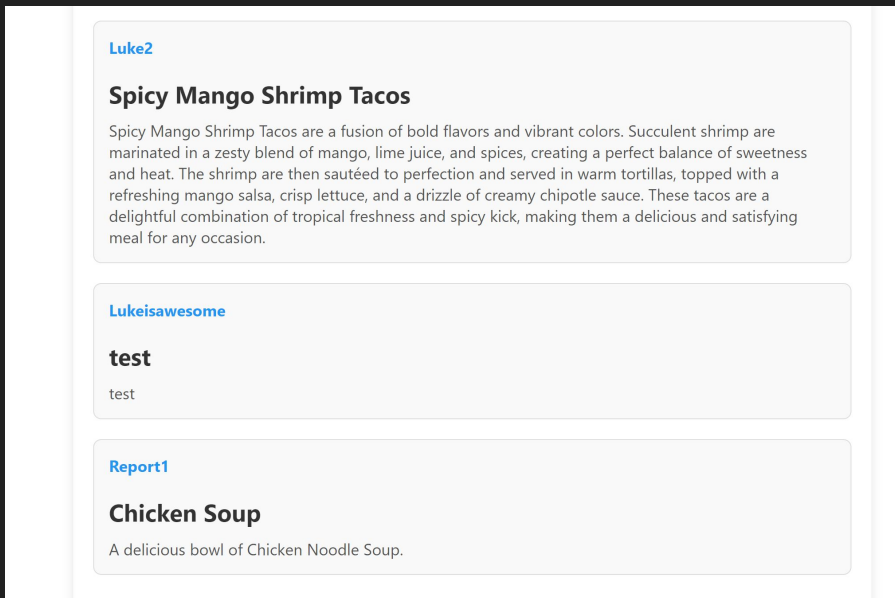
My Recipes Page/Delete Recipe

When users click 'My Recipes' it brings them to a page where it displays all of their added recipes. This user only has one Recipe. Users have the option to **DELETE** their recipes if they would like to.
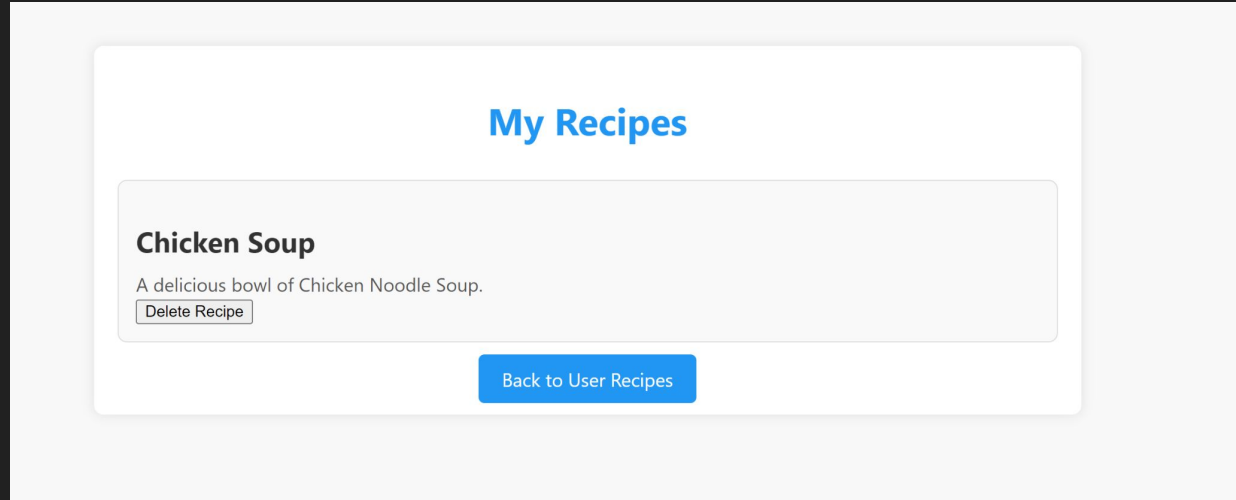
Searching

When a user types in a particular food in the search box, they will be shown a view of all the recipes that contain that food. If no recipes contain that ingredient then the page will be blank.

Search Recipes: Chicken

Search

Search Results for "Chicken"

user1

Chicken Alfredo

Creamy pasta with grilled chicken.

Foodlover1

Grilled Chicken Salad

Marinate chicken breasts in olive oil, garlic, and herbs. Grill until fully cooked. Toss the grilled chicken with mixed greens, cherry tomatoes, cucumber, and your favorite dressing.

GrandmaJoJo63

Chicken Quesadillas

Shred cooked chicken and mix with diced bell peppers, onions, and shredded cheese. Place the mixture between tortillas and cook in a skillet until the cheese is melted. Serve with salsa and sour cream.

Report1

Chicken Soup

A delicious bowl of Chicken Noodle Soup.

Back to User Recipes

Updating username

A user has the option to **UPDATE** their username they made when they registered for the account. When they type in their new username, every recipe they create after this will display the new username.

Updating username takes users back to login page to login using their new username

Signing out

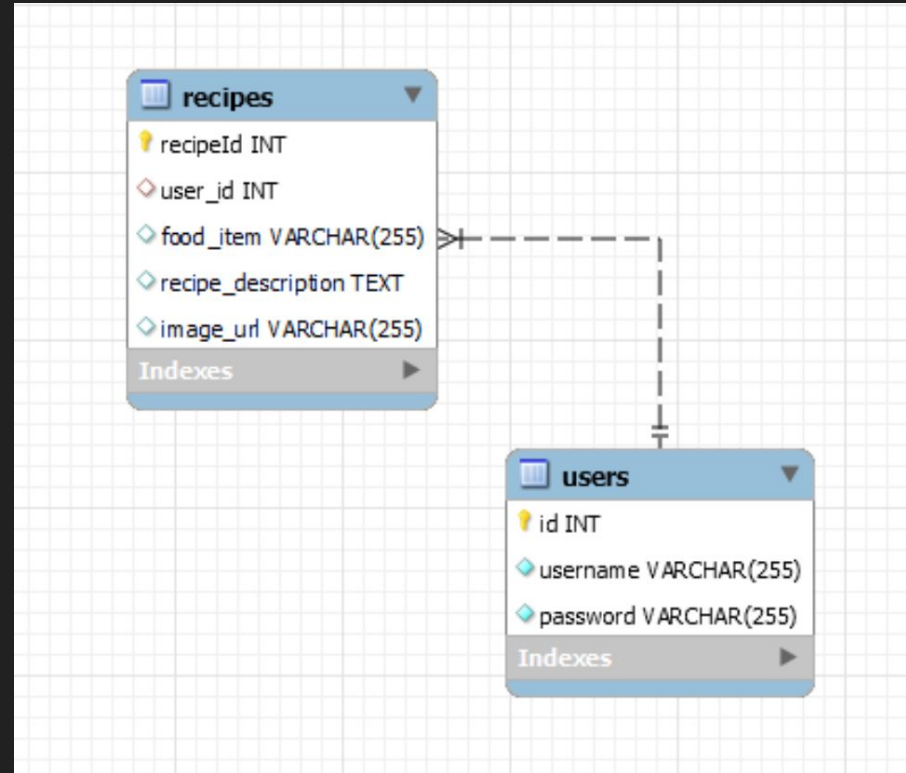Once a user signs out, they will officially end their session and they will be redirected back to the Registration/Login page.

EER Diagram

Our program did not require a very complex schema, two tables are created in the schema (Users, Recipes)

Ranking

Member 1 - Luke McGinley - My teammate and I agree that I handled **52%** of the overall project. My specific tasks included:

1. I created the HTML files for the Register & Login page
2. I created the My Recipes HTML file
3. I created the User Recipes HTML file
4. I implemented the Back buttons
5. I constructed the Schema and Tables of the Database, EER Diagram
6. I initialized the server and connected the database for the project.
7. I researched express session to track user activity.
8. Ladi and I both worked together for all POST functions and Queries

Ranking Cont.

Member 1 - Ladi Bamgbose - My teammate and I agree that I handled **48%** of the overall project. My specific tasks included:

1. I created the Add recipe html file
2. I created the register confirmation html file
3. I added all of the CSS in the project with adjustments from Luke
4. I implemented the Sign out feature
5. I implemented all the app.get functions for each html file
6. Luke and I worked together on the SQL queries and post methods.
7. I researched and implemented server side error handling to help with debugging.