

Recipe Organizer

Abstract

The Recipe Organizer is a Java-based application designed to manage and organize food recipes efficiently. This project utilizes the Abstract Window Toolkit (AWT) for its graphical user interface (GUI) and MySQL for database management. The system offers functionalities for users to add, view, edit, and delete their recipes while also enabling users to view recipes added by others.

Key Features

User Management:

User Registration and Login: Users can register with unique credentials and log in to access the application's features.

Recipe Management:

Add Recipe: Users can add new recipes by providing details such as the title, ingredients, and instructions.

View Recipes:

View All Recipes: Users can view all recipes available in the database.

View User Recipes: Users can view and manage only the recipes they have added.

Edit Recipe: Users can edit the details of their recipes. This functionality ensures that only the user who added the recipe can modify it.

Delete Recipe: Users can delete their recipes from the system. The delete functionality ensures that only the user who added the recipe can remove it.

Database Operations:

MySQL Integration: The application uses MySQL to store and manage data. Operations such as adding, updating, retrieving, and deleting recipes are performed using SQL queries.

The Recipe Organizer aims to streamline the process of managing and sharing culinary creations, making it an ideal tool for both cooking enthusiasts and professional chefs. The application's structured approach to user and recipe management ensures a robust and scalable solution for organizing recipes.