



RECIPE RECOMMENDER

Discover, Save, Share, Cook with Confidence!

Craving a delicious meal but unsure where to begin?

GROUP 73



Priyanshu | Vaishvi | Aakash
pmalavi | vshah24 | avbhandha

INTRODUCTION

This project is an innovative web application designed to simplify your cooking experience. Whether you're searching for your favorite dishes or looking to explore new culinary creations, Recipe Recommender System offers a seamless, secure, and personalized platform to meet all your cooking needs. Enjoy personalized user profiles with secure authentication, allowing you to effortlessly manage and bookmark your favorite recipes. Our advanced search functionality lets you find dishes by name or specific features, while the intuitive recipe creation tool empowers you to add your own unique culinary masterpieces with detailed ingredients and descriptions. Navigate seamlessly through our optimized user interface, and rest easy knowing your data is protected by robust security measures. Whether you're a seasoned chef or a home cook, this app makes discovering, saving, and sharing delicious meals easier and more enjoyable than ever.

FEATURES

Personalized Experience

Effortlessly manage your account with secure authentication, unique usernames, and passwords. Customize your profile and bookmarks for a seamless cooking journey tailored to your preferences.

Bookmark Favorite Recipes

Save recipes instantly while browsing and organize them neatly under your personalized profile. Enjoy the convenience of quickly accessing your favorite recipes anytime, whether you're at home or on the go.

Advanced Recipe Search and Ingredient-Based Recommendations

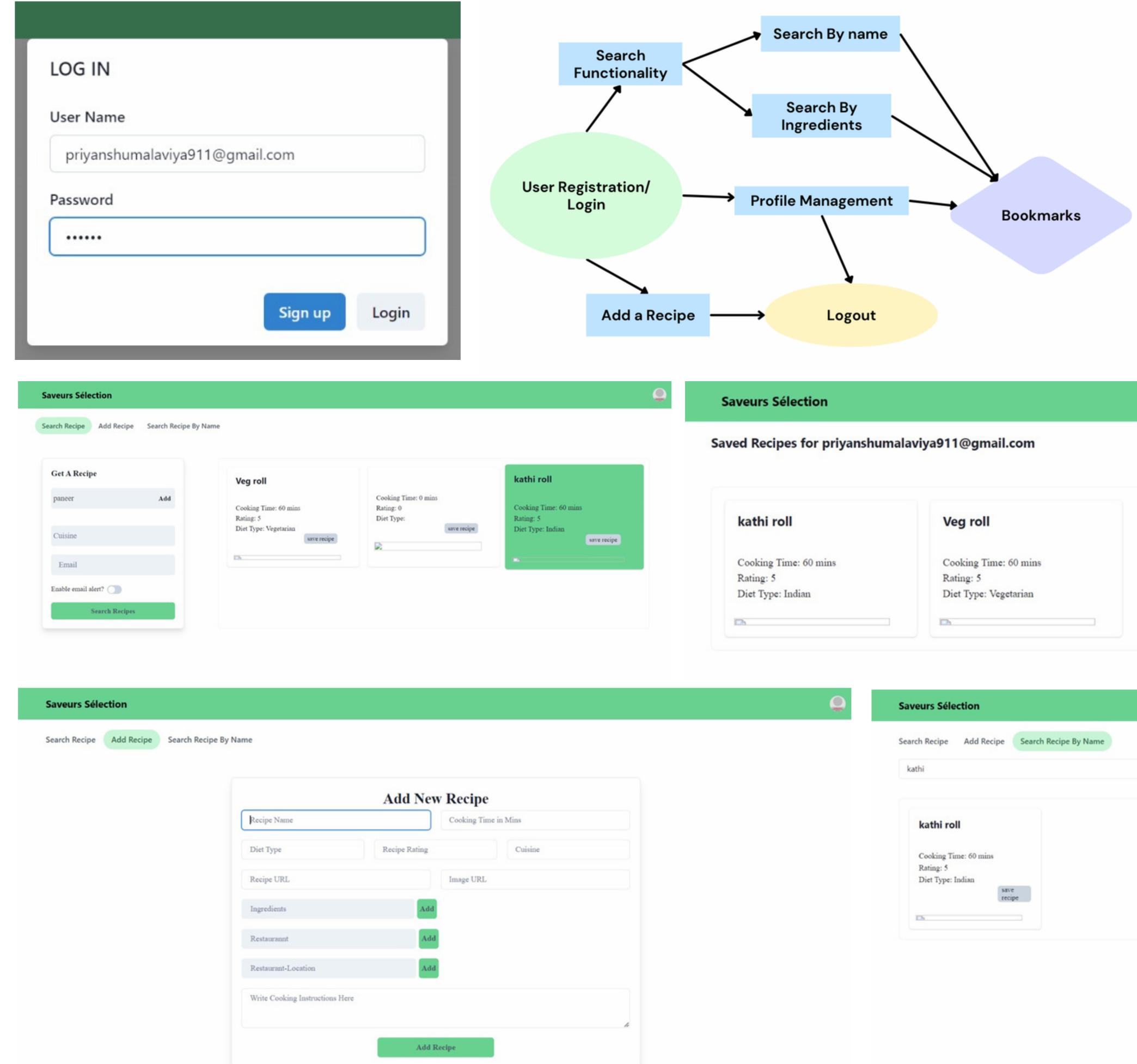
Search for recipes by dish name, such as "enchiladas," and discover meals based on the ingredients you already have on hand. Filter results based on features and preferences, or contribute to the community by adding your own recipes, fostering a diverse and accessible recipe collection.

User-friendly Interface

Navigate with ease through the app's refactored and intuitive interface, designed to make your cooking experience enjoyable. Streamlined functionality ensures that recipe discovery and management are hassle-free.

Robust Security

Secure logins and database encryption protect your credentials and personal information. The system ensures that your data remains safe and secure, providing peace of mind as you explore new culinary possibilities.



FUTURE ENHANCEMENTS

Voice-to-Text Integration

Enable hands-free recipe searches using voice commands, allowing users to navigate the app effortlessly while multitasking in the kitchen. This feature streamlines the cooking experience by making recipe discovery more convenient and efficient.

Nutritional & Ingredient Filtering

Introduce comprehensive filtering options based on nutritional information such as carbs, protein, and specific ingredients. This feature helps users make healthier cooking choices by providing recipes that meet their dietary preferences and nutritional goals.

UI Enhancements

Redesign the user interface to provide a more modern, intuitive experience with improved visual aesthetics and functionality.

Weekly Recipe Planner

Add a planner bot that schedules weekly recipes and integrates grocery list updates based on planned meals. This feature simplifies meal planning and shopping by automating the process and ensuring that users have the necessary ingredients.

Enhanced Chatbot Integration

Upgrade the chatbot to handle instant queries about recipes, ingredients, and cooking tips. Implement recipe image analysis to provide detailed nutritional and preparation information, enhancing user interaction and support.

Secure Routes & Enhanced Validation

Implement protected routes to restrict unauthorized access and enforce mandatory registration fields for complete user profiles.

TECH STACK



GITHUB REPO DEPLOYED APP

