Group 31

Robert Thomas - rtthoma3@ncsu.edu
Anuraag Jajoo - ajajoo3@ncsu.edu
Zayaan Husain Siddiqui - Zsiddiq@ncsu.edu

Recipe Recommender

Discover & Organize Your Favorite Recipes

WHY YOU SHOULD CHOOSE THIS PROJECT?

- **Help solve a problem faced by many people and enable them to manage their meals.**
- **Gain experience in JavaScript and creating/working with APIs**
- **Improve your frontend development skills in React**

WHAT CAN RECIPE RECOMMENDER DO?

Create, Search, and Share Recipes

- Share the recipes you know with the world by adding them in the app
- Search for recipes created by other users. You can search on ingredients or type of cuisine - find a meal to match your mood or pantry

Rate Meals with Other Users NEW

- Rate a meal on a scale of 1-5 stars. Easily view other recipes' ratings to know which ones the community thinks are worth cooking.

Save Meals You Like ENHANCED

- Save recipes you like to your personal bookmarks tab. Easily access these recipes again in the future without needing to search

Plan Out Your Meals for the Week NEW

- Pick a meal for each day of the week and view the schedule in your personal meal plan tab. Easily plan out everything you'll need to cook for the week, all in one place.

Chatbot Integration NEW

- Interact with a chatbot for instant support and recipe suggestions, enhancing user engagement and experience

UI Overhaul ENHANCED

- The user interface has been enhanced to provide the best user experience possible. Finding and managing recipes has never been easier and looks cleaner than ever.

HELP ENHANCE THE PROJECT - FUTURE SCOPE

Edit an Existing Recipe

- Fully implement the functionality for editing a pre-existing recipe. Whoever created the recipe should be able to make changes to any of the recipe's details

Share Recipe By Link

- Create a sharing method allowing a user to send a recipe to someone else via a link or QR Code. Upon opening this link, the recipient should be able to see all details about the recipe.

Grocery List

- Users should be able to add ingredients from recipes to a separate grocery list tab. The grocery list tab will allow users to easily track what they need to buy in order to cook the recipes they find in the app.

Security Enhancements

- Incorporate encryption and hashing into the login functionality. Passwords should be stored as salted and hashed, not as raw text. Implement JSON Web Tokens to securely login users and keep track of who is logged in. This will ensure the safety of any sensitive user data
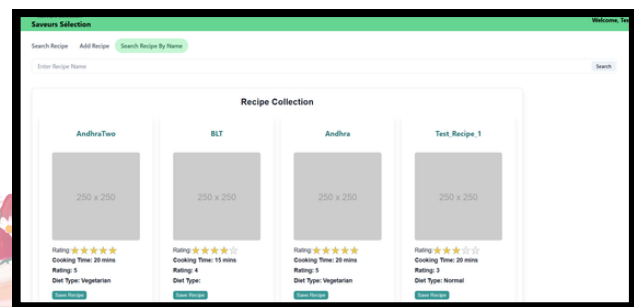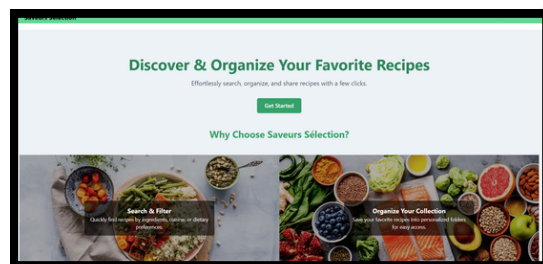
TESTING STATS

- **54 Backend Tests written for ~80% statement coverage**
- **Lists of Frontend System Tests for ensuring that all components render properly**
- **Add new features without breaking the old ones**

CHECK OUT THE REPO

VIDEO OVERVIEW

IMPLEMENTATION TIMELINE

Edit an Existing Recipe

Share Recipes By Link

Grocery List

Security Enhancements