

# **VALLAIMMAL COLLEGE FORWOMEN**

## **COOK BOOK RECIPE APPLICATION**

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# **TEAM MEMBER ROLE**

**SRIMATHI B : PROJECT,CSS FILE (APP.CSS)**

**SUMITHA T : CATEGORY PAGE, RECIPE PAGE**

**SUJATHA S : NAVBAR COMPONENT,FOOTER COMPONENT**

**SUGANYA K : REACT ROUTER,HOME PAGE**



# COOK BOOK RECIPE APPLICATION

# PROJECT DESCRIPTION

**Project Description: A React-based recipe discovery application that allows users to search, filter, and save recipes using a third-party API.**

**Features include ingredient-based search, meal categorization, nutritional information, and a user-friendly UI/UX.**

**Project Version: v1.0**

# MODULE DESCRIPTION

## **1. CSS File (./App.css)**

**Used to style the application.**

## **2. Navbar Component (./components/Navbar)**

**Likely a navigation bar for the app.**

## **3. Footer Component (./components/Footer)**

**Likely a footer displayed at the bottom of the app.**

#### **4. React Router (react-router-dom)**

**Route and Routes are used for client-side routing in React.**

#### **5. Home Page (./pages/Home)**

**The homepage component of the app.**

#### **6. Category Page (./pages/Category)**

**A page for displaying categories.**

#### **7. Recipe Page (./pages/Recipie) (Typo: should be Recipe)**

**A page for displaying recipes.**

**Uses a dynamic route (/recipie/:id) to load specific recipes.**

# **SOLUTION ARCHITECTURE**

- **The solution architecture for the Recipe Application ensures a scalable, efficient, and user-friendly platform for discovering, saving, and managing recipes with real-time ingredient suggestions and nutritional information.**
- **Utilize modern front-end frameworks (React.js) and APIs (TheMealsDB API) to provide a seamless and interactive recipe discovery experience.**

# Purpose

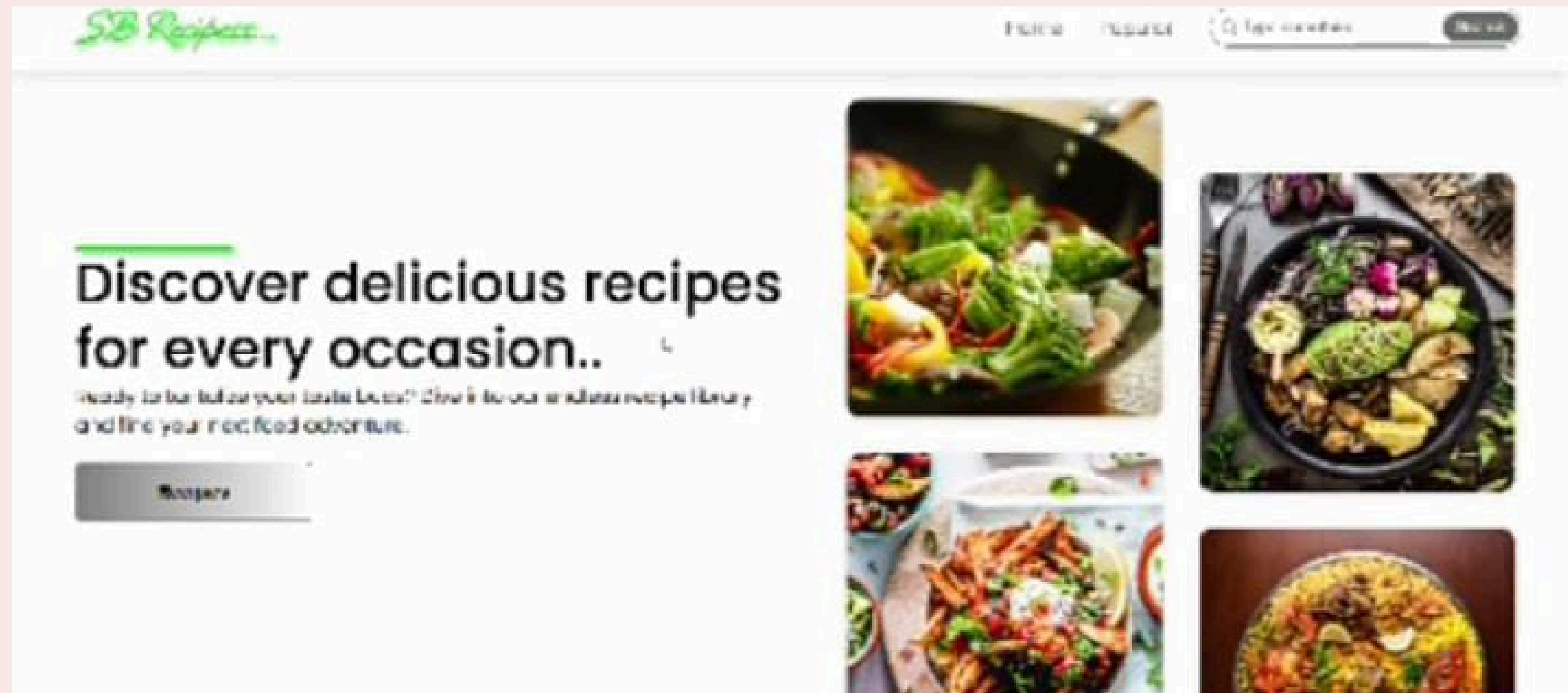
- **Address the lack of a structured and personalized recipe discovery platform for users who seek healthy, quick, or ingredient-based meal options.**
- **Provide an intuitive and engaging experience for users to search, save, and manage recipes based on dietary preferences and available ingredients.**
- **Offer seamless navigation and real-time data retrieval from a trusted recipe API to enhance user experience.**
- **Improve accessibility and engagement through an interactive UI, responsive design, and well-structured data flow.**



# Empathy Map Canvas

- **An empathy map is a simple, easy-to-digest visual that captures knowledge about a user's behaviours and attitudes.**
- **It is a useful tool to helps teams better understand their users.**
- **Creating an effective solution requires understanding the true problem and the person who is experiencing it. The exercise of creating the map helps participants consider things from the user's perspective along with his or her goals and challenges.**

# OUTPUT SCREENSHOT



# CONCLUSION

**The cookbook project has been an exciting journey of exploring diverse recipes and culinary traditions. It serves as a valuable guide for both beginners and experienced cooks, making the art of cooking more accessible and enjoyable. Beyond just providing recipes, this project highlights the joy of food, the importance of tradition, and the creativity involved in preparing meals. Through step-by-step instructions and useful tips, it encourages individuals to experiment in the kitchen and discover new flavors. We hope this cookbook inspires a love for home-cooked meals and brings people together through the shared experience of cooking. Happy Cooking! 🍴👨‍🍳**



THANK YOU