COOKBOOK – YOUR VIRTUAL KITCHEN ASSISTANT.

1. TEAM

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2. INTRODUCTION

COOK BOOK is a modern web-based application , that transforms your cooking experience into a seamless journey. Acting as your virtual kitchen assistant. It helps you explore recipies, plan meals, and learn cooking skills with clarity and ease. Instead of browsing endless recipies blogs, you get personalized, step-by-step cooking guidance – all in one place.

● 3.PROJECT OVERVIEW

The Cookbook Virtual Assistant website is React.js-based frontend application designed to help users easily search, browse, and view wide variety of recipes. This is like a digital cooking assistant to users.

The special feature of this project is, It serves both beginner and experienced cooks by offering a clear interface to them which helps them and their cooking.

4. FEATURES

Curated Recipie Flow– Discover trending, traditional, and healthy recipes.
Smart Cooking Assistant – Step-by-step guidance with timers and tips.
Ingredient Insights – Nutritional info + substitutes at your fingertips.
Meal Planning – Video turtorials,quizzes, and kitchen hacks.
Interactive Learning – Video turtorials, quizzes, and kitchen hacks.

5. SYSTEM REQUIREMENTS

Operating System

- o
- o
- o Windows 10 or later Linux
  (Ubuntu 20.04+) macOS 11 or
  later

Software / Frameworks

- o
- o
- o Node.js v16+

  npm (Node Package Manager) React

Dependencies

- o   Listed inside package.json

Install with: npm install

6. INSTALLATION GUIDE

Clone the repository

https://github.com/SyedTurab15/COOKBOOK.git – Naan

MudhalvanCookBook

install dependencies: npm install

cd Project_name

3   Install dependencies

npm install

7. USAGE INSTRUCTIONS

Run the project: npm start(Opens at: http://localhost:3000/)
Auto reloads when you make changes
Shows lint errors in the console
Other commands:
npm test Run test suite.
npm run build Build production-ready files.
npm run eject Customize full conifiguration.

8. PROJECT STRUCTURE

Project_name/

    src/   Source code (components, pages, logic)

    public/   Static assets

    tests/   Test cases

    package.json   Dependencies + scripts

    README.md   Documentation

9. TESTING

Run the following to test your project:

npm test

Interactive mode npm test interactive mode See cooking simulations in real time.
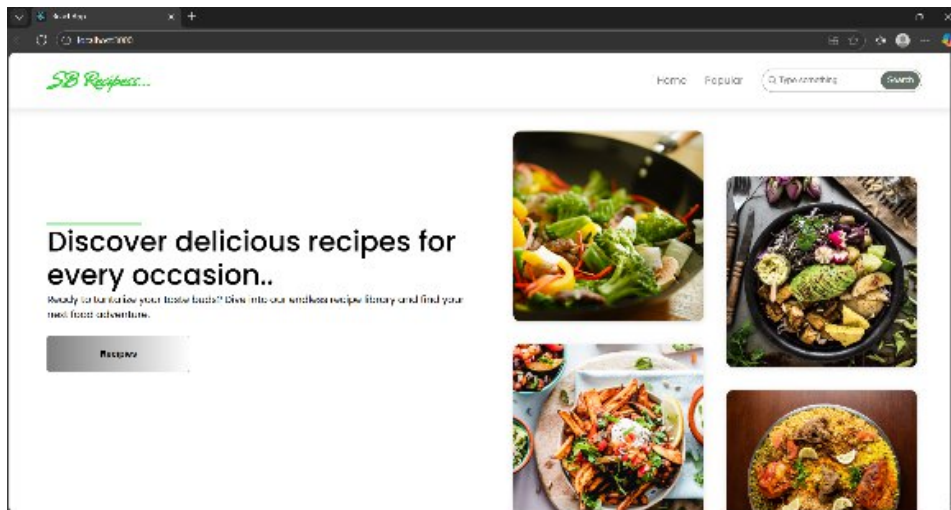
10. CONTRIBUTING

Steps for contributors:

1. Fork the repo

2. Create a branch   git checkout -b feature-name
3. Commit changes   git commit -m "message"
4. Push branch   git push origin feature-name
5. Open a Pull Request

11. LICENSE

√This project is licensed under the MIT License.

12. SCREENSHOTS

13.KNOWN ISSUES

Some recipes may not load instantly due to API limits.

14. FUTURE ENHANCEMENTS

AI-Powered Recipe Suggestions
Voice-Assisted Cooking
Smart Ingredient Recognition
Diet and Nutrition Tracker