

Cook Book Your Virtual Kitchen Assistant

Project Documentation

1. Introduction

Project Title

“CONNECT FOOD”

Project ID:

NM2025TMID39325

- • Team Leader: INDUMATHIE .E
Email ID : indumathie11@gmail.com
- • Team Members:
- Name : ASHWATHI . V
Email ID : ashwathi0602@gmail.com
- Name : JEEVANYA . G
Email ID : jeevanya162007@gmail.com
- Name : PRIYADHARSHINI . B
Email ID : Priyadharshini987273@gmail.com
- Name : JAYASHREE . R
Email ID : jayashreer459@gmail.com

2. Project Overview

- Purpose:
- The Cook Book project is a digital platform for browsing, sharing, and creating recipes.
- Features:
 - – Browse & search recipes by cuisine/ingredients
 - – Create personal collections
 - – Share recipes
 - – Step-by-step cooking mode
 - – Admin dashboard

3. Architecture

- • Frontend: React.js with CSS
- • Backend: Node.js and Express.js
- • Database: MongoDB

4. Setup Instructions

- Prerequisites:
 - – Node.js, MongoDB, Git, React.js, Express.js, VS Code
- Installation Steps:
 - 1. Clone repository
 - 2. Install client dependencies
 - 3. Install server dependencies

5. Folder Structure

- CookBook/
 - |-- client/ # React frontend
 - | |-- components/
 - | |-- pages/
 - |-- server/ # Node.js backend
 - | |-- routes/
 - | |-- models/
 - | |-- controllers/

6. Running the Application

- Frontend:
 - `cd client -> npm start`
- Backend:
 - `cd server -> npm start`
- Access:
 - Visit `http://localhost:3000`

7. API Documentation

- User:
 - – POST /api/user/register
 - – POST /api/user/login
- Recipes:
 - – POST /api/recipes/create
 - – GET /api/recipes/:id
- Collections:
 - – POST /api/collections/add
 - – GET /api/collections/:userId

8. Authentication

- • JWT-based authentication for secure login
- • Middleware protection for private routes

9. User Interface

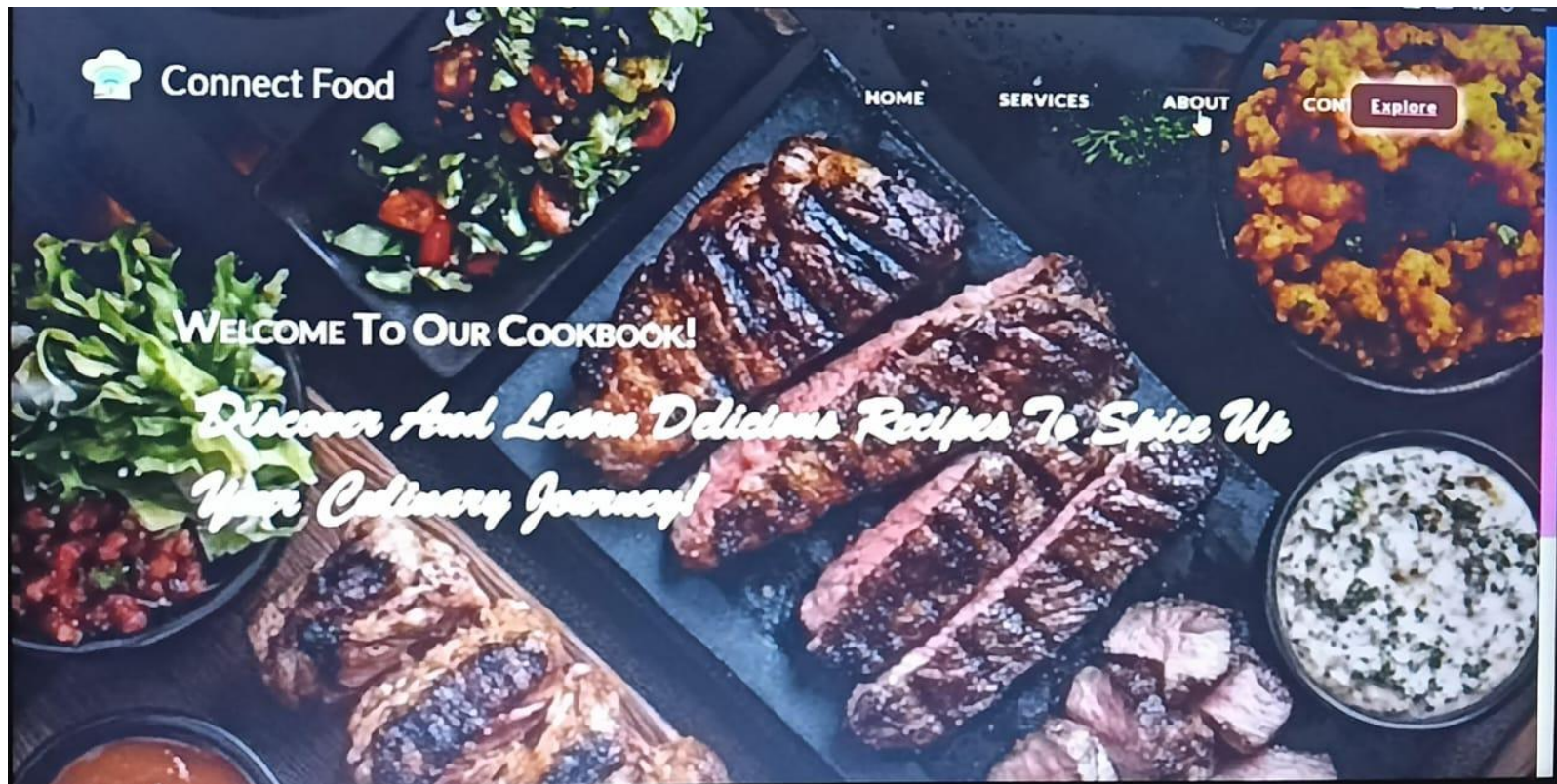
- • Landing Page (featured recipes)
- • Recipe Page (step-by-step mode)
- • User Dashboard (personal collections)
- • Admin Panel (recipe moderation)

10. Testing

- • Manual testing during milestones
- • Tools: Brave, Chrome Dev Tools

11. Screenshots or Demo

- Include screenshots of landing page, recipe view, user dashboard, admin panel.





**Please Login this to search
your recipes**

pnja

...

Login

FRESH JUICES



DESSERTS



12. Known Issues

- • Search speed may slow down with large databases
- • Offline mode not supported yet

13. Future Enhancements

- • Add voice-guided cooking instructions
- • AI-powered recipe recommendations
- • Multi-language support
- • Mobile app version