

# Cookbook your virtual kitchen assistant – Frontend Documentation

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## 1. Project Title

Cookbook your virtual kitchen assistant – Frontend Module

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## 2. Project Overview

Purpose:

The Kitchen Assistant frontend provides an interactive interface for users to explore recipes, view categories, and learn about cooking tips.

Frontend Features:

- Landing page with hero section and featured categories
- Category pages to filter recipes
- Individual recipe details page
- About section and newsletter subscription
- Responsive navigation bar and footer
- Styled with modular CSS files

## 3. Architecture (Frontend)

- Framework: React.js (Create React App)
- Styling: CSS modules per component
- Assets: Local images for hero sections and categories

## 4. Setup Instructions

Prerequisites:

- Node.js (latest LTS)
- npm (comes with Node.js)
- Code editor (VS Code)

Installation Steps:

# Clone the repository

git clone <repository-url>

cd code

# Install dependencies

npm install

# Start development server

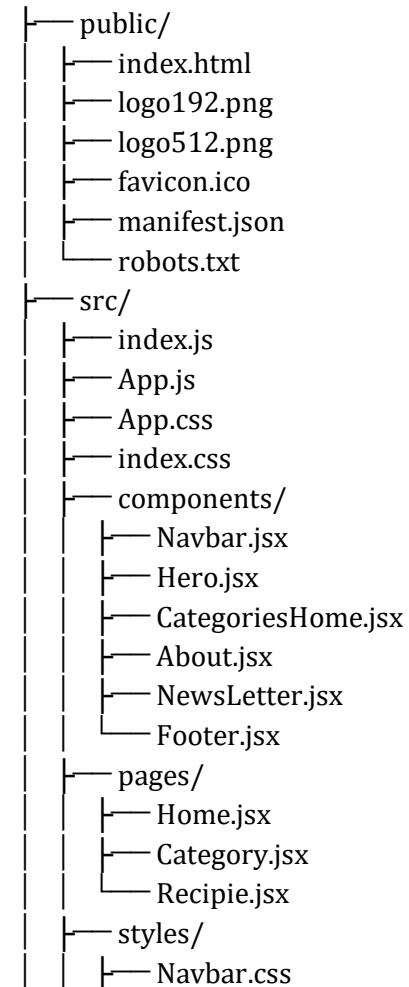
npm start

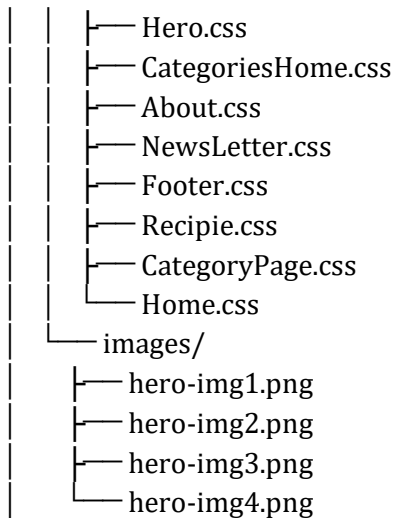
Access:

Open <http://localhost:3000> in browser

## 5. Folder Structure (Frontend Only)

code/





## 6. Running the Application

- Start frontend:  
npm start
- Default port: 3000
- Open browser → <http://localhost:3000>

## 7. UI Components

- Navbar.jsx – Top navigation bar
- Hero.jsx – Hero section of the landing page
- CategoriesHome.jsx – Display recipe categories on home page
- About.jsx – About section of the app
- NewsLetter.jsx – Newsletter subscription form
- Footer.jsx – Footer with links and contact info

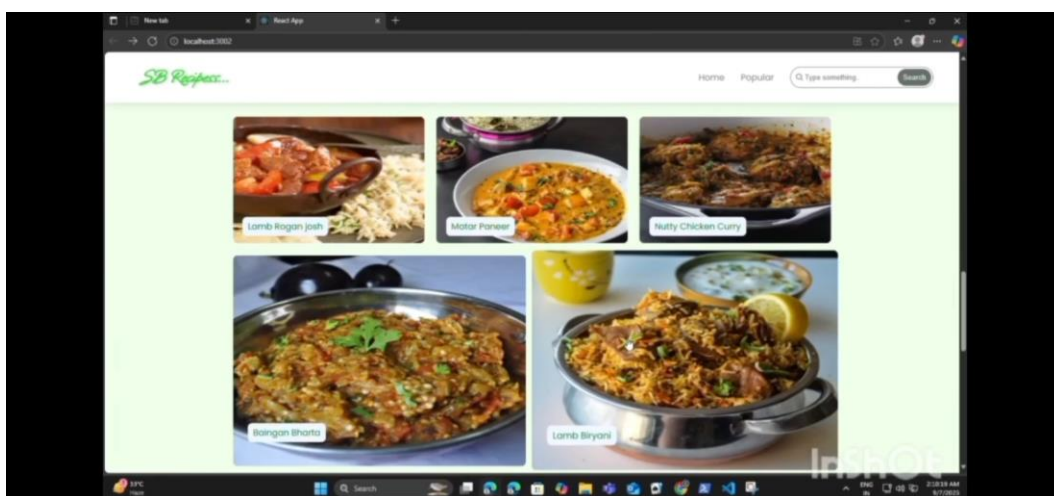
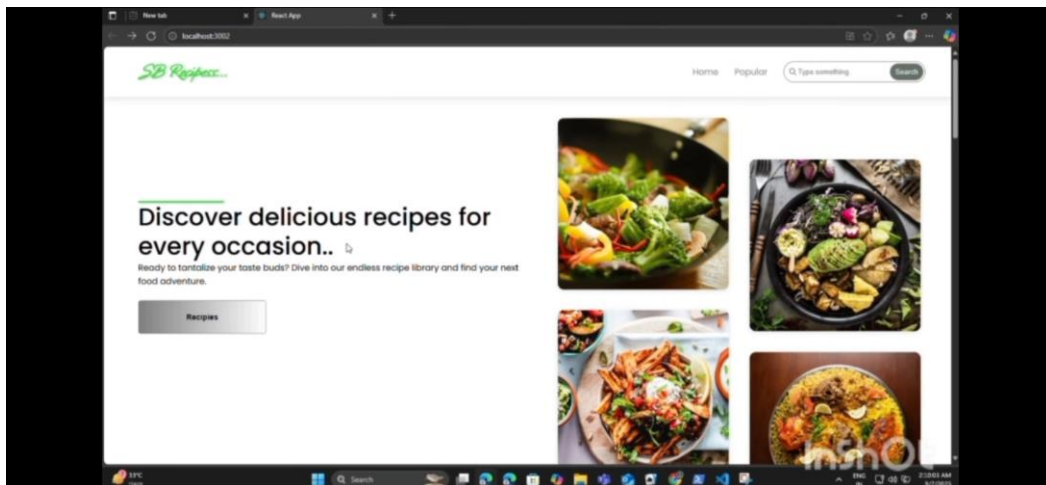
## 8. Pages

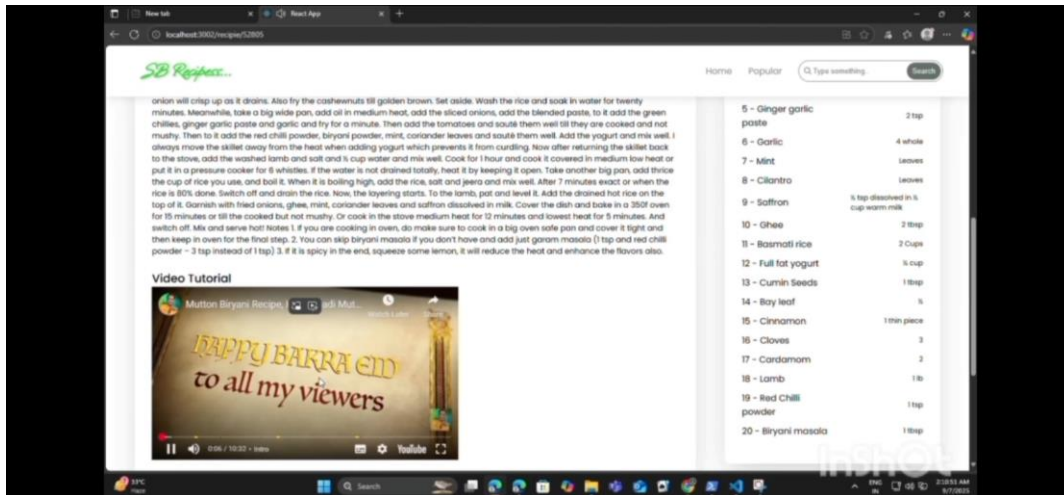
- Home.jsx – Main landing page combining hero and categories
- Category.jsx – Displays recipes filtered by category
- Recipie.jsx – Shows detailed recipe information

## 9. User Interface (Frontend Pages)

- Responsive hero section with images
- Categories displayed in grid view
- Recipe details page with instructions
- About section and newsletter form
- Footer with branding and info

## 10. Screenshots





## 11. Testing (Frontend)

- Manual testing with browser dev tools
- Verified responsive design
- Tested navigation between pages

## 12. Future Enhancements

- Integrate with a recipe API for dynamic content
- Add user login and favorites feature
- Improve UI animations and transitions
- Add search functionality for recipes