Project Documentation

# Introduction

* Project Title: Cookbook Project
* Team ID: NM2025TMID28770
* Team Leader: S.J. Sobana & s.sobana2006@gmail.com
* Team Members:–
* S. Dharani & dharanisivalingam020507@gmail.com
* S. Preethi & preethisenthilkumar24@gmail.com
* K. Sandhiya & jegadeeswarik26@gmail.com

# Project Overview

* Purpose: The Cookbook project provides an interactive platform for users to explore, browse, and manage recipes.
* Recipe browsing by category
* Recipe details page
* Search functionality
* Responsive user interface

# Architecture

* Frontend: React.js with custom CSS modules
* Backend: None (Frontend only project)
* Database: N/A

# Setup Instructions

* Prerequisites:
* Node.js
* Git
* React.js • Visual Studio Code
* Installation Steps:
* Clone the repository: git clone
* Navigate to project folder: cd code
* Install dependencies: npm install
* Run development server: npm start

# Folder Structure

Cookbook/ |-- public/ | |-- index.html |-- src/ | |-- App.js | |-- index.js | |-- components/ | | |--

Navbar.jsx, Hero.jsx, About.jsx, Footer.jsx, etc. | |-- pages/ | | |-- Home.jsx, Category.jsx, Recipie.jsx | |-- styles/ | | |-- About.css, Home.css, CategoryPage.css, etc.

# Running the Application

* Navigate to project folder: cd code
* Start the development server: npm start
* Access the app in browser: http://localhost:3000

# User Interface

* Landing Page with hero section
* Category browsing page
* Recipe details page
* Footer and navigation components

# Testing

* Manual testing using browser and developer tools.
* Unit testing supported via Jest (React default setup).

# Known Issues

* No backend API integration implemented.
* Limited recipe dataset.

# Future Enhancements

* Add user authentication and personalized recipe saving
* Integrate backend API and database for storing recipes
* Implement advanced search and filtering • Add support for user reviews and ratings

# 11.Screenshots or Demo





