

Project Documentation

CookBook

Introduction

- **Project Title:** CookBook
- **Team ID:** NM2025TMID42614
 - Team Leader:** Fowsiya A
- **Email:** fowsiya1026@gmail.com
- **Team Members:** Zuha.N, Anfal.S, Sharani .U
- **Email:**
 - szuha002@gmail.com
 - meanfal1234@gmail.com
 - Sharani1703@gmail.com

Project Overview

- **Purpose:** SB Works connects clients and freelancers through project postings, bidding, and real-time communication.
- **Features:**
 - Project posting and bidding
 - Secure chat system
 - Feedback and review system
 - Admin control panel

Architecture

- **Frontend:** React.js with Bootstrap and Material UI
- **Backend:** Node.js and Express.js managing server logic and API endpoints
- **Database:** MongoDB stores user data, project information, applications, and chat messages

Setup Instructions

- **Prerequisites:**
 - Node.js
 - MongoDB
 - Git
 - React.js
 - Express.js – Mongoose – Visual Studio Code
- **Installation Steps:**

Clone the repository git clone

Install client dependencies cd client npm install

Install server dependencies cd

../server npm install

Folder Structure

SB-Works/

|-- client/ # React frontend

|__components/ L__ pages/

|__ server/ # Node.js backend

|__routes/

|__ models/

|__ controllers/

Running the Application

- **Frontend:**

cd client npm

start • **Backend:**

cd server npm start

- **Access:** Visit <http://localhost:3000>

API Documentation

- **User:**
 - /api/user/register
 - /api/user/login
- **Projects:**
 - /api/projects/create
 - /api/projects/:id • **Applications:** /api/apply
- **Chats:**
 - /api/chat/send – /api/chat/:userId

Authentication

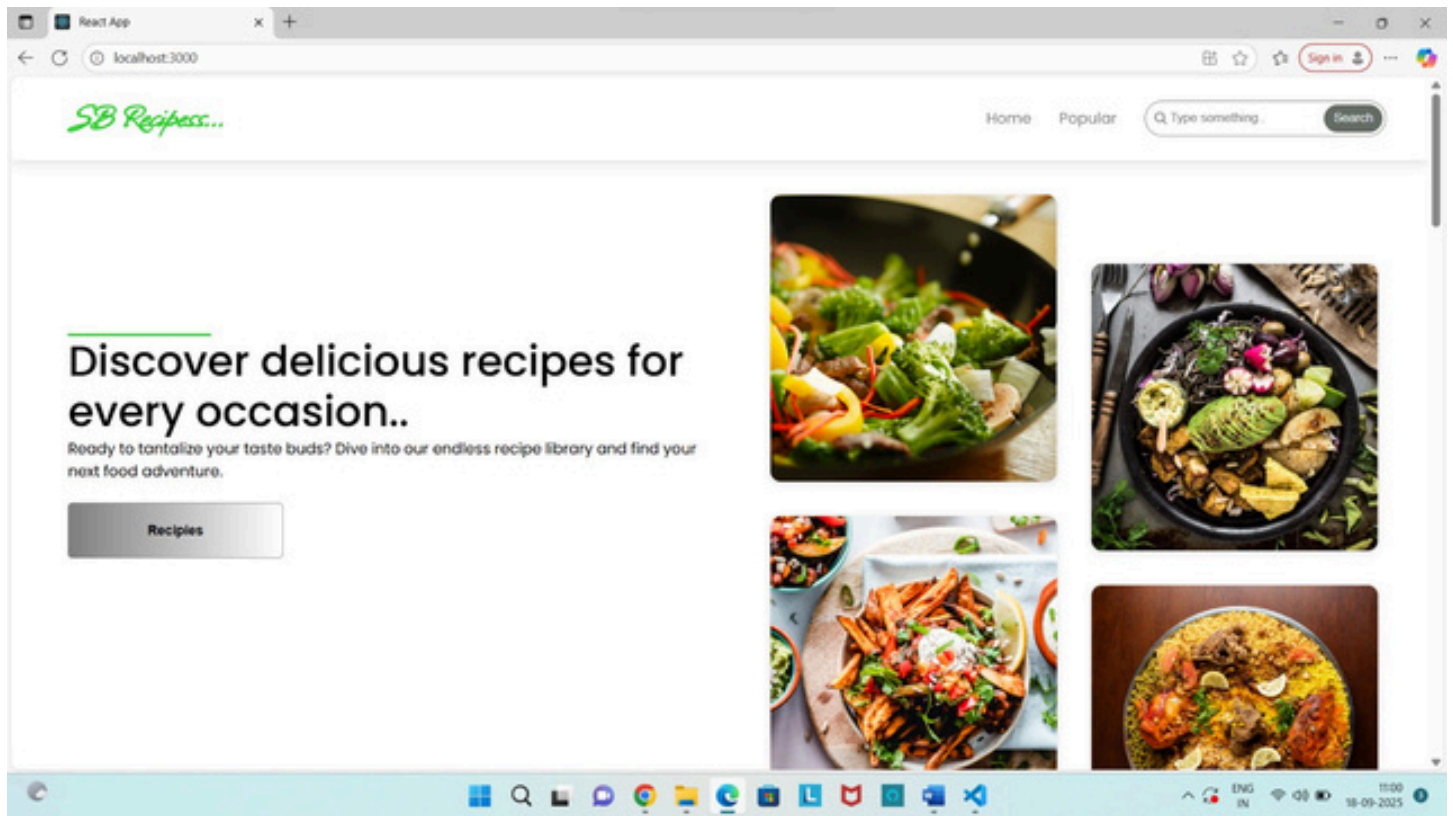
- JWT-based authentication for secure login
- Middleware protects private routes

User Interface

- Landing Page
- Freelancer Dashboard
- Admin Panel
- Project Details Page

Testing

- Manual testing during milestones
- Tools: Postman, Chrome Dev Tools
- **11.Screenshots or Demo**



• 12.Future Enhancements

- The future of fitness of focuses on creating highly personalized,immersive and integrated experiences that go beyond simple activity tracing.