

## Project Documentation

Cook book:your virtual kitchen assistant

### 1.Introduction

🔗 Project Title: cook book:your virtual kitchen assistant

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### 2. Project Overview

- Purpose: The primary purpose of a cookbook is to provide readers with recipes and instructions for preparing food, serving as a practical guide for cooking and baking.
- Features:cookbook or cookery book is a culinary reference work that contains a collection of recipes and instructions for food preparation
- Live Insight Streams
- Secure chat system
- Feedback and review system
- Admin control panel

### 3. Architecture

- Frontend: React.js with Bootstrap and Material UI

### 4. Setup Instructions

- Prerequisites:
- Node.js

- Git
- React.js
- Express.js – Visual Studio Code
- Installation Steps:

Clone the repository git clone

# Install client dependencies cd

client npm install

# Install server dependencies cd

../server npm install

## 5. Folder Structure

SB-Works/

|-- client/ # React frontend

|\_\_components/

L\_\_ pages/

|\_\_ server/ # Node.js

## 6. Running the Application

- Frontend:
- cd client
- npm start
- Access: Visit <http://localhost:3000>

## 7. 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

## 8. Authentication

- JWT-based authentication for secure login
- Middleware protects private routes
- Landing Page
- Freelancer Dashboard
- Admin Panel
- Project Details Page

## 10. Testing

- Manual testing during milestones
- Tools: Postman, Chrome Dev Tools

## 11. Screenshots

```
File Edit Selection View Go Run ... Search
index.html README.md x ... README.md x
C:\Users\HP>HP>Downloads>code-20250905T032358Z-1-001>code>@ README.md>@ # Getting Started
1 # Getting Started with Create React App
2
3 This project was bootstrapped with [Create React App](https://
4 github.com/facebook/create-react-app).
5
6 ## Available Scripts
7
8 In the project directory, you can run:
9
10 ### `npm start`
11
12 runs the app in the development mode.\
13 Open [http://localhost:3000](http://localhost:3000) to view it
14 in your browser.
15
16 The page will reload when you make changes.\
17 You may also see any lint errors in the console.
18
19 ### `npm test`
20
21 Launches the test runner in the interactive watch mode.\
22 See the section about [running tests](https://facebook.github.io/
23 create-react-app/docs/running-tests) for more information.
24
25 ### `npm run build`
26
27 Builds the app for production to the `build` folder.\
28 It correctly bundles React in production mode and optimizes the
29 build for the best performance.
30
31 The build is minified and the filenames include the hashes.\
32 Your app is ready to be deployed!
```

```
File Edit Selection View Go Run ... Search
index.html package.json x ... package.json x
C:\Users\HP>HP>Downloads>code-20250905T032358Z-1-001>code>@ package.json>..
1 {
2   "name": "news-app",
3   "version": "0.1.0",
4   "private": true,
5   "dependencies": {
6     "@testing-library/jest-dom": "^5.17.0",
7     "@testing-library/react": "^13.4.0",
8     "@testing-library/user-event": "^13.5.0",
9     "axios": "^1.6.2",
10    "bootstrap": "^5.3.2",
11    "react": "^18.2.0",
12    "react-bootstrap": "^2.0.1",
13    "react-dom": "^18.2.0",
14    "react-icons": "^4.12.0",
15    "react-router-dom": "^6.21.0",
16    "react-scripts": "5.0.1",
17    "web-vitals": "^2.1.4"
18  },
19  "scripts": {
20    "start": "react-scripts start",
21    "build": "react-scripts build",
22    "test": "react-scripts test",
23    "eject": "react-scripts eject"
24  },
25  "eslintConfig": {
26    "extends": [
27      "react-app",
28      "react-app/jest"
29    ]
30  },
31  "browserslist": {
32    "production": [
33      ">0.2%",
34      "not dead",
35      "not op_mini all"
36    ],
37    "development": [
38      "last 1 chrome version",
39      "last 1 firefox version",
40      "last 1 safari version"
41    ]
42  }
43 }
```

## 12. Known Issues

- API Rate Limits
- Server Problem
- Navigation Glitches

## 13. Future Enhancements

- Analytics Dashboard
- Search Functionality
- User Authentication

