Title page

*Project title: cook book

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Project Documentation: Cook Book

1. Introduction

 * Project Title: Cook Book

 * Team ID: NM2025TMID39388

 * Team Leader: Dheepak

 * Team Members: Dheepak, Meganathan,saronchristoper,tamizharsan

2. Project Overview

 * Purpose: SB Works connects clients and freelancers through project postings, bidding, and real-time communication. (Note: This is from the provided document, you may need to update this to match the purpose of your "Cook Book" project).

 * Features:

   * Project posting and bidding

   * Secure chat system

   * Feedback and review system

   * Admin control panel

     (Note: This is from the provided document, you may need to update this to match the features of your "Cook Book" project).

3. 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

4. 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 and npm install

   * Install server dependencies: cd ../server and npm install

5. Folder Structure

 * SB-Works/

   * client/ (React frontend)

* _components/
        * _pages/
    * server/ (Node.js backend)
        * _routes/
        * _models/
        * _controllers/
6. Running the Application
 * Frontend: cd client and npm start
 * Backend: cd server and 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
9. User Interface
 * Landing Page
 * Freelancer Dashboard
 * Admin Panel
 * Project Details Page
10. Testing
 * Manual testing during milestones
 * Tools: Postman, Chrome Dev Tools
11. Screenshots or Demo
12. Known Issues
13. Future Enhancements