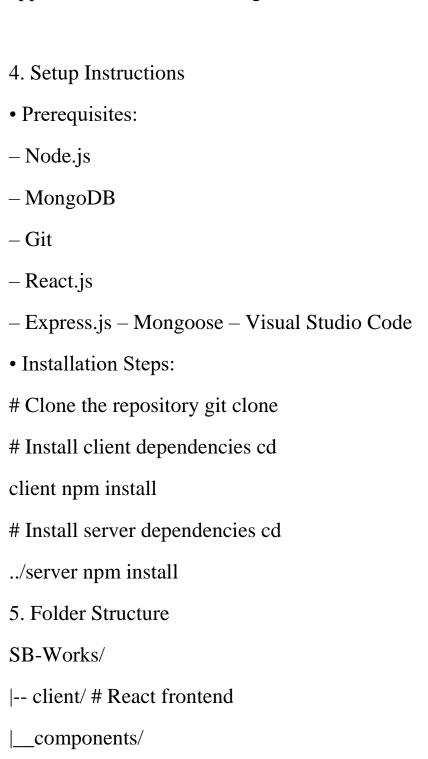
Project Documentation

Project title

- 1. Introduction
- Project Title: Cook Book: your virtual kitchen assistant
- Team ID:NM2025TMID42358
- Team Leader: P.Lakshmipriya & lakshmipriya182007@gmail.com
- •Team Members:
 - -N.Kaviya &kaviyaiyappan123@gmail.com
 - -P.Leenavathi&leenaleenavathi95@gmail.com
 - -S. Madhumitha& mathumithas iv a 90@gmail.com
- 2. 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
- 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



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server/ # Node.js backend
routes/
models/
controllers/
6. Running the Application
• Frontend:
cd client
npm start •
Backend:
cd server 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
<pre>-/api/chat/:userId</pre>

- 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