

## PROJECT DOCUMENTATION

### Project title

#### 1.INTRODUCTION:

-> Project title:Fitflex :Store management

-> Team I'd:NM2025TMID47644

-> Team member:

Name:N.sancia

Email:[sancia12289@gmail.com](mailto:sancia12289@gmail.com)

-> Team member:

Name:S.Nishandhini

Email:[nishandhini290906@gmail.com](mailto:nishandhini290906@gmail.com)

Name:P.santhiya

Email:[psanthiya412@gmail.com](mailto:psanthiya412@gmail.com)

Name:S.subhasri

Email:[subhasoundara05@gmail.com](mailto:subhasoundara05@gmail.com)

Name:S.Meharaj lufnah

Email:[lufnahmeharaj@gmail.com](mailto:lufnahmeharaj@gmail.com)

#### 2.PROJECT OVERVIEW:

-> purpose:SB works connect clients and freelancers through project postings, bidding and real-time communication

-> Features:

1.Project posting and bidding

2.Secure chat system

3.Feedback and review system

4.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, application, and chat message

### 4.SETUP INSTRUCTIONS

->prerequisites:

- Node.js
- mongoDB
- Git
- reacts.js
- EExpress.js – Mongoose – visual Studio code

.... Installation steps:

```
#clone the repository git clone
#install client dependencises cd
Client mom install
#install server dependencies cd
../server 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  
npm start .
```

. BACKEND:

```
Cd server npm  
Start
```

. Access:visit [https:// localhost:3000](https://localhost:3000)

## 7.API DOCUMENTATION:

USER:

```
/api/user/ register  
/api/user/login
```

PROJECT:

```
/api/projects/create  
-/api/projects/:id .Application:/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:

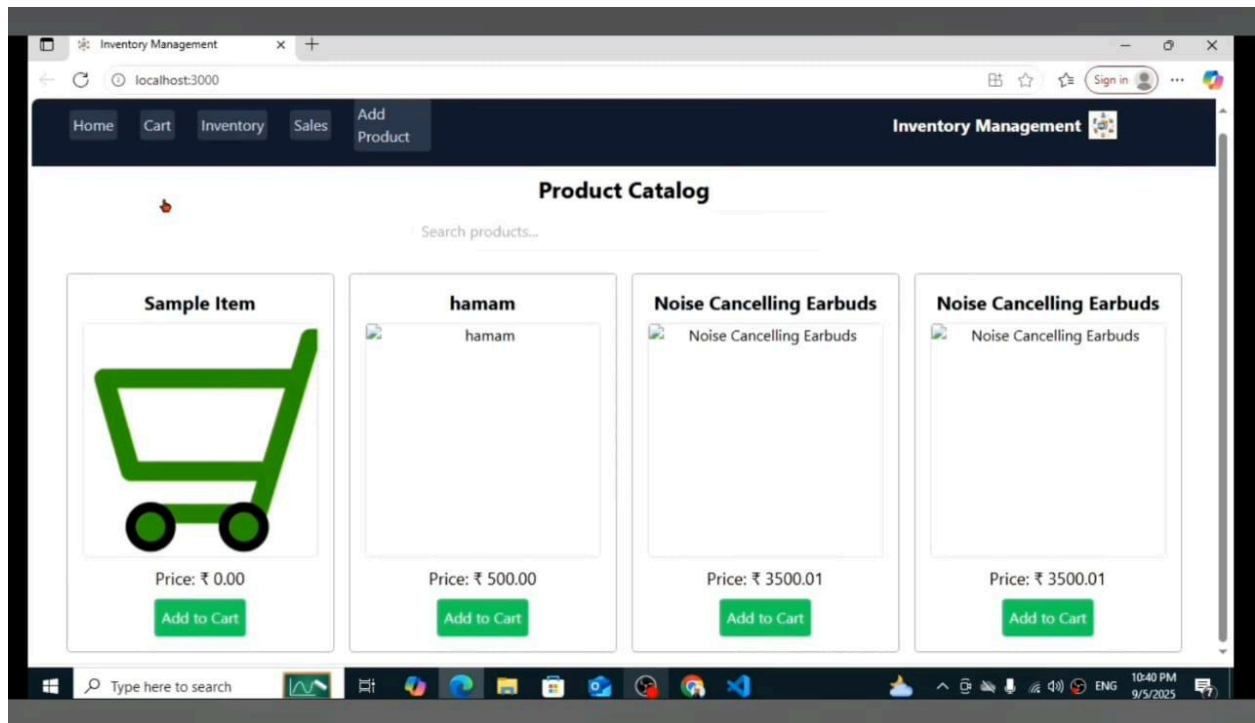
- > Manual testing during milestones

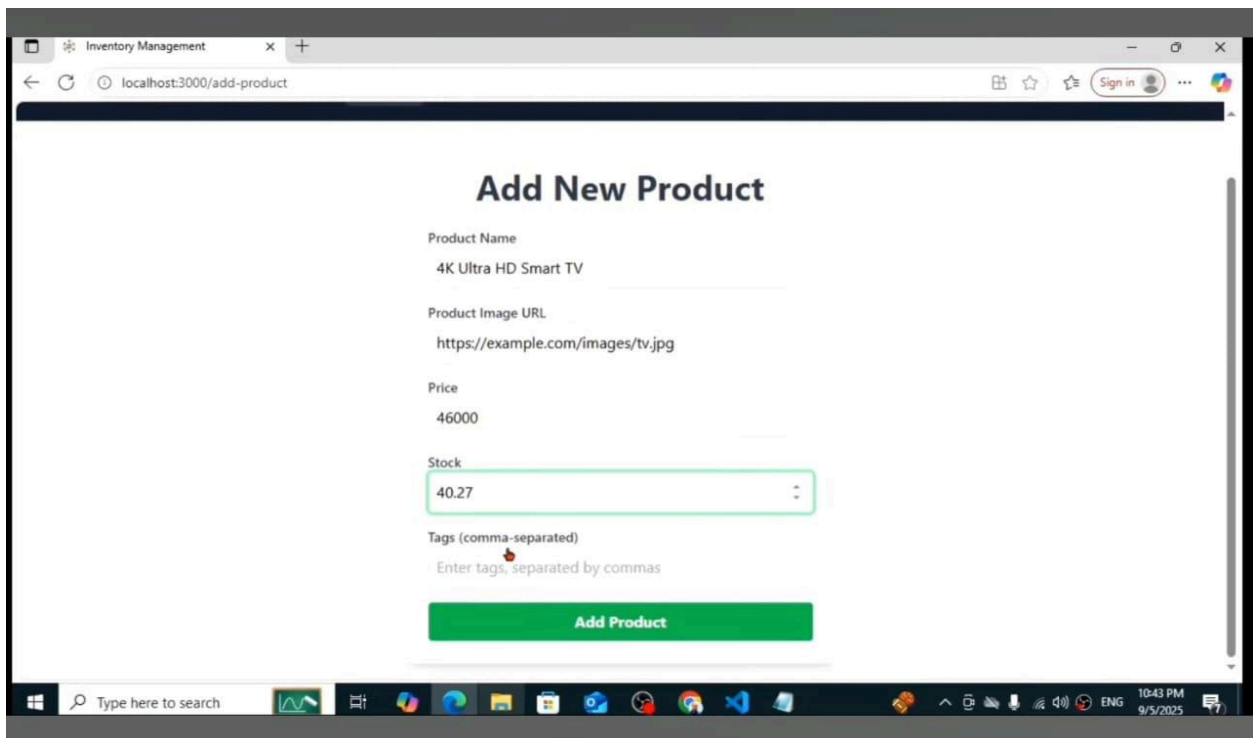
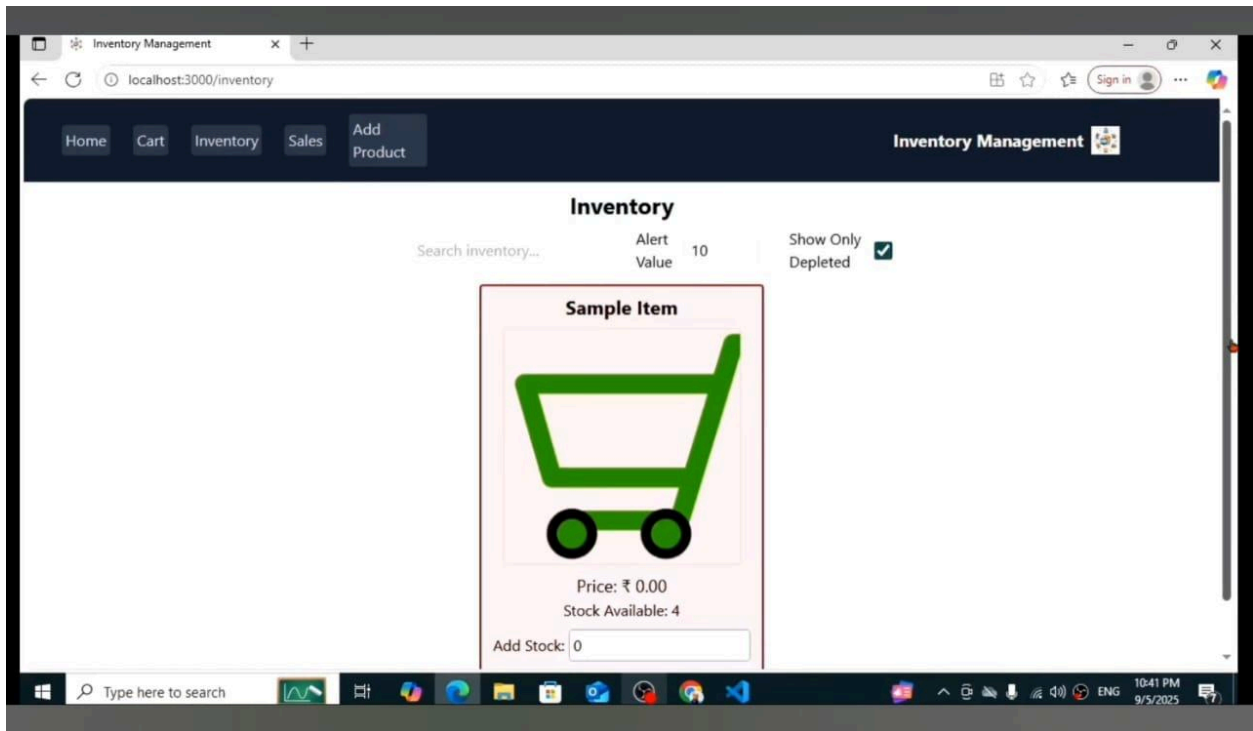
-> Tools:postman, chrome Dev Tools

## 11.SCREENSHOT AND DEMO:

-> Addactualscreenshotsorademo link:

-> -Demo link:<https://Store manager-demo. Netlify.app>





## 12.KNOWN ISSUES:

**Data sync failures:**

- . Delayed or incomplete sync between POS terminals and the central database
- . Slow performance

### 13.FUTURE ENHANCEMENTS:

- 1.user Experience & interface
- 2.Inventory & stock control
- 3.Analytics & reporting