Project Documentation

Project Title: Store Manager: Keep Track of Inventory

1.Introduction

- **Project Title:** Store Manager: Keep Track of Inventory
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- **Team Members:**
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2.Project Overview:

Store Manager works in a freelancing platform designed to connect clients and freelancers. The platform facilitates project positions, a bidding system for freelancers, and real-time communication to streamline collaborations.

Key Features:

- Project positing and bidding system
- Secure real-time functionality
- Admin control panel for platform management

- Feedback and review system for completed project

3.System Architecture:

- Frontend: React.js, styled with Bootstrap and material UI.
- Backend: Node.js with the express.js framework, managing server logic and API endpoints.
- Database: MongoDB / Mysql(stores product, orders,customers,categories)

4.Setup Instructions:

Prerequisties:

Before you begin, ensure you have the following installed:

- Node.js
- MongoDB
- Git
- Visual Studio Code (or another code editor)

Installation steps:

1. Clone the repository:

```
git clone [repository_url]
```

2. Install client dependencies:

```
cd store manager-works/client
npm install
```

3. Install server dependencies:

```
cd ../server
npm install
```

5.Folder Structure:

The project is organized into a client side and a server side directory.

```
Store Manager works/
|-- client/                    # React frontend
       |-- components/

         -- pages/

Server/                          # Node.js backend

|-- models/

|-- routes/

 -- Controllers/
```

6. Running the Applications:

To run the applications, you need to start both the frontend and backend servers.

- **Frontend(from the client directory):**

```
npm start
```

- **Backend(from the server directory):**

```
npm start
```

- **Access:**

Once both servers are running, you can access the applications at http:/localhost:3000.

7.API Documentation:

- **Product Management:**

i. POST/ api/ products(to add a new product)
ii. GET/api/product/:id(to get a list of all products)
iii. PUT/api/products/:id(to update product details like price or stock)
iv. DELETE/api/products/:id(to remove a product)

- **Inventory Management:**
  i. POST/api/inventory/receive(to add stock for a product)
- **Order Management**:
  i. GET/api/orders(to view all orders)
  ii. PUT/api/orders/:id(to update an order's status, eg.,"shipped")
- **Customer Management:**
  i. GET/api/customers(to see a list of customers)

8. Authentication:

The applications uses JWT(JSON Web Token)

For authentication. This ensures secure login and protects private routes using middleware.

9. User Interface:

- Dashboard: Sales, products, revenue, stock alerts
- Manage: Products, orders, customers, categories
- Reports: Sales & stock insights with charts

10. Testing:

- Manual testing: verified product listing, add/edit/delete, order updates, customer details, report generations.
- Tool used: Chrome Dev Tools, Postman(API testing), database quires(MongoDB/Mysql)

11. Known Issues:

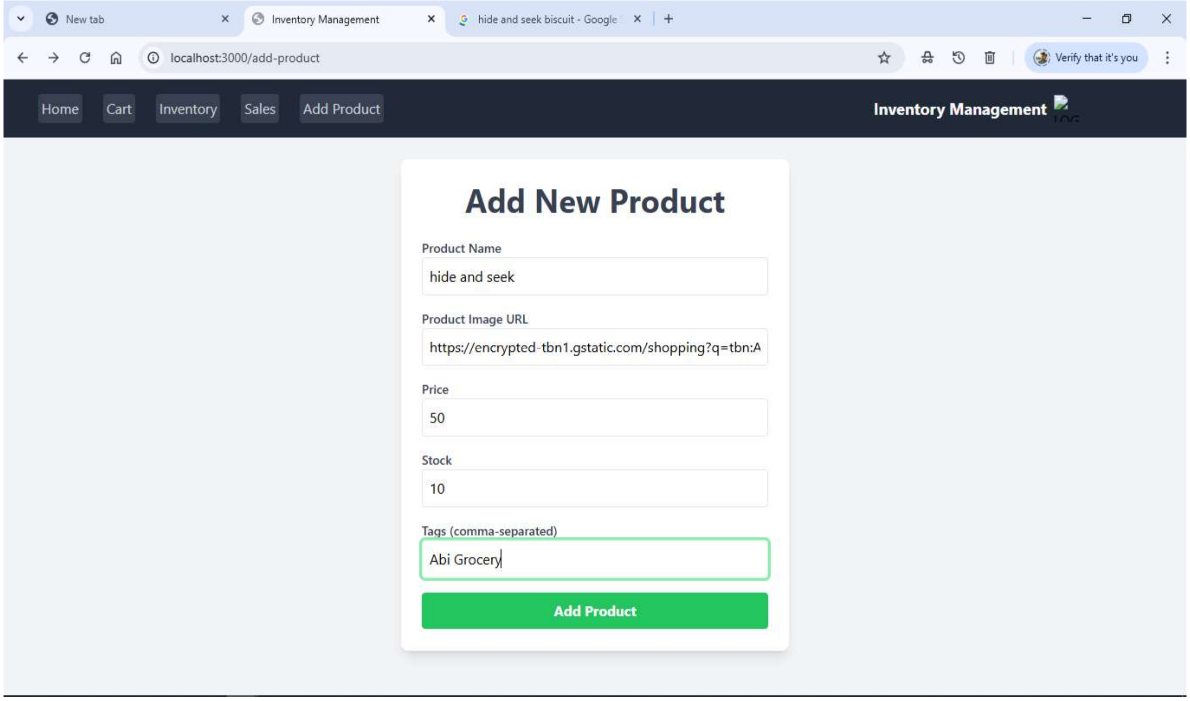
- No login system
- Network problem

12. Future Enhancements:

- Mobile support
- Advanced analytics for users and admins
- AI driven projects recommendations

13. Screenshots:

New Product:



Add New Product

Product Name: hide and seek

Product Image URL: https://encrypted-tbn1.gstatic.com/shopping?q=tbn:A

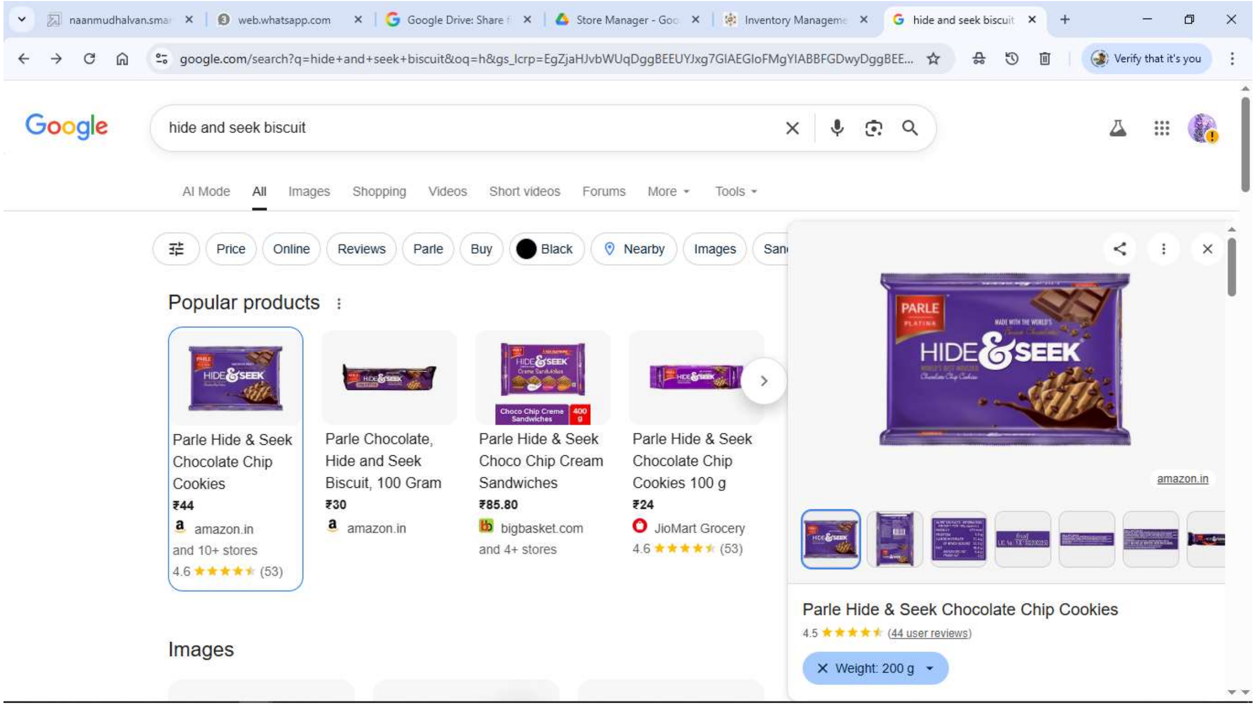
Price: 50

Stock: 10

Tags (comma-separated): Abi Grocery

Add Product

Copy image address:



Popular products

Parle Hide & Seek Chocolate Chip Cookies
₹44
amazon.in
and 10+ stores
4.6 ★★★★★ (53)

Parle Chocolate, Hide and Seek Biscuit, 100 Gram
₹30
amazon.in

Parle Hide & Seek Choco Chip Cream Sandwiches
₹85.80
bigbasket.com
and 4+ stores

Parle Hide & Seek Chocolate Chip Cookies 100 g
₹24
JioMart Grocery
4.6 ★★★★★ (53)

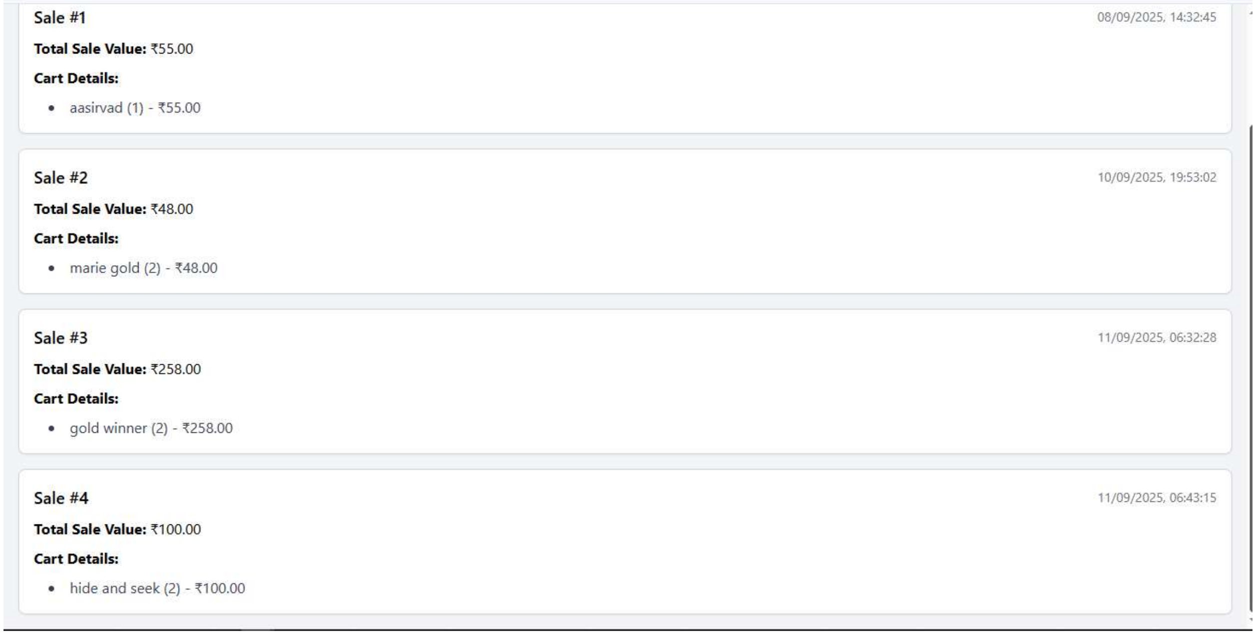
Images

amazon.in

Parle Hide & Seek Chocolate Chip Cookies
4.5 ★★★★★ (44 user reviews)

✕ Weight: 200 g

Sales List:



Sale #1 08/09/2025, 14:32:45

Total Sale Value: ₹55.00

Cart Details:

- aasirvad (1) - ₹55.00

Sale #2 10/09/2025, 19:53:02

Total Sale Value: ₹48.00

Cart Details:

- marie gold (2) - ₹48.00

Sale #3 11/09/2025, 06:32:28

Total Sale Value: ₹258.00

Cart Details:

- gold winner (2) - ₹258.00

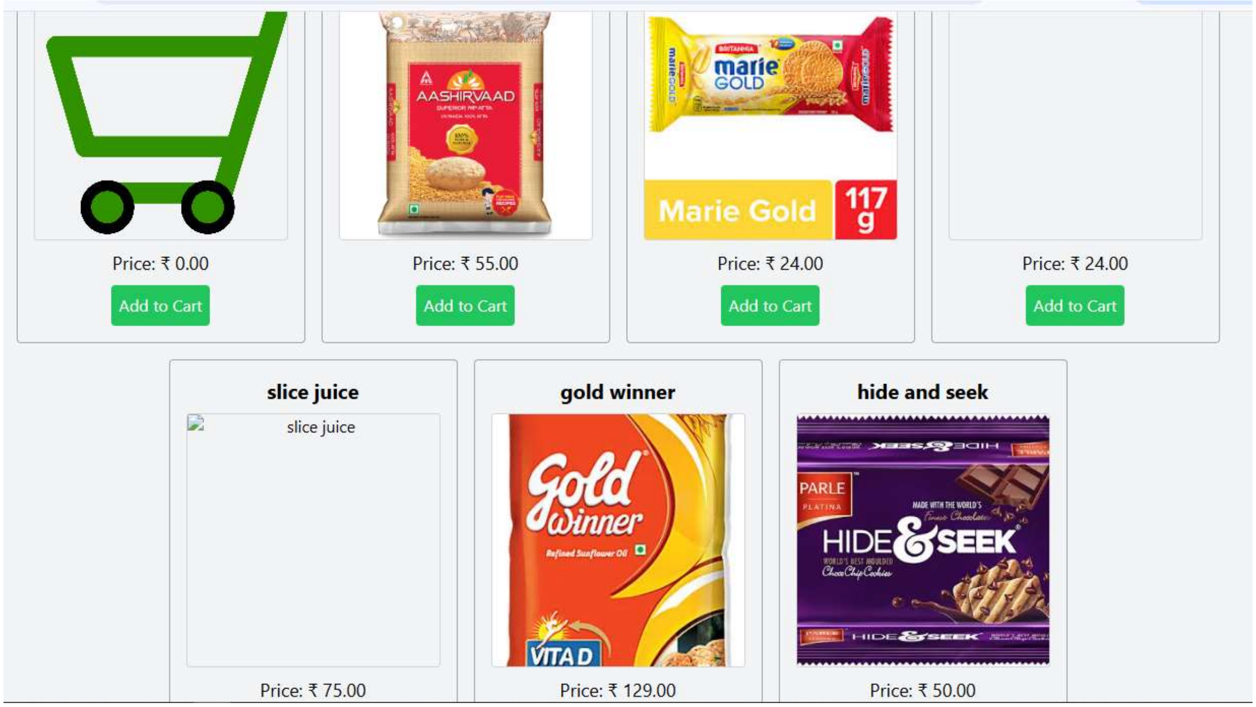
Sale #4 11/09/2025, 06:43:15

Total Sale Value: ₹100.00

Cart Details:

- hide and seek (2) - ₹100.00

Inventory:



Price: ₹ 0.00

Price: ₹ 55.00

Price: ₹ 24.00

Price: ₹ 24.00

slice juice

slice juice

Price: ₹ 75.00

gold winner

Price: ₹ 129.00

hide and seek

Price: ₹ 50.00