Project Documentation

1.Introduction

- Project Title: Store manager
- Team ID:
- Team Leader:

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- Team Members:

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2.Project Overview

- Purpose: Inventory Management helps maintain healthy stock levels in a store and acquire them in time.
- Features:

  -Stock Updates: Stock will automatically update on sale of products, and it can be updated on adding new stock.

  -Cart: Products can be added to cart for a particular sale and quantity can be added to each product.

  -Checkout   at Cart: Upon checkout, cart is cleared, inventory is updated,   and a sale record is made.

-Adding New Products to Inventory: New products can be added to the inventory by providing product name, image URL, price, stock, tags.

-Alert View for Depleting Stock: Depleting stocks are shown in red background, and alert count can be updated as per requirement.

-Search Functionality for Products: Products in inventory and product catalog can be searched.

-Sale Records: All sale records are stored with sale value, products and datetime.

3. Architecture

- Frontend: HTML, CSS, Javascript, React.js, Bootstrap
- Database: MongoDB

4.Setup Instructions

- **Prerequisites**:

    -Visual Studio code(VS code)

    -Node.js

    -npm

    -MongoDB

    -Github Account

- **Installation Steps**

#Clone the repository git clone

#Install client dependencies

#Install server dependencies

5.Running the Application

- Create a new folder in desktop
- Download the zip folder of the project from github link
- Extract the files from the zipped folder and insert it into new folder created in the desktop
- Open the folder using VS code
- Open the terminal and run the following comments

   -cd storemanager-main

   -npm install

   -npm start

5.Folder Structure

storemanager-main

```
|
├── node_modules
├── public
|    ├──cartImage.png
|    ├──favicon.ico
|    ├──index.html
|    ├──inventoryLogo.png
|    ├──logo192png
|    ├──logo512.png
```

```
|       ├──manifest.json
|       ├──robots.txt
├── src
|     ├── components
|     |     ├── Cart
|     |     |     ├──Cart.jsx
|     |     |     ├──CartItem.jsx
|     |     ├── Inventory
|     |     |     ├──Inventory.jsx
|     |     |     ├──Product.jsx
|     |     ├── Product
|     |     |     ├── Product.jsx
|     |     |     ├──ProductCatalog.jsx
|     |     |     ├──ProductList.jsx
|     |     ├──Sales
|     |     |     ├──SaleRecord.jsx
|     |     |     ├──Sales.jsx
|     |     ├── AddProduct.jsx
|     |     └── NavBar.jsx
|     ├── context
|     |     ├── CartContext.js
```

```
|   |   ├── InventoryContext.js
|   |   ├── SalesContext.js
|   ├── hooks
|   |   └── useLocalStorage.js
|   ├── pages
|   |   └── NotFound.jsx
|   ├── App.css
|   ├── App.js
|   ├── App.test.js
|   ├── index.css
|   ├── index.js
|   ├── Layout.jsx
|   ├── logo.svg
|   ├── reportWebVitals.js
|   └── setupTests.js
├── .gitignore
├── package-lock.json
├── package.json
├── tailwind.config.js
└── README.md
```
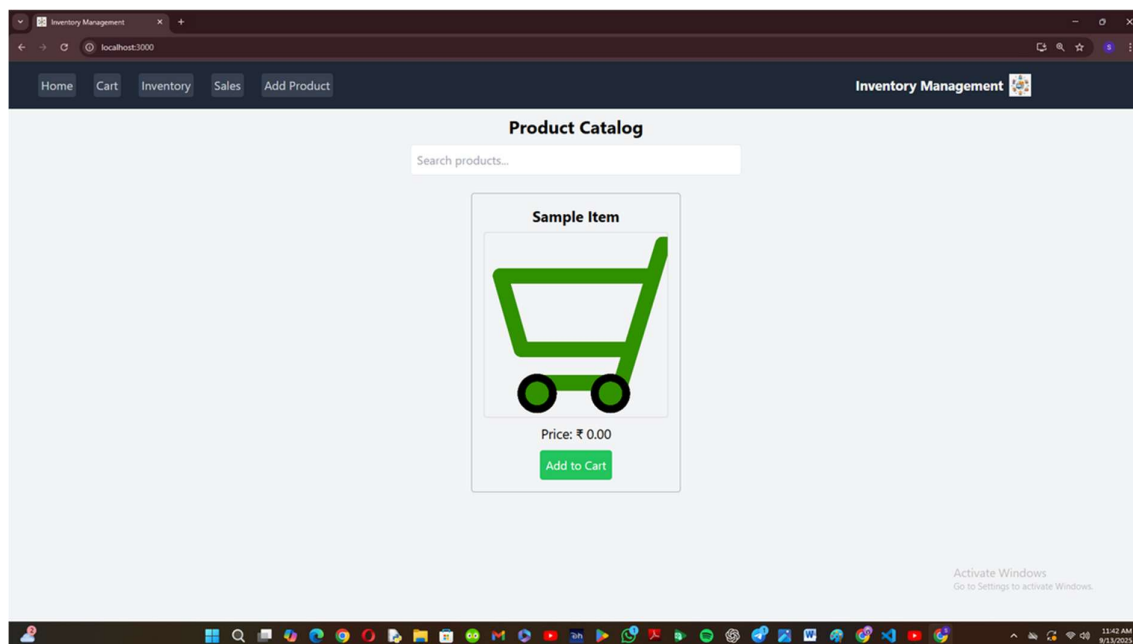
6.User Interface

- Home
- Cart
- Inventory
- Sales
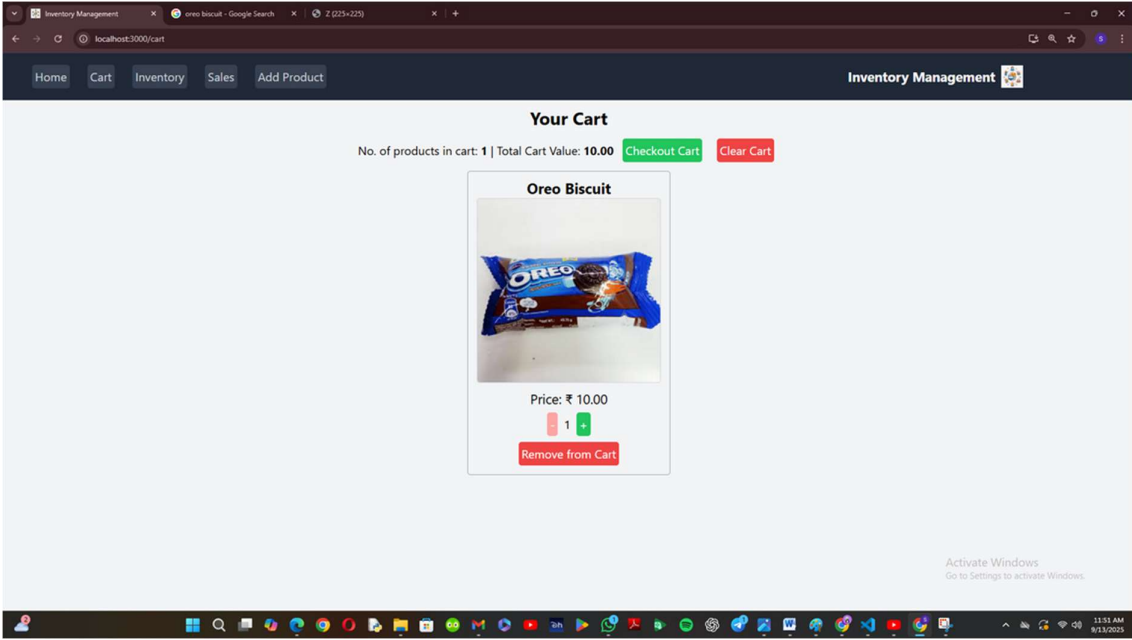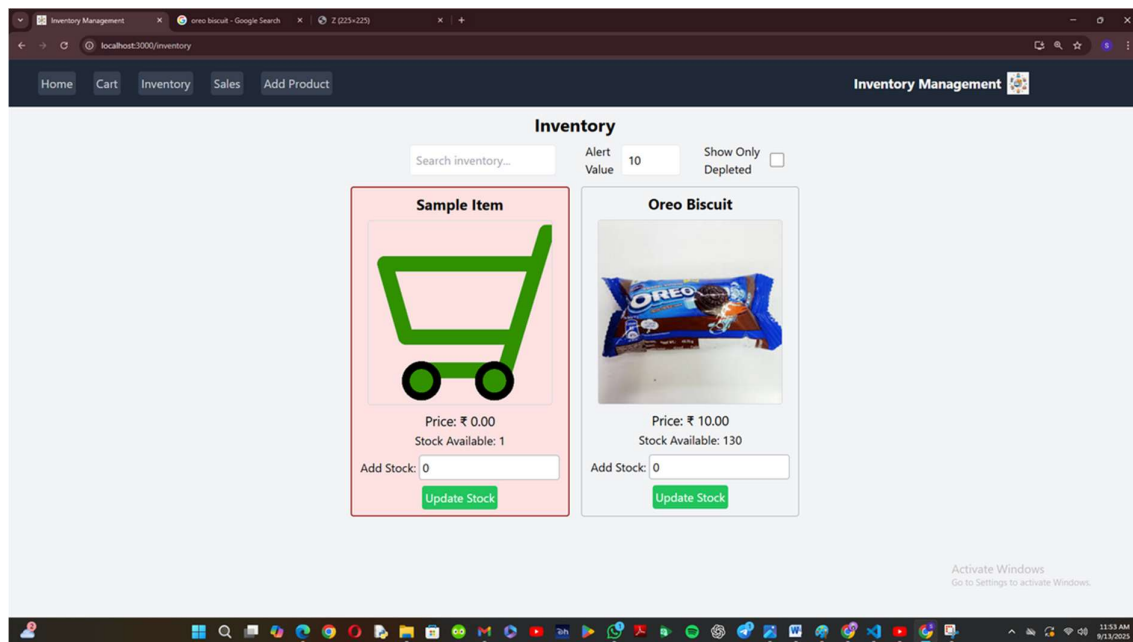- Add Products
- Search Products

7.Testing

- Manual testing during milestones

8.Screenshorts

- Home

- Cart

Home   Cart   Inventory   Sales   Add Product

Inventory Management

Your Cart

No. of products in cart: **1** | Total Cart Value: **10.00**   Checkout Cart   Clear Cart
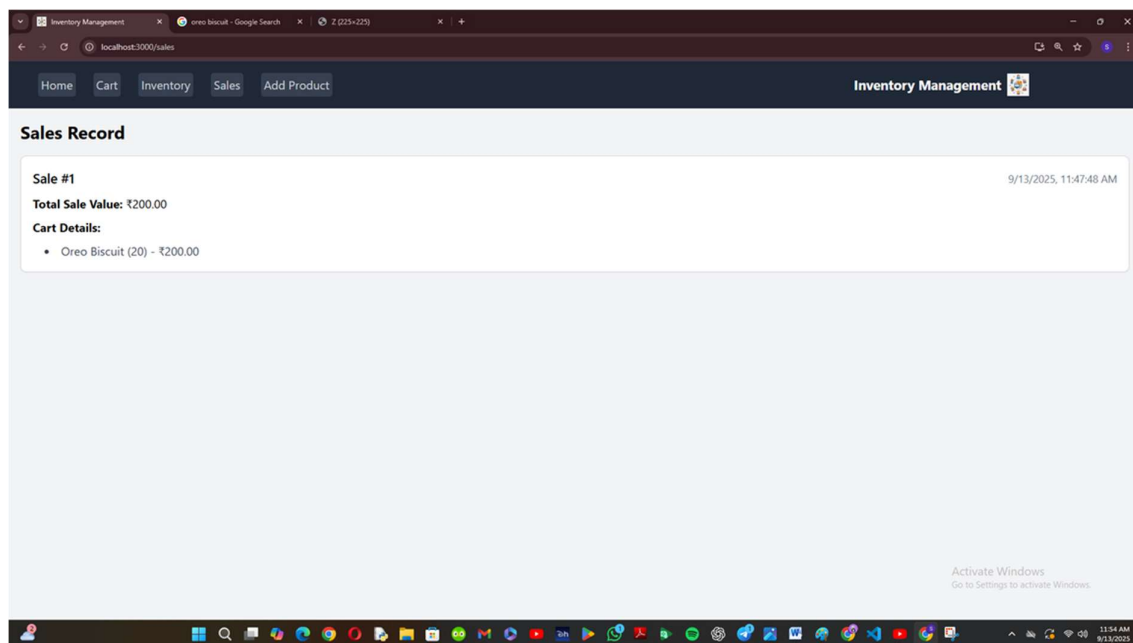
Oreo Biscuit

Price: ₹ 10.00

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Remove from Cart

- Inventory

- Sales

- Add Products

localhost:3000/add-product

Home   Cart   Inventory   Sales   Add Product   **Inventory Management**

Add New Product

Product Name

Oreo Biscuit

Product Image URL

data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAAQA

Price

20

Stock

100

Tags (comma-separated)

Add Product