Project Documentation

STORE MANAGEMENT:KEEP TRACKING

INTRODUCTION

1.Project Title: Store management :keep tracking

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3. Abstract

- This project automates and digitizes the inventory management process for retail stores. Users can add products, manage stock, complete sales, and generate sales/inventory reports efficiently using a web dashboard. Technologies used include React.js, Node.js, Express, MongoDB, and GitHub for code management.

4. Introduction

- Manual inventory management is slow and error-prone. This project aims to reduce errors, save time, and improve the efficiency of store management through a web-based system.

5. Objectives

- To digitalize routine store inventory operations.
- To enable real-time add/update of stock.
- To improve the speed and accuracy of billing and stock reduction.
- To provide reports on stock and sales.

6. Technologies Used

- React.js (Frontend)
- Node.js, Express (Backend)
- MongoDB (Database)
- GitHub (Version control)
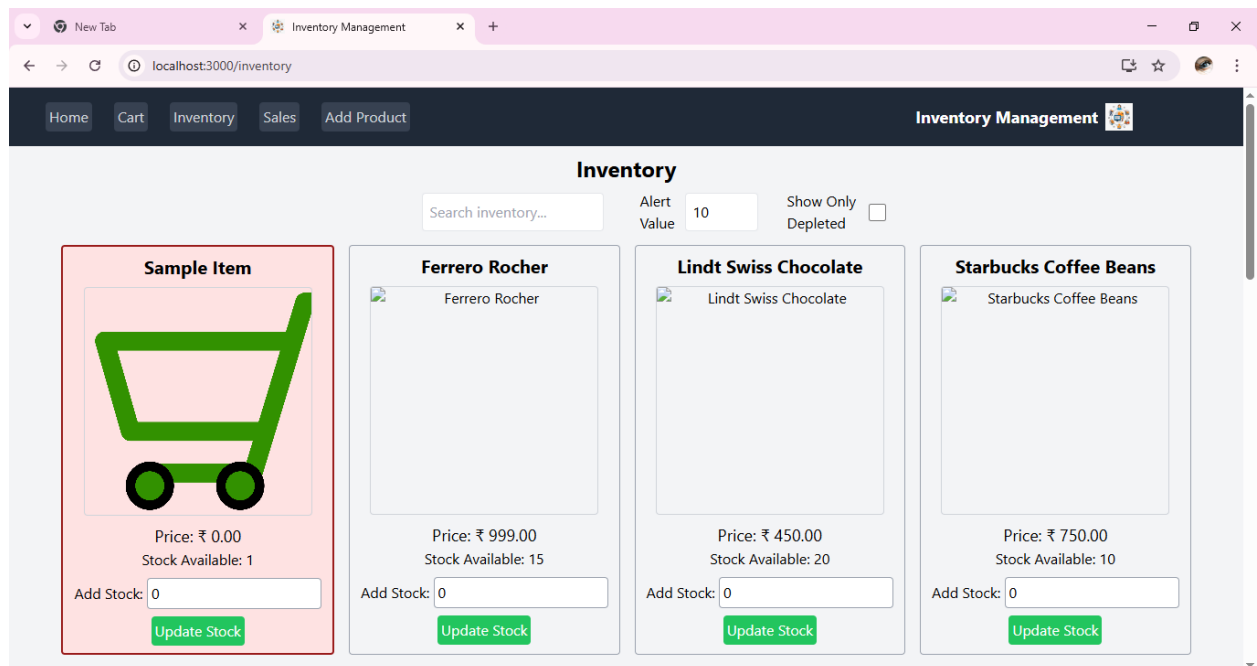- SmartInternz (Guidance & tracking)

7. System Overview

- Product catalog with add/view features.
- Cart for sales—stock auto-reduces when sale is made.
- Sales register and stock dashboard.
- Admin access to add/remove products.

8. Methodology

- Code is written and managed via GitHub
- Live demo runs locally (as shown in screenshots).
- Project tracked on SmartInternz portal.

9. Screenshots

- Paste your screenshots under relevant sub-headings:
- GitHub

10. Result

- The inventory management system was developed, tested locally, and fulfills all the objectives mentioned, including error-free stock and sales management.

11. Conclusion & Future Enhancements
- The system improves store stock management. In the future, this can be expanded with cloud deployment, automated alerts, and enhanced analytics.

12. References
- Naan Mudhalvan/SmartInternz Guidelines
- Inventory management documentation references
- Project GitHub repository