Inventory Management Framework

Overview

The **Inventory Management Framework** is designed to streamline inventory tracking, product management, and stock control. This framework provides essential functionalities for managing inventory efficiently.

Features

* 🔐 **Authentication & Authorization** – Secure access control for different user roles.
* 📦 **Product Management** – Add, update, and delete, list products & show product info for an individual product
* 📊 **Stock Tracking** – Manage and Monitor stock levels in real-time.
* 📜 **Transaction History** – Keep track of inventory changes.
* 🔍 **Search** – Easily find products using search by id.

Installation

**Prerequisites**

* Node.js v22.15.1 - (v22+ recommended)
* Cypress - v14.3.3 - (v14+ recommended)
* Refer package.json

**Setup**

1. Clone the repository:

git clone https://github.com/lakshmannnn/Inventory-Management-framework.git cd Inventory-Management-framework

1. Install dependencies:

npm install

Usage

* **Run Tests**:

npx cypress run

* **API Endpoints**:
* GET /products – Fetch all products
* POST /products – Add a new product
* PUT /products/:id – Update product details
* DELETE /products/:id – Remove a product