

Scenario

A small grocery store is facing challenges in managing its inventory efficiently. The store needs a simple system to track product quantities, update stock levels, and generate reports on available inventory. To address this issue, a Python-based **Inventory Management System** has been developed.

Problem Statement

The grocery store struggles with:

1. **Stock Management:** Keeping track of product availability.
2. **Product Updates:** Ensuring timely updates on stock levels.
3. **Error Handling:** Avoiding duplicate entries.
4. **Inventory Reporting:** Generating an overview of product quantities.

Proposed Solution

A Python program has been designed to provide the following functionalities:

1. **Add a New Product** – Allows store owners to add new items while preventing duplicates.
2. **Update Product Quantity** – Enables updating stock levels for existing products.
3. **View Inventory** – Displays the current stock status.
4. **Generate Reports** – Sorts and presents inventory details for better decision-making.