

INVENTORY MANAGEMENT SYSTEM FOR RETAILERS

PROBLEM STATEMENT:

Inventory Management System is extremely beneficial to business owners, as they allow shops to properly store sales and purchase records. When inventory is mismanaged, it leads to dissatisfied consumers, slower sales, too much cash on hand, and warehouses. This inventory system reduces manual work, human mistake, and manual delays while simultaneously speeding up the process. This inventory management system will be able to track sales information as well as inventories. It also has capabilities like the ability to identify stock levels, compute reorder points automatically, and highlight potential stock-outs. In order to overcome all these problems, we are proposing the idea of an Inventory management system which helps in the management of Stocks and Supplies with the least human interaction in order to maintain time management and concentrate more on customer feedback.

ABSTRACT:

- To develop an application that deals with the day-to-day requirement of any production organization.
- To develop the easy management of the inventory.
- To handle the inventory details like sales details, purchase details and balance stock details.
- To provide competitive advantage to the organization.
- To provide details information about the stock balance.
- To make the stock manageable and simplify the use of inventory in the organization.

TOOLS REQUIRED:

SOFTWARE REQUIREMENTS:

- Python IDLE

SYSTEM REQUIREMENTS:

- Processor-Minimum Intel Core i3-10110U
- RAM-Minimum 4GB
- OS- Windows/Linux/MAC.

SCHEDULE/MEETING DATES:

S no	Batch	Technology Track	Day	Date	Time Slot	Attended
1.	B3-3M5E	Cloud Application Development	Day 1	02-09-2022	6:00pm to 9:00pm	Yes
2.	B3-3M5E	Cloud Application Development	Day 2	07-09-2022	9:00am to 12:00pm	Yes
3.	B3-3M5E	Cloud Application Development	Day 3	09-09-2022	6:00pm to 9:00pm	Yes
4.	B3-3M5E	Cloud Application Development	Day 4	14-09-2022	9:00am to 12:00pm	Yes
5.	B3-3M5E	Cloud Application Development	Day 5	16-09-2022	6:00pm to 9:00pm	Yes
6.	B3-3M5E	Cloud Application Development	Day 6	21-09-2022	9:00am to 12:00pm	Yes
7.	B3-3M5E	Cloud Application Development	Day 7	23-09-2022	6:00pm to 9:00pm	Yes
8.	B3-3M5E	Cloud Application Development	Day 8	28-09-2022	9:00am to 12:00pm	Yes

COLLEGE MENTOR: Pushpalatha. S

INDUSTRY MENTOR: Sowjanya, Sandeep Doodigani

REFERENCE:

1. <https://www.sanfoundry.com/best-reference-books-inventory-control-management-systems/>
2. https://www.worldwidejournals.com/paripex/recent_issues_pdf/2016/August/inventory-management-a-review-of-relevant-literature_August_2016_3020691594_4507440.pdf

PROJECT STATUS:

The screenshot shows a Visual Studio Code editor with a Python web application project. The Explorer sidebar on the left lists the project structure, including folders like 'static' and 'templates', and files like 'blog.py', 'login.py', and 'media.py'. The main editor area shows the code for 'home.py', which defines a Django-like web application with routes for home, login, and post creation. The code includes imports for Django, requests, and PIL, and defines functions for rendering templates and handling user requests.

