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A Review of Inventory Management of Small-Scale Enterprise in India

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Abstract: ***Business owners greatly benefit from inventory management since it enables stores to safely preserve sales and purchase information. When inventory is not managed properly, it results in unhappy customers, paperwork, manual delays, slower sales, excess cash on hand, and warehouses, whereas properly managed inventory speeds up sales and available inventory, notifies a business owner when to restock, and how much to buy. By minimising delays, this method avoids the possibility of stock-outs of fast-moving commodities.***

Keywords— Inventory Management ; Stock Management

1. INTRODUCTION

If a firm is a wholesale distributor, the commodities may be completed products rather than raw materials or components, as opposed to larger organizations with greater physical space, where the goods may move straight to the stock area instead of the receiving site. It was designed specifically for Windows. The final products may either be dispatched straight to clients or returned to the stock areas where they were kept before being shipped. It focuses on the requirements and size of the business as well as the features and applications of the management software. Lot numbers, serial numbers, cost of goods, quantity of goods, and dates when they move through the process are just a few of the data that inventory management employs to keep track of the items as they travel through the process. By reducing delays, this method avoids the possibility of stock-outs of fast-moving commodities. A smart and efficient inventory management system may have several benefits.

2. DEFINITION

Inventory management is the process of ordering, storing, and maintaining a company's inventories. This covers the manufacturing of raw materials, components, and finished items as well as their processing and storage. It may be quite challenging for businesses with intricate supply chains and production procedures to balance the risks of inventory saturation and shortages.

There are four kinds of inventory control.

- Raw materials (Any business buys raw materials for its production line in order to turn into finished goods)

- Work-in-progress (process of turning raw materials into finished commodities)
- Completed Items (These are goods that have been entirely built & are now for sale)
- MRO (maintenance, repair & operation) items: - Items purchased from a distributor for resale to support the production of finished goods.

3. OBJECTIVES

- To ensure adequate supply of products to customer & avoid shortages as far as possible
- To make sure that the financial investment in inventories is minimum
- Efficient purchasing, storing consumption & accounting for materials are an important objective.
- To ensure timely action for replenishment
- Scientifically short term & long-term materials planning
- To generate a monthly report on sales & inventory activity automatically
- To keep a standardized inventory record
- To provide the essential content on a constant basis
- Minimize losses due to degradation, theft, wastages, & damages
- To eliminate stock – ordering Duplication

4. MOTIVATION

The motivation of this paper is to create better understanding in redefining requirement of retailer for paper publication. Hopefully, in the future requirement shopkeeper knowledge that I have is able to make a significant contribution in new idea development process that might be made.

5. PROBLEM

Inventory is an important department in the Inventory Management System that needs to be well-managed in order for daily business operations to run successfully. However, because they do not have a computerized system to run their business, some business still does not comprehend the need of inventory management. As a result, the level of protection for all data, documents, & anything linked to everyday transactions & inventory is extremely low.

Furthermore, due to weak sales & inventory, the store has difficulty to determining the quantity sold per day for each item as well as the available inventory level of the items. it's difficult to keep the records manually. Another issue that had been noticed is that most customers who makes purchases at the stores do not obtain a suitable receipt as a reference, which makes it difficult for customers to swap their existing goods if there are any problems.

6. SOLUTION

We designed an automated solution using desktop software because the shopkeeper needed backup inventory to be prepared promptly and precisely. Right now, in our opinion, this is the greatest choice. However, in light of the lesson learned, it could need some modification in the future, and the shopkeeper's extra suggestion reflects this. It is believed that this approach will assist in making the best inventory management choices by reducing paperwork and ineffective inventory management techniques. A database that saves and retrieves transaction data as well as details about the stock of each item in the store, organises product releases and storage, and summarises the management system will be part of this custom software system.

Payment Generator

We may retain the complex features of invoice administration in order to organise data in a single table structure. A single view page design offers all of the creative components for the company owner. All stock sections must preserve that viewpoint in order for it to be updated as often as necessary.

publicise a bill

The invoice design may be printed using the printing module. It may be used to create a client invoice and then be converted to a PDF file.

Look over the Bill.

This enables the owner of the company to see each customer who has made a purchase from them over the course of a day, week, or month.

Reporting Mechanism

A sales analysis report for the week, day, and month is included with the Report Generator. It gives an account of how a company's sales efforts are doing right now.

RESULT ANALYSIS METHODS

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The primary approach of the research was the interviewing of business owners. This study is based on primary information gathered from store owners themselves as well as secondary information gathered from publications including books, papers, annual reports, websites, and journals. The research used FIFO, LIFO, safety, and stock inventory methods.

It is considerably easier to directly contribute to the successful completion of the project by looking at at least two writing-related marvels that are impacted by the stock administration framework. Research strategy is the efficient and intentional investigation of facts with the goal of identifying the significant relationships among such facts. The task must be successfully finished to provide the intended outcome.

7. SCOPE OF PROJECT

This research examines inventory management and how to handle irregularities in it. By automating laborious processes and documenting them, it enables speedier operation.

This is concerned with the barely perceptible variations in renewal lead time, physically available stock, physical space for stocks, quality management, returns and defective goods, and request anticipating the furthermore by recharging or can be described as the forgotten load of anything used as a part of an organisation.

8. APPLICATION

Instead of "keep full" frameworks, where a retail customer might want to see full retires of the item they are purchasing in order to avoid thinking they are purchasing something old, undesirable, or stale, the process of stock proportionality is best suited for inventories that remain hidden from the buyer. Stock proportionality is successfully used by without delay manufacturing processes and retail applications where the item is hidden see.

9. BENEFITS

Accurate inventory: Goods management helps to organise and streamline the placement of inventory and procurement to enhance fulfilment.

Avoid stock outs and excess stock problems using inventory optimization to prevent stock troubles. Assures a sufficient supply of materials

10. CONCLUSION

In this work, a sales data storage system for a specific desktop programme is described as an inventory management system. It is a simple desktop programme that connects to the real distribution centre, enabling information to be updated and verified in the shop. It is a safe programme that guards against data loss while being stored. The inventory management system will lead to increased revenue and profitability, a better working environment for employees, and an overall increase in customer happiness.

11. RECOMMENDATION

Regular training based on different inventory management methods should be organised by SSI's owners.

Employees who manage inventories for SSI should make sure that the organization's inventory management policy is carefully followed to carry out their daily responsibilities.

Owners of SSI should set up multiple inventory levels to prevent overstocking and understocking of their businesses.

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