
INVENTORY MANAGEMENT SYSTEM

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ABSTRACT

An inventory management system is software that supports business operations. Inventory management is a complex issue in supply chain management. Businesses need to keep stock in stores to accommodate customers, meanwhile these products incur costs and frozen stocks can be lost. Therefore, the task of inventory management is to find the amount of stock that meets the requirements while avoiding overstocking. This page presents t. It is recommended to use inventory management to reduce inventory levels and use intermediary systems to initiate inventory management activities. For large stores, an inventory management system (IMS) is used. The system is used to store detailed information based on sales information, create product and periodic inventory reports, etc. Can be used for. It is an integrated system that includes user components (used by salespeople, sales representatives) and components (used by managers at the executive level). operations such as adding new elements to the composition. The best way to manage the product will inform the seller at the time of this writing. Inventory management system is also an important part of tracking large orders. An automatic inventory management system helps reduce errors that occur when you record entire inventory in the system. Keywords: stock management system, hardware sales, warehouse, stock management, time saving, high profit.

1. INTRODUCTION

Inventory management is one of the most important aspects of supply chain management. The store needs to update incoming or outgoing inventory every day or every week. Most stores should at least have a warehouse to store their products. To maintain customer satisfaction when the store is out of stock, the retail company offers delivery service through customer orders for products from the store. It is important to have a stock management system in the organization because the company can track and control its products and revenues processed in the organization. At the same time, knowing the amount of product to be returned according to customer and market needs will reduce the sales loss of many products.

MOTIVATION

Motivations for this project are as follows:-

- The aim of this study is to develop a cost-benefit analysis system for stock management of perishable and finished products, considering delivery times in different companies.
- A lot of research went into the final product.
- Most researchers ignore lead time and view degradation as a continuous phenomenon.
- To have an effective method of managing the accounting process, it is important to consider time.
- Regardless of what research is done, ignore the idea that it may not be true.
- Therefore, in our research, we tried to create a model that includes spoilage and delivery time when evaluating the final product.

2. OBJECTIVE OF PROJECT

Primary objective:

The primary objectives of the project are mentioned below

- Complete requirements for a bachelor's degree in computer information systems.
- Basic information about .Net Technology and .Net Framework and Visual Studio .

Secondary objective:

The secondary objectives of this project are mentioned below:

- Develop software that meets the daily demands of a productive organization.
- Development of simple accounting management.
- Create details such as product, purchase details and stock balance.
- Provide a competitive advantage to the organization.

LIMITATION:

The accounting system is designed for a specific purpose and of course has its limitations. Human errors and technical problems are examples of this:

- Automatic call to suppliers when stocks run out.
- Does not automatically notify the user if something is unexpectedly missing.
- The accounting system is designed only for tracking inventory and items, not for computer entry or the total cost of items in the system.

SUMMARY:

- Inventory is an important target in the supply chain. However, companies can help reduce inventory needs by effectively managing these inventory-increasing factors.
- Inventory can be divided into two main types: Independent Demand and Demand. The management system of these two species is very different in terms of inventory.
- The two classic standalone inventory management systems are the periodic review system and the continuous review system.
- Economic quantity (EOQ) is the order quantity that minimizes total holding and ordering costs over a year. While not all assumptions are correct, the EOQ gives us a clear indication of whether the current ranking is correct.
- The reorder point method allows us to determine the security storage (SS) required to achieve a given service level. In general, the longer the delivery time and the more diverse the requirements and delivery time, the more SS we need.

3. CONCLUSION

Our project "inventory management system" was designed to make the shopping process easier for customers. The aim of this project is to offer users a platform where they can have different options to choose their needs. Online storage is available to users anytime, anywhere. The purpose of creating this type of website is to save you the hassle and hassle of visiting the Internet market and crowded places. This allows the user to choose what he wants and also share the information anywhere in the world. Visit the product's link and ask your friends for their opinions.

4. FUTURE SCOPE

- Sales mode can also be offered so that the user can not only buy but also sell their products.
- Stores carry out their business online via our website.
- Online payment gateway can be added.
- Delivery and returns may be managed by a third party.
- Product reviews can be added to give ideas to potential buyers.

5. REFERENCE

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