E-Invoicing Inventory System

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Abstract:
In digitalization process every requirement converted into the automated system. To help the digital India vision our application is one of the steps, to design automated inventory system, this requirement of small hardware shop. The purpose of design this inventory system is to store availability of data/information related to the goods or products in centralize storage and generates the automated invoice and stock information. In previous system the maintenance of product information for long time is very complicated process and it consume more time. It do not alert the quantity level of products when the stock of products comes to the low level. Due to the centralize database it is easy to maintain the level of stock and alert to the shop owner when the stock is low, it generate the automated invoice for purchase of goods so the level of stock is automatically recorded. These applications automatically send stock requirement to supplier through email this feature help to maintain the availability of product in shop.

Keywords: Digital, Database, Inventory, Automated.

I. INTRODUCTION

Hardware shop has offered us with an opportunity to make an application for generating their products/goods record database. Our system will be based on java to integrate database. The design and implementation of a comprehensive products/goods information system and user interface is to replace the current paper records. The system utilizes user authentication. Each employee of shop has authority to create or update information in that subsystem. Previously, the hardware shop relied heavily on paper records for this initiative. While paper records are a traditional way of managing products/goods data there are several drawbacks to this method. It takes a very long time to store the information of products/goods. Paper records are difficult to manage. The physical exertion required to get back, change, and to file again the paper records are all non-value added activities. This project provides a simple interface for the maintenance of products/goods information. It can be used by that hardware shop to maintain the records of products/goods easily. Achieving this objective is difficult using a manual system as the information is randomly distributed, can be redundant and collecting relevant information may be time consuming. All these problems are solved using products/goods information management system. This report focuses on presenting information in an easy and intelligible manner. This project for, a store where enormous use of purchase and selling of products/goods. In general life scenario, to maintain and growth of business, a store owner increases man power. All records of store maintain in file format by manually. To make each and every entry with verification takes times. The store where the immense use of goods for purchasing and selling them needs more man power, it spend more money, also annual income checking is major part for such store, with this there is a chances of human error that is definitely unprofitable for any store. What we are providing, an inventory system which design and develop to handle such issues with perfection. With these, few people will require to handle a store. This software is bound for any store whenever the product purchasing and selling required. The product provides you the power to control your inventory with centralized stock information and easy to include operation interface. It helps you track every significant piece of information about each inventory item. Inventory management is a very important function that determines the health of the supply chain as well as the impacts the financial health of the invoicing. Every store constantly try to achieve a result, to maintain optimum inventory to be able to meet its requirements and avoid over or under inventory that can impact the financial figures. Inventory means a physical resource that a firm holds in stock with the purpose of selling it or transforming it into a more valuable state. Inventory System monitors levels of inventory and determine what levels should be maintained, when stock should be replenished. Inventory is a necessary that every store would have to maintain for various purposes. A precise inventory control system is required to manage the operations smoothly and accurately.

II. PROBLEM STATEMENT

In the previous system the maintenance of product information for long time is very complicated process and consumes more time. It do not alert the quantity level of products when the stock of products comes to the low level. Also it automatically do not send stock requirement to buyer through email to maintain the availability of product in shop. Inventory Management is very essential to have proper control and management of inventory. The purpose of inventory management is to make sure availability of materials in sufficient quality and quantity as and when required. It aims at improving material handling and large profits. Every process was based on paper work, human error was high, and there was no efficient login system. It makes causes lots of paper work, if there is no automated system available. In existing system, paper work solution where being used as a inventory management tools, so, the existing system required more time.

When a stock of a product comes to the low level it does not alert the owner and does not send the mail to the supplier for to inform the low level of stock.

III. OBJECTIVES

Due to centralize database, it is easy to maintain level of stock. It reduces the manual work due to centralized storage. It alerts...
the quantity level of products when the stock of products comes to the low level. In this application automatically send the stock requirement to buyer through email. It helps to maintain availability of product in shop.

IV. ARCHITECTURE:

Owner of the shop should be login to the system and then entered to the home page. After reaching on home page on left hand side there are three modules are available that is admin module, inventory module and sales module. Admin module has authority to see or handle all these modules as we shown in diagram. Employee has authority to see only two modules that is inventory modules and sales modules. All these information which are filled in the form that all information are stored in database. Admin module contain two forms i.e. login and registration form. Inventory module contains item entry form, transaction form and report. Sales module contains transaction form and report.

IV. CONCLUSION

The hardware shop currently using the manual system which takes lots of time and paper work so we are proposing a system removes all these drawbacks, also giving more rights to the higher authority to monitor the stock of products. By using this system data security would be increase. Due to centralized database, it is easy to maintain the level of stock. The system can be used to manage the data of all types of stores and reduces the manual work which was previously being done in organizations. This system provides the detail structure of products. It looks on all aspects of a store/shop, its products.

IV. REFERENCES


[7]. Poonamdeep Kaur, Dr. Dinesh Grover, “Accounts Payable Controls System Implementation For E-Governance at Punjab Agricultural University”, December 2012