Abstract of the project

This project is aimed at developing a Web based application named Invoice and Inventory Management System for generating invoices and for managing the inventory system of any organization.

The Invoice and Inventory Management System (IIMS) refers to the system and processes to manage the stock of organization and generating invoices for customers with the involvement of Technology system.

* This system can be used to generate the bills, store the invoices, store the details of the inventory, stock maintenance, update the inventory based on the sales details, generate sales and inventory reports daily or weekly based.
* This project categorizes individual aspects for the sales and inventory management system. In this system we are solving different problems affecting direct sales management and purchase management.
* Invoice and Inventory Management System is important to ensure quality control in businesses that handle transactions resolving around consumer goods. Without proper inventory control, a large retail store or wholesale store may run out of stock on an important item.
* A good inventory management system will alert the retailer and wholesaler when it is time to record. An automated Inventory Management System helps to minimize the errors while recording the stock.

Introduction of the project

The project Invoice and Inventory Management System is a complete Web based application designed on java technology using Eclipse IDE. The main aim of the project is to develop Invoice and Inventory Management System Model software in which all the information regarding the stock and invoices of the organization will be presented. It is an Web based desktop application which has an admin component to add customers, manage the inventory, to generate the invoices and maintenance of the inventory system. This Web application is based on the management of stock of an organization. The application contains general organization profile, sales details, Purchase details and the remaining stock that are presented in the organization. There is a provision of updating the inventory also. This application also provides the remaining balance of the stock as well as the details of the balance of transaction. Each new stock is created and entitled with the name and the entry date of that stock, and it can also be updated any time when required as per the transaction. Here the login page is created in order to protect the management of the stock of the organization in order to prevent it from the threads and misuse of the inventory.

Problem statement

After analyzing many existing IIMS we have now the obvious vision of the project to

be developed. Before we started to build the application team had many challenges.

We defined our problem statement as:

* To make a Web based application of IIMS for small organizations.
* To make the system easily managed and can be secured.
* To cover all the areas of IIMS like purchase details, sales details and stock

management.

Tools and technology used

Development Tools

* Microsoft Visual studio
* Eclipse IDE
* DBeaver for database management

Technologies used.

* Html
* CSS
* JavaScript
* React JS
* Java 1.8
* SQL Server
* Apache tomcat server