**Project Proposal On Inventory Management System**

Module : **WEB API DEVELOPMENT**

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# **Introduction**

This is the era of technology. Everything is related to the technology and computer solutions. Even the business needs computer. Computer has become a major choice for each and every organization. Looking at the scenario and as the context of the world, what if we utilize the computing devices to the business. It would be much easier to analyse the sales , track goods, monitor purchase and so on.

So, as per my research I have decided to build an inventory management system for the business organization so that they can monitor their sales ,purchase and analyse the growing needs ,count sales and so on. It would be so easy to calculate , everything would be presented on their dashboard. Tracking the sales year wise, or month wise so that how much growth either decreased or increased can be known. It reduces human pressure to calculate all those and analyse which certainly helps in time management. (capterra.com, n.d.)

# **Aims and Objectives:**

Inventory management system allows the business to plan for their future steps analysis upon the past and present sales, purchase report. They can easily decide what to do and what not to do looking upon the report.

**Objectives:**

To create bills, print bills,

To analyse the sales, purchase report ,

To track the sales growth or expenses year or month wise and monitor ,

To store the goods and their quantity , know their expiry as well ,

To count Bills ,

To get the notification before the delay for any operation ,

It reduces the time ,

To Know the product stock ,

It increases the sales productivity ,

It Reduces the human effort ,

All accounting will be presented ,

To track the staff payroll month wise ,

To record staff attendance ,

To get the real time notification when distributor orders any goods.

(careerride, n.d.)

# **Features:**

Easy and simple interface

Create Estimate, Challan or Invoice Bill

Retrieve Sales , purchase report,

Track the sales growth, track the accounting year wise

Add the products and get the stock, check the stock out

Staff attendance and payroll

Add distributor and get notified when distributor orders any goods.

(fcbco.com, n.d.)

# **Problem Statement:**

In an organisation it is much difficult to figure out or calculate the sales growth or purchase report. In paper based report, everything human must calculate and take out each summary report which ultimately requires much more human involvement moreover it is much more time consuming . Similarly, to keep the staff records and track their attendance and their payroll, in every month they need to calculate present attendance and release the monthly salary. So, looking at all this, a web interface will be provided having all these features so that it would be much more easier to know the information , track each and every events, helps in making decisions , know the product stock , know the sales productivity and so on.

# **Tools**

Database : MYSQL

Language: JAVASCRIPT, Node.js

Libraries: JQUERY

IDE: Visual Studio Code

# **Conclusion:**

A web interface will be provided to the business organization which enables them to add the products ,track the products, add their expenses ,purchase and know the stock ,check the balance sheet. It just reduces human effort to do these all which also saves much more time. It helps in making any decisions for further or next step by looking upon the sales track. Similarly, there will be a features to store the staff information and basic salary so that in each month their salary can be tracked. Likewise staff attendance will be taken, and in the salary given sheet attendance of months will be reported, if absent is more than defined than salary can be given by deducting the appropriate amount. Last but not the least, a simple and user friendly interface will be provided so that they need not to take any training's to users.

# **References**

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