

Mobile-Based Inventory Monitoring System

Sejal Kandare, Sneha Dhadave, Sonal Balpande
Student, Student, Assist.Professor(Guide)
Computer Engineering,

K.C College of Engineering & Management Studies & Research (Mumbai University), Thane, India

Abstract: Inventory Management system is a software which is helpful for the operate stores, where store owner keeps the records of purchase. The project eliminates the paper work, human faults, manual delay and speed up process. Inventory Management system will have the ability to track sales and available inventory, tells a store owner when it's time to reorder and how much to purchase. Inventory Management System is a application developed for android operating systems which focused in the area of Inventory control and generates the various required reports.

IndexTerms - Inventory Management system, update, tracking inventory, time saving, maximum profit.

I. INTRODUCTION

An inventory management system is the combination of technology (software) and processes and procedures that oversee the monitoring and maintenance of stocked products. Inventory management software, which provides a central database and point of reference for all inventory, coupled with the ability to analyze data, generate reports, forecast future demand, and more. Processes for documentation, and reporting. This should include an inventory management technique such as Just in Time, ABC Analysis, First-In First-Out (FIFO), Stock Review, or another proven methodology. The main aim of the project is to develop Inventory Management System Model application in which all the information regarding the stock of the organization will be presented. This application is based on the management of stock of an organization. The application contains general organization sales details, Purchase details and the remaining stock that are presented in the organization. There is a provision of updating the inventory also. This site also provides the Remaining balance of the stock as well as the details of the balance. Each new stock is created and entitled with the named and the entry date of that stock and if stock reaches to a threshold level then notification will be send through email.

II. LITERATURE SURVEY

During the development of this software, we read through papers. A Review of Development of Inventory Management System , in the year 2010. Inventory management systems can help reduce the time to respond to changing market demand of products and can help control excess stock. IMS provide a means for business to effectively manage or control their inventory. Keep only up-to-date records of items and removes all sold items from the system. Inventory Management System Software, in the year 2013. Easily and efficiently manage stock, setup reorder points Track inventory in multiple picking locations. The orders are placed at the irregular time periods which may not be convenient to the producers or the suppliers of the materials.

Admin Login

Admin component to manage the inventory and maintenance of the inventory system.

III. METHODOLOGY

In User login user need to register first after registration user can login into the system using ID and password, after login, user can see product. In Admin login admin can login into the system using ID and password, after that he can see the details of the product which are used and which are remaining. In Admin login admin can add new products, delete product and update the inventory. User need to register first after registration user can log in and see different product. Each new stock is created and entitled with the named and the entry date of that stock and it can also be update any time when required as per the transaction.

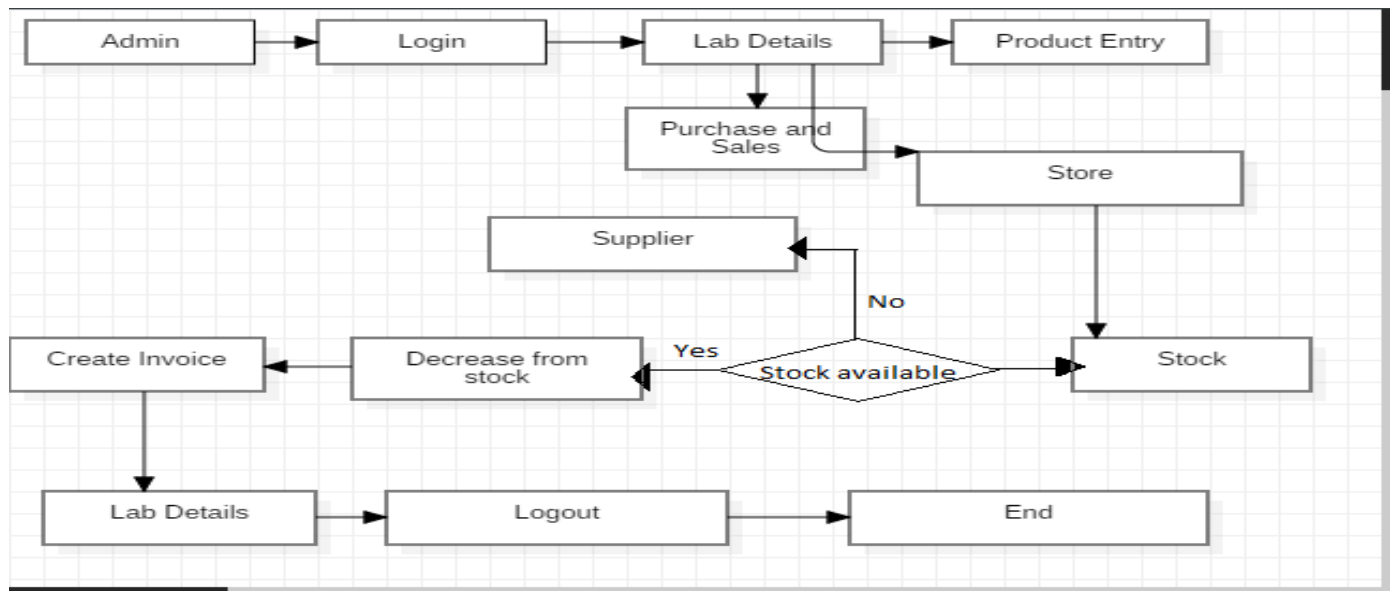


Fig. 1. Operational flow of the System

IV. CONCLUSION

Inventory Management System is a simple application basically suitable for hospital. It has every basic items which are used for the hospital. Our team is successful in making the application where we can update, insert and delete the item as per the requirement. This application also provides a simple report on daily basis to know the daily purchase details. Through it has some limitations, our team strongly believes that the implementation of this system will surely benefits the hospital

V. ACKNOWLEDGEMENT

We would like to thank our guide Prof. (Mrs.) Sonal Balpande, Associate Professor, K. C College of Engineering & Management studies & Research, Thane, for initiating me into this field of research and for providing me with the necessary guidance, great encouragement throughout the preparation of this paper. I take this opportunity to express my gratitude to the Staff members, Non-Teaching Staff members and Research Scholars of the Department of Computer Engineering, K. C College of Engineering & Management studies & Research, Thane, for their timely help and encouragement. I record my deep indebtedness to them for their support.

REFERENCES

- 1) Lesonsky, Rieva(1998). "Tracking Inventory". Entrepreneur Magazine.
- 2) Dolinsky, Anton. "Inventory Management history part four". Almyta Systems. Retrieved August 17, 2010.
- 3) Polsson, Ken. "Chronology of personal computer-1981". Polsson's Webworld. Retrieved August 17, 2010.
- 4) Lockard, Robert(29 November 2010). "3 advantages of using Inventory Management Software". Inventory System Software blog. Retrieved 23 November 2012.