LITERATURE REVIEW

Literature review is the formal methods that can be used to review the critical points of current knowledge including findings as well as theoretical and methodological particular topic for supporting issues. Products are considered as the business resources for the organization. This includes managing the product with appropriate way to review any time as per the requirement. Therefore it is important to have a computer based IMS which has the ability to generate reports, maintain the balance of the stock, details about the purchase andsales in the organization. Before developing this application we came up with several Inventory Analytics System existing in the market, which helps to give the knowledge for the development of this project. These application software are only used by the large organization but so we came up with the application which can be used by the small company for the management of their stock in the production houses. After analyzing the other inventory analytics system we decided to include some of common and key features that should be included in every inventory analytics system. So we decided to include those things that help the small organization to adapt with this application.

Retail store stock inventory analytics system is a mobile application system that handles the product management for company equipment or any items to stored. The main aim of the project is to develop Stock Management System Model software in which all the information regarding the stock of the organization will be presented. Nowadays, many companies use the system to avoid overstock, miscount and outages. It is a system for organizing a better inventory data than that was used before which is generally stored in manual form books or in spreadsheets. This application has admin component to manage the inventory and maintenance of the inventory system. The application has general organization profile, stock details, purchase details and the remaining stock that are presented in the organization. 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 named and the entry date of that stock and it can also be update any time when required as per the transaction or the sales is returned in case. Here the login page is created to protect the management of the stock of organization in order to prevent it from the threads and misuse of the inventory. This management system can be used by staffs that can enables the user to view the product and item information that have been key-in. Staff or user can update any other information directly by using online system just like any other online systems. The added valued contain in this system is Product Calculation Method (PCM) which it can be used by staffs to key-in any item that company bought or item in store to make sure the actual amount of that item or product. This method will make the calculation before the item stored and give a recommending about the place that item should be stored. This method can help staffs to move the item easily when they know actual places to keep the item.

REFERENCES

1) Lee, J. K., Lee, I. S., & Kwon, Y. J. (2011). Scan & learn! Use of quick response codes & smartphones in a biology field study. The American Biology Teacher, 73(8), 485-492.

2) Chen, Yu-Hsiang. "System and method for identifying qr code." U.S. Patent Application 12/849,005, filed February 2, 2012.

3) Chapin, Christopher, Henry Eisenson, and Eric Eisenson. "Peer-to-peer inventory management system." U.S. Patent Application 11/345,842, filed August 31, 2006

4) Blanchard, Jean-Louis, et al. "System and method for stock options market management." U.S. Patent No. 7,181,423. 20 Feb. 2007