ABSTRACT

This project presents the understanding of the Inventory Information System of T N S Manufacture Company Limited providing an overview of the company structure, process, workflow and data transactions. From the study of the existing system, the major problem of the existing use of the manual system. Although there are working papers to control each steps of processes, the transactions are not accurate. The quantity of physical products (Fastener Screws) in storeroom is not equal with reporting figures by manual system. And it is very difficult and takes more time to search the information such as level of the outstanding balance in stock. This inconsistency is major cause of shortage of products in storeroom when customers requirements. And cost from not running production line is a serious problem which company needs to eliminate as first priority too. The existing system is a manually tracked paper work system. As cost of the system is increasing every year due to company expansion in new production line based on business opportunity. So the accuracy and efficiency system is required to achieve the company goal.

To develop the inventory system from the existing system, which is a manual system, to computerized system is the main objective of this project. The proposed system concentrates on inventory transactions from starting point till ended consumptions in each production line. This project does not require huge initial investment and the payback period of the project is not very long. The company needs to invest in both hardware and software which is costly first year of the investment, which will be recovered in a few years. So it will be very useful for the company to change its system to be a computerized system.