

ABSTRACT

In this study, a feasibility of using computer in inventory management system for a wire mesh company has been conducted. First, the existing manual inventory system is described to highlight the problems faced by the company in making appropriate inventory decision. These problems can be identified as:

- (1) It is difficult and it takes time to check the inventory status and inventory valuation of all transactions.
- (2) Updating information is inaccurate and not updated so the inventory system can not provide correct information to support the high level management decision making.
- (3) The erroneous information, coming from data entry people, can easily occur because the manual system does not have an effective checking system.

In order to solve the above problems, a new computer-based inventory management system has been developed. The system provides relevant information (in various types of report) on the inventory status of the warehouse in a timely way for the management to make inventory related decision. The proposed system is then evaluated and steps are recommended for implementation. This project covers the analysis, design and implementation of an information system. This is to analyze the existing system and to design the new computer system to meet the exception and requirements of the users. The new system will give up-to-date information for manufacturing planning, sales and marketing planning, and also purchasing planning. The computer system is to provide on-line reliable information that helps to reduce inventory wasteful and purchasing checking.