

ABSTRACT

ABC Company Limited is one of the companies that has wanted to modernize its company by implementing an Enterprise Resource Planning (ERP) system for its company after successfully deploying the Finance and Accounting software module under the name MACS.

This research was conducted to explore the merits and shortcomings of the implementation of the ERP system for ABC Company's purchasing department. The research was conducted with primary and secondary data to identify the inefficiencies of current working process flow in purchasing department which was identified through two major causes of human errors from manual input processes and disorganized database which has caused wide ranging issues from inventory planning to delivery planning. The new design of work process would totally eliminate the redundant work process from nine processes to five processes through the use of Enproduction system software. The purchase order currently uses thirty minutes of operations time per issuance, which could be effectively decreased to fifteen minutes. Additionally, the Enproduction project objective was to explore the advantages and disadvantages of ERP system which result positive outweigh the negatives in increased efficiency through reduced operation time for purchasing orders, decreasing operation cost and providing integrated database into the centralized database.