

ABSTRACT

This system development project presents the analysis, design, and implementation of the Plastic Bag Printing Information System for the N.P. Unipack Company, a plastic bag manufacturer. It aims to support better service to replace the existing system in the part of printing plastic file inventory which is now being operated manually by 100% human source. Whenever the files are required to be used, the designated person has to involve for querying the needed files to be processed in the printing plastic operation. And this manual process consumes plenty of time to complete the operation. And it also causes the time consumption problem that delays the related operation within the manufacturing task.

The proposed information system is developed to improve time consumption as the first priority that the existing system could not provides effectively. And it is also replaceable with the designated person who has the duty to keep track of the printing files checking in/out transactions. Furthermore, this system also gives the correctness of data constant because of eliminating data redundancy in many places. The same record from various places will be stored at the center and updated at all times. Others could access to view that updated record instantly, and also be able to update records at all times. Lastly, this system can generate some information that could support the decision making for the senior managers.

This report includes the details of computerization system to be implemented and integrated with the existing organization with lowest effect on working culture of this enterprise. Furthermore, the result of analysis phase has come with the most three potentially feasible solutions. And the cost and benefit analysis is also included to show the cost comparison of operating between the existing system and the proposed system.