ABSTRACT

This system development project presents the analysis, design, and implementation of the Inventory and Sale Information System of Kanchana Feed Mill Co., Ltd. At present the business operations of inventory and sale departments of the company are conducted manually. The current inventory control process cannot support decision making of the management. Moreover most documents are arranged in separate folders. It spends much time to search for and require retrieving the information. The lack of database leads to the problem of information gathering, which causes business processes to be inefficient, and time consuming.

The new proposed information system will be developed to capture the data and transactions concerning inventory and sales requisition and purchasing in order to support the decision making of the management level. The new system requires the computerization information system. The proposal of the new system includes candidate matrix of 3 candidates and feasibility matrix that is used to find out the most suitable candidate. Moreover cost and benefit analysis shows the comparison between the cost of existing system and the proposed system.

Part of designing the proposed system. We started with designing of the proposed system, study user requirement in the system, modeling application architecture that includes network architecture, data distribution architecture, user interface and report design. Software design is also one of the most important steps to be performed. The structure chart is the primary tool used in structured design that requires Data Flow Diagrams (DFDS). One approach that should be used to derive a program structure chart from DFD is transform analysis.