ABSTRACT

The System Development Project is concerned with how to change the existing operations to be a computerized system for transaction processing system in many departments of a furniture company. The computer system is developed by studying the existing system, defining the user requirements and analyzing the problems. The structured analysis tools such as data flow diagram (DFD), data dictionary and process specification are used. After the analysis phase, the new system is designed by transforming DFD into structure charts. The reports are designed to provide the information in daily, monthly and yearly basis to serve the various requirements of the users. Then hardware and software configurations are evaluated. Finally, the documentation, including the new system, file specifications, reports and screens designs, is prepared. Without documentation, it is difficult to make changes or modifications to the system because no one knows how the system, files, reports and procedures were designed.

The new system is expected to provide timely and accurate information both to provide satisfactory service to customers and to support the decision making of management. The proposed computer information system, which mainly concerns stock control, sales, and service function, can be integrated to other systems that will be developed in the near future. Besides considering how effective the system is, the design is also concerned with how friendly the system is to the users.