

ABSTRACT

This system development project presents the analysis and design of XCON CO., LTD. The project is developed to solve the problems of the communication between head office and factory, consumer database and design output. The objectives of this project improve the design output , create the on line communication between head office and factory, stock control system, reduce the schedule errors and create the executive report.

The study of this project begins with the required definition and analysis of the existing system. Information system analysis and design tool such as context diagrams, data flow diagrams, data dictionaries, and structure charts are used to analyze both the existing and proposed systems.

It was found out that the new computerized system is implemented using LAN with 1server, 35clients, and 8printers. Software for the proposed system are Window 2000, Ms office 2000, Autocad, Ms 3dmax, Coral draw and Ms Photo shop. Based upon payback method, it shows that the initial investment will pay for itself after 2 years. In terms of degree of achievement, the proposed system can process data about 10 times faster than the existing system.

To further improve the proposed system, it is recommended that the hardware and software should update its version every 2-3 years. This will encourage users accessing the system more easily and faster.