ABSTRACT

This system development project was developed to enhance the productivity and improve the efficiency of Bunchonpanich Partnership Ltd. The emphasis is on the computerization of Order Processing Control System for the construction business. At present, the system is done manually which causes many problems such as the delay in material transportation. Each department has to use their own database, which are kept separately in different formats. Therefore, the data are inconsistent, yet, summary reports and ad-hoc queries can not be provided for the management on timely basis. The Order Processing Control System for Bunchonpanich Partnership Ltd will increase the efficiency of working process and it will provide the competitive advantage to the company.

The new design of the new system is presented by using data flow diagrams, database design, table design, hardware and software requirement, security controls and cost & benefits analysis to solve or minimize the current problems. The implementation consists of testing, conversion, training, and system maintenance. The scope of the project is concerned with customer verification, customer purchase order, supplier purchase order, stock management, delivery control, and generate reports.

The new system is designed using LAN system that will share data to support all concerned operations. The software used in this project is Microsoft Access 2000. This new system can help reducing the problems in the existing system, the costs of operation and time consuming, and generate the concerned report to management for evaluation to increase the company's benefit.