

ABSTRACT

This project is developed to improve the existing operation system of Variety Book Shop. All of the work processes of this existing system are manual. The computer information system will be used for the development of this existing system. The project is based on Book Service System for the shop. The system analysis and design process cover the current problem definitions, information gathering and analysis of the existing system, providing the new requirements, determining areas for improvements and designing the new system. The new system is presented by using dataflow diagrams, structure chart, entity relationship diagram, data dictionary, input form, output form, screen layout, process specification and cost and benefit analysis to solve or minimize the problem. The cost and benefit requirement section is very important for the project because we must compare the revenue of the current system with the new system. If the new system provides the pay back period in a suitable time, we will accept the new system. The implementation consists of coding, testing, conversion, training and system maintenance.

The scope of the project includes the Book detail requisition, collecting payment, registering customers, registering new books, providing book service, collecting revenue. The new system can help to save time and effort spent on system development, and can help to provide more efficient service to customers.