

ABSTRACT

This project represents an analysis and design for Books Rental Information System of Books 4 Life Co., Ltd. The new computerized system is developed to improve the business process and to solve the problems occurring in the existing system.

The existing Books Rental Information System is based on manual system. All the data are stored on paper. Many staff members are required for information collection, and they face general problems in a manual system, which has caused error and has high maintenance costs.

The proposed information system will be developed to replace the manual maintenance system. All data are kept in a database server, which will be accessed through Microsoft Access 2000 through the server. The operating system and network management program would be Microsoft Visual Basic 6.0. It will reduce the number of administrative staff, and the time used to check routine maintenance schedules. It will also help in preparing reports, solving the problems of the manual system, and decreasing high maintenance costs. The system development costs will be recovered by the cost avoidance benefits after implementation. After users become familiar with the new system, it is found that the organization gets more efficient information than before to support decision-making. The proposed information system has break-even of 7 months and payback period of 1 year and 4.2 months.