Abstract

This System Development Project provides the analysis, design, and implementation of a Home Video Rental & Retail System for Laser Wave Entertainment Group. The Analysis and design process cover the current problem definitions, information gathering and understanding of the existing system, the new system requirements, and address the areas for improvements. It also includes the design of new system with full detail presentation using dataflow diagrams, structure charts, file design, table design, hardware & software requirements, security controls, as well as, cost & benefit analysis in determining the feasibility of implementing the system.

The implementation portion of this project discusses the detail involved in coding, testing, conversion, training and system maintenance of the system.

The scope of the project concerns mainly with the acquisition of video for rental, as well as, retail purposes. Other activities include inquiry about movie title, making reservation request, file maintenance and report printout process. The new system is designed to be used in conjunction with a PC LAN computer network; using the main database system to support all daily operations. A working prototype of the system was first implemented using Microsoft's ACCESS Software package; it was later converted to Fox PRO.