

ABSTRACT

This system development project develops Video Rental Information System. The objective of this project is to improve the rental system to be more work efficiency, cost reduction, less time-consuming and increase business competition. One solution to achieve this objective is using System Analysis and Design Methodology. This methodology is one of the important techniques to support the information system development.

This methodology begins with studying an existing system. This study is to understand and analyze both business and technical problems of the existing system. The specified problem of existing system are redundancy in data and process, lack of statistics report for management decision making, some manual processes causing time consumption and less security control in data. These problems are also the obstacle to limit its business goal. The way to solve these problems is to improve the business process by launching new computerized system.

The critical activity of system design involves with user requirements. The requirement can be gathered from both end-users and management level of the company. So, this project attempts to design system to fulfill and support each requirement. The project also considers for the feasibility of the new system which appropriate its function and environment of company.

Using Feasibility Analysis technique is to evaluate the proposed system. This project uses this technique to measure of how beneficial in term of cost and profit trend of the new system. It is indicated that the profit is increased in the coming year although the development cost is rather high in the first year comparing with the existing system.

This new computer system consists of the access database, user interface and reports as the deliverables of this project.