

ABSTRACT

The study is undertaken at Somsak V.D.O. shop. The shop currently employs a manual based system serving the user. The manual system is time wasting to retrieve the information and there is much paper work. The scopes of the project cover customer data, renting process and inventory to improve data processing time and keeping the record up to date .

The existing system needs many workers to run the business because the data are kept on paper and the videos are kept by categories only so it takes time to search for movies then there will be high operating cost if compared to the proposed system which use computer system to keep database. The new system is designed to solve the problems found in the existing system and to satisfy the user with Graphic User Interface (GUI) technology which is easy for the user. The new system can speed up the processing of transactions to satisfy customer needs. The average transaction time to process tapes is 5 minutes. This time can be decreased to 2.5 minutes. The time it takes to process new members averages 10 minutes. This time can be decreased to 8 minutes. The cost analysis and cost comparison of the new system are based on the break-even analysis for determining the payback period which is illustrated in the graph on page 41. The proposed system will replace the existing system after the staffs have a hand-on training for a week.

To enhance effectiveness, the database system , the management should be developed further and extended to CD or DVD and laser renting and also extend to sales of tapes.