

ABSTRACT

The Electronic Catalog System was developed to replace the existing function of WR used car catalog company which currently sells their physical catalog in the competitive market. Due to the competition, WR used car catalog company needs to operate efficiently and effectively. The problems of the existing system are the shortage of materials, the insufficient quantity of stocks or some time too much in some period, the insufficient storage space, too much investment on the inventory, and the management cannot forecast or prepare an accurate purchasing plan.

This project is to transform the existing system which is manual into computerized. The computerized version is implemented using 10 base-T LAN with 1 server and 4 workstations. This will provide the electronic catalog system with rapid and immediate access to the system information. It also allows more up-to-date information for decision making process.

The project not only gives detail of structured analysis and structured design using many tools such as context diagram, data flow diagram, file specification, process specification and data dictionary but also provides the benefit and cost analysis. The proposed system takes about 1 year and 8 months before it can accumulate the earning sufficient to cover the cost of the investment performance more rapidly and more beneficially in both tangible and intangible benefits.