

## ABSTRACT

NK AutoPart is a small company located in Bangkok area. It sells various automobile spare parts, especially for truck and van. The company itself plays a role of intermediary that purchases the products from suppliers and sells them to customers, who can come to purchase directly at the company or make a phone call for delivery to their site. The customers may purchase on either cash or credit basis.

The existing system of the company is totally based on a manual system. There is no computer involved in any business processes. All the data are stored in the form of paper. In addition, management does not receive any report to help them in decision making because data is difficult to be collected. Recently, the company realized that the existing system has encountered many problems and found out that the existing system should be replaced with a computerized information system in order to eliminate or reduce the problems that occur in manual system and to enhance the company's capability to interact more effectively with both customers and suppliers.

The new computerized information system will be developed to replace the manual system. All data will be stored in the central database at server using Microsoft Access 2002 as database management system running on Microsoft Windows 2000 Server. User interface design is developed using Microsoft Visual Basic.Net and installed on each client workstation. The new computerized system is found to help the company to reduce the number of staff, cost of stationery, and eliminate or reduce any problems existed in manual system, and also provide the management with various reports for decision making.