ABSTRACT

This project covers the analysis, design and implementation of an information system for CPK Trading Co., Ltd. The scope of this project covers the inventory and purchasing section and its related activities. The problems of existing system are product storage, items missing or misplaced, too much quantity in stock for some period of time but insufficient at the others, many document and documents processes.

To analyze the existing system and to design the new computer system to meet the expectation and requirements of the executives, to give up-to-date information to the management and customers and suppliers in time, the new computerized system will provide the efficiency and effectiveness for the inventory and purchasing control. A new computerized system for the purchase section is designed to replace the existing manual system. It is expected to provide the inventory and purchasing information rapidly and allow immediate access to the information. Moreover, it provides the convenience and fast services for recording, finding or reporting the purchasing and inventory information.

The study of this project begins with problem definitions and existing system analysis. By using tools such as data flow design diagrams to describe the information flow, the new system can be designed to solve the limitations and to meet users' expectations. It will solve the problem of manual system and decrease the high maintenance cost.