

## **ABSTRACT**

This project involves with the analysis, design and implementation of the computer information system of JEM Construction Co., Ltd.. The scope of project covers the personnel and purchasing functions.

The study of this project begins with requirement definitions and analysis of the existing system by using Structured tools such as data flow diagrams, etc. The new system is designed to solve the problems found in the existing system and to satisfy the management in decision-making by providing the necessary documents. The problems in the existing system are specified and clarified in this project. The system is implemented in Foxpro programming language running on small Local Area Network with a few personal computers. The proposed computer systems are designed to be ease of use. Learn to use the new system is not too difficult. The users will have a hand-on training for a few weeks. The new system will run in parallel with the existing (manual) system until the users feel confident with the new system. Gradually, the new system will overcome the problems of the company that this project trying to solve for.