ABSTRACT

This system development project presents the analysis, design, and implementation of the sales and inventory information system for restaurant business. The system is developed for Cutting Edge Cuisine Restaurant. The main objective of the development is to create a new system that allows the company to control its sale and inventory.

The study of this project begins with the study of the existing system which is done manually. Then, the requirements determination is done by using the structure methodology such as data flow diagram, entity relationship diagram, etc. The main problem of the existing system is that gathering information for decision making is complex and time consuming. In worse case, some information can not be obtained. This leads to business loss.

The new system is designed to capture the data and transactions, which occurred in daily business operation concerning sales and inventory in the restaurant, and then analyze them to support decision making of the management team. According to the objectives defined with the management team that requires a low cost microcomputer-based information system, the hardware and software used are based on client-server architecture, which is mature in technology. So, the costs and benefits of the new system are acceptable, with the break-even point of 2 years and the payback period of 2.5 years. The Graphic User Interface (GUI) will allow management teams to monitor and analyze information through their workstations without waiting for the report from the operation level.

The proposed system will run in parallel with the existing system until the users feel confident with the new system.