

ABSTRACT

5-Kitchens restaurant is a small sized restaurant located in Bangkok. The existing Information System of the restaurant is based on a manual system. All the data are stored on paper. Many staff members are required for information collection, and face general problems of a manual system which is very error-prone. Loss of data and high maintenance costs are also the common problems of the current system.

A proposed information system is developed to replace the manual system in order to eliminate all the manual problems such as human errors and duplicate of works. Since 5-Kitchens restaurant is in service business industry, rapid speed and reliability are the main factors for running the business. The ability to share and send information to the right person at right time and place will help the restaurant save more time, cost, paper as well as communication.

All data and information are kept in file and database server, Microsoft SQL Server 2000, which run on Microsoft Windows XP Professional Edition, and are accessed through the clients, Microsoft Windows XP Professional Edition. The user interfaces, moreover, are implemented using Visual Basic.

The proposed database application system, Private Area Network (PAN), PDA and the software ordering and reservation system are found to improve the existing operations, and solve all vital problems occurred in the manual system. The proposed system is found to reduce the time to operate the ordering and reservation management and decrease the high maintenance cost.