

## ABSTRACT

St. Francis Xavier Convent School runs under the direction of the Sisters of St. Paul de Chartres in Thailand. It was established in 1925 in Samsen District Area, Bangkok, Thailand.

This project provides the system that is used to manage the work flow in the firm and an analysis tool for data analysis. With this system the manual system can be replaced. It can help the company to store the data into the database and the executives can also use these data for making decisions and a marketing plan. This development project covers the scope of problems, system analysis and design, and project implementation. The knowledge of database management, web application and OLAP technology are integrated for system development. Interbase 6.0 server and Visual Studio 2005 are the tools that are used to create this system. In analyzing this system, the Analysis Services that is the component of Interbase 6.0 server will be used to get high analysis performance. Nonnal reports and OLAP reports are generated by Crystal Report to get a proper report format for viewing and printing. Moreover, the network of the proposed system is a wireless network that is easy to install.

Therefore this project is useful for the company to save the utility cost, and improve the efficiency of staff to serve customers. Moreover, the executives can make use of the information kept in the database to help the organization.