

ABSTRACT

Vhh Limited Partnership is a company, which conducts civil construction business. Its products can service the wide range of civil facilities, nevertheless the company may hire sub-contractors to make a few parts of whole process. The company services both government section through private corporate section. The company's opportunities are from personal relations or from nearby geophysical factors near its province. Company communications between campsites use normally communicated tools as telephones. The corporation can connect to the campsite as a Corporate Node. In order to control the Corporate Node services, a lot of processes are required, and it has to deal with several departments. Therefore, this project is to develop the effective information system to facilitate the process of Corporate Node service.

The current and existing Corporate Node Information System is based on manual and some computerized systems. Most data are stored on paper, while some parts are kept in Microsoft Word, and stored in personal computer files. It requires many operational staffs to maintain the system, and has to face general problems of a manual system, which are having a high maintenance cost.

The new proposed Information System will be developed to replace the manual and some computerized information systems with Intranet system which we call Internal Network Communication System. All data are kept in the database server, Microsoft SQL Server 6.5, and are accessed through the web server, Microsoft Internet Information Server 3.0 on Microsoft Windows NT 4.0. The user interfaces, moreover, are implemented on web browser, Microsoft Internet Explorer. It will reduce the number of administrative staffs, solve the problems of the manual system and decrease the high operation costs. This anonymous system can welcome customers who are interested in constructing infrastructure to study service via the company's web site.