

ABSTRACT

The Wireless Application Protocol (WAP) is the de-facto world standard for the presentation and delivery of wireless information and telephony services on mobile phones and other wireless terminals. Users can connect to the WAP sites and find the information they need or doing some data processing process from their wireless device that makes them more convenient than using desktop PC. Therefore, this project is to develop the system to provide the new channel to do the class pre-registration process of university by wireless terminal devices.

The current existing class pre-registration System is based on the web and extranet application on workstation PC. Most of students that would like to do the registration process must connect their computers to the university's network, while some students must come to the university and use the university's computer. It requires expensive PC and complex procedure of computer configuration, and has to face the general problems of portability, which are inconvenience and having a high cost.

The new WAP System can be developed to both integrate and replace the existing system since this project scope only for wireless application and doesn't include the integration method to the existing system. All data will be kept in the server that uses Microsoft Access 2000 as database management system, and are accessed through by WAP server, Microsoft Internet Information Server 5.0 on Microsoft Windows 2000 Service Pack1. The user interfaces, moreover, are designed and implemented for WAP browser, mobile phones or wireless devices. It will reduce cost of user's computer and easier to do the configuration. It is also more portable than the PC system.