ABSTRACT

The wireless communication industry has seen rapid growth in the past several years. At the same time, the rapid emergence of the internet has changed the people lifestyle and the way they look at computers. People have become more and more dependent on the information that is available on the internet, and they will increasingly want to access the internet also from mobile, wireless devices. Today technology trend is moving towards mobile e-mail, enabling e-mail could be received anytime and anywhere.

Push mail, e-mail system providing always-on capabilities, in which new e-mail is instantly and actively pushed as its arrives at the mail server to the mail client, includes cellular phone device that support this technology. Hosting server usually facilitate mail server that supports **POP3** and **IMAP4** protocol, which both has the ability to fetch e-mail from mail server and send it to users device. This service usually available for their clients. Those server obviously has 24-hours maintenance control, Public IP and technical support that can be rely on.

The final project would need application for mail server, in this case **Professional Hosting Server**, and for user handset so it could run push mail. Mail server application use Servlet. Application for client would be made using **J2ME** programming language and would be compatible with Java supported devices.

Key words: Push Mail, POP3, IMAP4, Professional Hosting Server, J2ME