ABSTRACT

Instant Messaging Services (IMS), representing a technology of real time so that user as direct communicate with the other user. Instant Messenger (IM) designed to be kept in touch by IMS server so that earn any time accept the message addressed at user or on the contrary used any time to send the message to other user IM.. In this time, a lot of handphone with the facility of instant messaging with the protocol of Wireless Village which not IETF standard and only specifies for mobile device. Others, protocol XMPP (Extensible Messaging and Presence Protocol) representing standard IETF as technology of instant messaging.

This final Project has developed instant messaging with the protocol XMPP integrated with the media of mobile device, Handphone, the main function for Instant Messaging like Sign In, Show Roster, Send Message, Receive Mesage and Sign Out can be going on.

The response time login process, send message and receive message in this application as like with other Instant Messaging Application even faster than Instant Messaging Application for handphone with Wireless Village protocol. The cost for login process, send message and receive message in this application cheaper than Instant Messaging Application for handphone with Wireless Village protocol.

Keyword : instant messaging, handphone, xmpp, xml, j2me