ABSTRACT

Internet network have expanded and has been used widely as network of communications and global information in the world. As the growth of Internet is very fast, The Wireless Instant Messaging (WIM) has grown rapidly as well. The WIM is mobile messaging service based on mobile Internet. Because it need an instant response from the operator. This service is nearly real-time. Application with this characteristic, WIM service is tried to be applied in wireless mobile network.

The wireless instant messaging enables user to see information at the moment, share content, send direct messaging, and joint into chats community which there are in mobile communication devices without seeing its maker factory. This characteristic has been enriched with existence of *Presence* service. Essentially, *Presence* means two things which are "user inform status to others" and "others inform status to user". Status here contains information status of terminal online or not, user ready contacted or not, if readying contacted to wish method contact such as what, location of user moment contacted, ability from terminal which user use even also we can know with existence of *Presence* information.

At this Final Project, the visualization of sending Instant Messaging and Presence Service mechanism using was implemented Flash Macromedia MX, how presence information support WIM, things supporting both appear in mobile terminal, and also how far both applicable in wireless mobile network by doing visualization of sending service mechanism based on existing concept and the writer observation theoretically literature.

Keywords: Instant Messaging, Presence, GPRS Network