ABSTRACT

One obstacle in knowing the blood supply to a city is not hers blood vessel availability of information needed by the public and hospitals and also the lack of information systems still manual. So it takes a blood bank information systems to assist in finding new blood condition that existed at PMI Bandung.

At this final project to make web-based software applications and also use the app to enhance smsgateway blood bank information system built by the author. In making use of web applications using xampp and PHP scripting language (hypertext preposition) and for smsgateway use gammu applications and Sony Ericsson K800 mobile phone.

The results of this application, is a blood bank information system is integrated with a web smsgateway. Response speed web access when accessed by a user obtained results 2000 Kbps 19.70 (Server Down) and 410ms for response time with an error rate of 100%. For MOS obtained from 30 correspondent is in terms of the value of the benefits of 3.2, which means the quality is good, for user convenience by 2.9, while web search system to display blood obtained 2.7, the next in terms of completeness menu for 2, 6 and in terms of access speed of 2.9 which means that the web can be assessed overall quality is fair.

Keywords **: *blood*, PMI, web dan *smsgateway*.**