

ABSTRACT

The Hospital Information System with Web-Based GIS was created by sight of the geographical condition of Indonesia, also because of the large number of hospitals that are not balanced by any means to monitor the situation in each hospital. So the feasibility and availability of facilities cannot be precisely known.

This web was created using Geographic Information System which is a computer-based information system that is used to spatially referenced data. And as the map view will use maps from Google Map. While in the making, the web user interface is using HTML programming language and also codeigniter as a programming language.

As a result, this final project is a functional web as a tool for monitoring the hospitals determine the feasibility of hospitals and facilities available in them, and to know that a lot of cases handled in house hospital so he could be taken further action. With the success of the final project benchmarks is to perform tests on all the features available in the web and MOS as additional benchmarks. From the results of testing that has been done, it can be concluded that the information system is said to be quite worthy from the average results of the questionnaire questions were more than equal to three, and the maximum number of visitors to the site are 500 visitors obtained from testing using webservers stress tool.

Keywords: Information Systems, Geographic Information Systems (Geographic Information System), Mapserver, web