WEB DESIGNING FOR INFORMATION SYSTEM OF UNIVERSITIES IN SURABAYA USING MAPSERVER

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Abstract

The information technology has developed so fast. One of its results is the internet.

Exploiting the internet, this research was designing a web information system to display the information of all universities in Surabaya using MapServer MS4W 1.0.1. The map configuration is compiled using MapServer’s syntaxes. The web page is designed using PHP/MapScript, JavaScript and the HTML scripting language.

The result from this research shows MapServer can displays web information system using Internet Explorer. Which is can be proved with the matches between the layout of the web information system with both of map configuration and the web pages. This research also shows that MapServer MS4W 1.0.1 able to read the 2 dimensional polygons (polygon) from the shapefile data. Database components which were shown are include name, address, telephone, fax number, email, homepage, department list and university’s picture. East Surabaya has 42 universities, West Surabaya has 3 universities, North Surabaya has 1 universities, South Surabaya has 18 universities and Central Surabaya has 5 universities.

Keywords: Web, Universities, MapServer