THE IMPLEMENTATION OF MASHUP TECHNOLOGY FOR WEB BASED TOURISM APPLICATION NUSANTARAVIEW : BLOG & NEWS AND FACEBOOK MODULE

Name : M ROHMATULLOH S
NRP : 5205 100 027
Department : INFORMATION SYSTEM FTIF-ITS
Supervisor : NUR AINI RAKHMAWATI, S.Kom,
            M.Sc.Eng
            BEKTI CAHYO HIDAYANTO, S.Si.,
            M.Kom

Abstract

The tourism object information are needed by tourist candidates. On the other hand, most of tourism sites in Indonesia still provide static and not actual tourism information or review.

To overcome these problems, a web-based tourism application called NusantaraView was created. This application is developed using the Joomla! CMS and supported with Mashup technology. The concept of Mashup technology is mixing up data from various sources via RSS, feeds, or API, and then displaying it in a new form of information. This final project implements Mashup technology to develop a feature for searching information about reviews and news of Indonesia tourism objects. Those reviews and news are taken from Wikipedia, WordPress blog, online news sites and Facebook. Mashup on Blog and News is wrap up using Yahoo! Pipes. While mashup on Wikipedia and Facebook is done through their respective API.

The outcome of this final project is a Joomla! component that provides an information about Indonesian tourism object reviews and its news. By using Mashup technology, this Joomla!
component does not need database because the data is taken directly from the internet.

Keyword: Mashup, Tourism Application, NusantaraView, Blog, News, Wikipedia, Facebook, RSS, Feed, API.