ABSTRACT

USABILITY ANALYSIS OF FACULTY IS WEBSITES AT LAMPUNG UNIVERSITY USING SAW AND TOPSIS METHODS

BY

NECIA RACHMA PUTRI

Websites that provide important information about tertiary institutions because web sites that provide information about college academic activities. Usability is a quality attribute that evaluates the level of ease of a website's user interface. The use of the faculty website at Unila has never been revised before. The websites that will be analyzed in this study are 8 faculty websites at the University of Lampung and the usability criteria used is accessibility, customization and personalization, download speed, ease of use, errors, navigation, and site content. The method used to crawl 8 faculties' websites is SAW and TOPSIS. The results of this study are ranked 8 faculties at the University of Lampung in terms of website usability using the SAW and TOPSIS methods.

Keywords: Website, usability, usability criteria, SAW method, TOPSIS, ranking, faculty.

ABSTRAK

ANALISIS *USABILITY WEBSITE* FAKULTAS DI UNIVERSITAS LAMPUNG MENGGUNAKAN METODE SAW DAN TOPSIS

OLEH

NECIA RACHMA PUTRI

Website berperan penting pada perguruan tinggi karena didalam *website* berisi informasi tentang kegiatan akademik perguruan tinggi. *Usability* adalah sebuah atribut kualitas yang menilai tingkat kemudahan *user interface* sebuah *website*. *Usability website* fakultas yang ada di unila belum pernah dianalisis sebelumnya. *Website* yang akan dianalisis pada penelitian ini adalah 8 website fakultas di Universitas Lampung dan kriteria *usability* yang digunakan adalah *accessibility*, *customization and personalization*, *download speed*, *ease of use*, *errors*, *navigation* dan *site content*. Metode yang digunakan untuk merangking 8 website fakultas ini adalah SAW dan TOPSIS. Hasil penelitian ini adalah peringkat 8 fakultas di Universitas Lampung ditinjau dari usability website menggunakan metode SAW dan TOPSIS.

Kata kunci: *Website, usability*, kriteria *usability*, metode SAW, TOPSIS, peringkat, fakultas.