

ABSTRACT

The college accreditation is mandatory as a government claim to the educational institutions to improve the quality of higher education. The current management of accreditation data on Computer Engineering Department is less efficient and effective because it still uses manual system. Based on that issue, the author will create a tool in the form of a website-based accreditation information system for managing, storing, and integrating data. The method used is User Centered Design to develop a website-based information system interface, Relationship Database for database development, and relational algebra for reporting analysis. The results of the development of the APS 4.0 standard-based web application accreditation form using User Centered Design, but the display is less intelligible to users and testing of APS 4.0 form Application Systems using System Usability Scale. The results of System Usability Scale scores on the website-based accreditation information System of 64.16, the score indicates that the website-based accreditation information system is included in the category Marginal High with D grade and Ok rating.

Keywords: accreditation information system, usability, user centered design