

ABSTRACT

School is one of important institutions in pursuing education and shaping the criteria along with the character of children and young people in the future. For this reason, structured and accurate information are needed about the good and proper side of a school so that it has a positive impact on the views of the surrounding community and outside. Currently, web-based information services have become a tool of receiving general information for the general public, especially for young people and adolescents. Based on that information, a research and redesign are conducted to website of SMAN 1 Tambang, which is located in Kampar Regency, Pekanbaru. Currently, SMAN 1 Tambang wants to make an update on the school's website so that the information displayed can fulfill users's needs. Based on the results of the analysis and interviews, the implementation of the school's website is still far from good in terms of the website interface, this is due to the unfulfillment of user needs and deficiencies in the appearance of the website design. Therefore, User Centered Design method is applied in redesigning the user interface as the main method. In addition, the test is assessed based on usability testing which consists of ease of use, ease of learning, usefulness, and satisfaction. Based on the results of the study by implementing the User Centered Design and the design rules of the HHS Guidelines, a significant increase in the usability value was obtained from the initial value compared to the final value. This is evidenced by the final results of usability testing which reached a value of up to 75.52% which is quite high compared to the initial usability value of only 47.57%, so that the redesign activity can be interpreted as meeting a good quality usability standard for users.

Keyword: SMAN 1 Tambang website, user interface, persona, usability testing, HHS Guidelines, User Centered Design