ABSTRACT

Politeknik Kesehatan Medan repository website is a platform for storing documents such as scientific papers, journals, theses, and more. The reason for choosing Politeknik Kesehatan Medan repository website for analysis is that the user experience level is still low, with a System Usability Scale score of 56.08. This score is still below the minimum value, which should be 70. The User-Centered Design method and System Usability Scale as usability testing are methods used to address existing issues and redesign according to user needs. Subsequently, an analysis was conducted, revealing that the System Usability Scale score was above the minimum value at 79.58, with an adjective rating of "Good," which falls within the "acceptable" category on the acceptability ranges. As a result, Politeknik Kesehatan Medan repository website has successfully improved its functionality to be better than before. It is hoped that this research will facilitate website users in understanding and using Politeknik Kesehatan Medan repository website. The redesigned website can help users easily search for scientific writings with various features and allows for direct interaction with the website admin in case of any issues.

Keywords*: Repositori Website,* Politeknik Kesehatan Medan*, User-Centered Design, System Usability Scale*