

Evaluasi Dan Re-Design Website Cdc Politeknik Negeri Jember Menggunakan Metode Human Centered Design Dan User Experience Questionnaire

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ABSTRACT

This paper presents an evaluation and redesign of the website of CDC Politeknik Negeri Jember using the Human Centered Design (HCD) method and the User Experience Questionnaire (UEQ) with 99 respondents. The initial UEQ score showed a "bad" user experience before the redesign. After the redesign, the UEQ score improved significantly to "excellent". The redesign process followed the HCD method, which emphasizes the needs and preferences of users, and involved several stages such as user research, prototyping, and usability testing. The UEQ was used to evaluate the user experience before and after the redesign. The UEQ measures six aspects of user experience, including attractiveness, perspicuity, efficiency, dependability, stimulation, and novelty. The post-redesign UEQ score indicated that the website's new design improved the user experience in all aspects. In addition to the UEQ, a Maze test was conducted to evaluate the website's usability. The Maze test results showed a Mission Usability Score of 100, indicating that users were able to complete their tasks successfully and efficiently. In conclusion, the evaluation and redesign of the CDC Politeknik Negeri Jember website using the HCD method and UEQ resulted in significant improvements in user experience and usability. The HCD method provided a structured approach to understanding user needs and preferences, while the UEQ and Maze test provided quantitative measures to evaluate the effectiveness of the redesign.

Keywords: evaluation, redesign, website, Human Centered Design, User Experience Questionnaire, Maze test, usability, user experience.