

Design, User Experience, and Usability: Interactive Experience Design

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Heuristic Evaluation of University Institutional Repositories Based on DSpace

Abstract

The number of Institutional Repositories (IRs) as part of universities' Digital Libraries (DLs) has been growing in the past few years. However, most IRs are not widely used by the intended end users. To increase users' acceptability, evaluating IRs interface is essential. In this research, the main focus is to evaluate the usability of one type of IR's interface following the method of Nielesin's heuristics to uncover usability problems for development purposes. To produce a reliable list of usability problems by applying the heuristic evaluation approach, we examine the impact of expects and none's one the reliablity of methods. The results of applying the heuristic evaluation show that both experts and none experts can uncover usability problems. We analyzed the differences between these types of assessors in this paper. Experts tend to reveal more serious problems while novices uncover less severe problems. Interestingly, the best evaluation is a novice who found at 1 of who found at 10 of the university by the contraction of the evaluation of the contraction of the evaluation is an expert. Also, the frequency of each violated heuristic is usual to use to los assigned printy to the uncovered usability problems as well as the severity level. The result of the heuristic evaluation is used to be uniformly through improving the user interface and encouraging users to use the library services.

Keywords

Human computer interaction Heuristic evaluation Digital libraries Digital repositories Institutional repositories Usability problems Scholarly output Dspace

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About this Chapter

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