

Assessment of the Web-based Comprehensive Librarianship Software: Pars azarakhsh, Nosa, and Namayeh in Information Retrieval

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Abstract

Purpose: Since information storage and retrieval is among fundamental tasks of libraries and information dissemination centers, finding proper software in this field is of high significance. The purpose of the present study is to evaluate web-based librarianship software *Pars azarakhsh*, *Nosa*, and *Namayeh* in information retrieval.

Methodology: The present study is an applied one. Its methodology is observation, using a checklist composed of 84 criteria for measurement, investigation, identification, and evaluation of the research dimensions. Furthermore, we took advantage of opinion of LIS experts and if necessary, software providers were also interviewed.

Findings: The status of the library software under study was analyzed in 5 features, including search option, search formula, possibility of different search types, displaying results, and displaying auxiliary facilities (Help). The obtained results indicated that regarding the criteria studied in this research, the software *Nosa*, *Pars azarakhsh*, and *Namayeh* ranked 1st, 2nd, and 3rd, with scores 93.34%, 82.55%, and 51.35% of total scores, respectively.

Originality/Value: Besides presenting a checklist for evaluation of the information retrieval status in library software based upon previous studies and experts' opinion, the present study provides the possibility for users of these software and similar ones to make a better decision. It also assists the software providers to resolve the present weaknesses and reinforce the strengths and moreover get familiar with existing criteria and components in this field and their degree of importance and make use of them in their future productions.

Keywords: Library software; Information retrieval; Library Evaluation criteria.