CITATION ENDORSEMENT FRAMEWORK FOR DIGITAL REPOSITORY

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MASTER OF SCIENCE IN INFORMATION TECHNOLOGY
UNIVERSITI UTARA MALAYSIA
2016
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Abstrak


Kata kunci: perkongsian maklumat, mencari maklumat, repositori digital petikan pengendorsan
ABSTRACT

Digital repository is one of the useful platform to manage digital materials especially conference proceedings. To date, conference proceedings have been published as printed and digital versions, the digital version has been stored in digital repository and the citation information of each article is collected. The limitation of the existing model is that the citation is automatically retrieved from certain databases and the other authors of that article who have information about the citation cannot update the information in to the repository. Therefore this study proposed citation endorsement framework for digital repository. Rapid application development (RAD) was used for the system development and interview were done to get the expert review of the system. The thematic analysis of the expert review shows that the participants agreed that the new digital repository can improve the citation indexing by allowing the author to update the citation information.

Keywords: information sharing, information retrieval, digital repository, citation endorsement
Acknowledgement

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<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>API</td>
<td>Application Program Interface</td>
</tr>
<tr>
<td>ARL</td>
<td>Association of Research Libraries</td>
</tr>
<tr>
<td>ATU</td>
<td>Attitude Towards Usage</td>
</tr>
<tr>
<td>BI</td>
<td>Behavioral Intention</td>
</tr>
<tr>
<td>CSS</td>
<td>Cascading Style Sheets</td>
</tr>
<tr>
<td>DFD</td>
<td>Data Flow Diagram</td>
</tr>
<tr>
<td>DOIS</td>
<td>Digital Object Identifier</td>
</tr>
<tr>
<td>EDI</td>
<td>Electronic Data Interchange</td>
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<tr>
<td>HTML</td>
<td>HyperText Markup Language</td>
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<td>IP</td>
<td>Internet Protocol</td>
</tr>
<tr>
<td>JSPS</td>
<td>Java Server Pages</td>
</tr>
<tr>
<td>LDAP</td>
<td>LightWeight Directory Access Protocol</td>
</tr>
<tr>
<td>PBC</td>
<td>Perceived Behavioral Control</td>
</tr>
<tr>
<td>PEU</td>
<td>Perceived Ease of Usage</td>
</tr>
<tr>
<td>PU</td>
<td>Perceived Usefulness</td>
</tr>
<tr>
<td>RAD</td>
<td>Rapid Application Development</td>
</tr>
<tr>
<td>SOC</td>
<td>School of Computing</td>
</tr>
<tr>
<td>TAM</td>
<td>Technology Acceptance Model</td>
</tr>
<tr>
<td>UML</td>
<td>Unified Modeling Language</td>
</tr>
<tr>
<td>UTAUT</td>
<td>Unified Theory of Acceptance and Use of Technology</td>
</tr>
<tr>
<td>Acronym</td>
<td>Description</td>
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<tr>
<td>---------</td>
<td>-------------------------------------------------</td>
</tr>
<tr>
<td>UUM</td>
<td>Universiti Utara Malaysia</td>
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<tr>
<td>WDL</td>
<td>World Digital Repository</td>
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<tr>
<td>CORA</td>
<td>Coriolis Ocean database ReAnalysis</td>
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CHAPTER ONE

INTRODUCTION

1.1 General Overview

A digital repository is a mechanism for managing and storing digital content. Repositories can be subject or institutional in their focus. Storing content into an institutional repository allows staff and institutions to manage and preserve that record and so they expand full value from it. A repository can support research, learning, and administrative processes. Repositories use open access to certify that the content they contain is available and that it can be searched and retrieved for future use. The use of these established open accesses allows mechanisms to be set up which import, export, identify, store and retrieve the digital content within the repository (Marshall, 1997).

Digital repositories might contain an extensive variety of content for a different purposes and users. The kind of record goes into a repository is presently less a matter of technological or software ability, and more a policy choice made by each institution or administrator. Usually records can include research results such as journal articles or research data, e-theses, e-learning materials and teaching objects, and administrative data. Some repositories only take in particular materials such as theses or journal papers, while other repositories look for to gather any credible scholarly work produced by the institution.
The contents of the thesis is for internal user only
References


Van Leeuwen, T., Moed, H., Tijssen, R., Visser, M., & Van Raan, A. (2001). Language biases in the coverage of the Science Citation Index and its consequencesfor
international comparisons of national research performance. Scientometrics, 51(1), 335-346.

