

**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**

Repositori digital adalah salah satu platform yang berguna untuk menguruskan bahan-bahan digital terutama persidangan prosiding. Setakat ini, prosiding persidangan telah diterbitkan sebagai versi cetak dan digital, versi digital telah disimpan dalam repositori digital dan maklumat nukilan setiap artikel dikumpul. Had model yang sedia ada ialah petikan secara automatik diambil dari pangkalan data yang tertentu dan yang lain dari pengarang artikel yang mempunyai maklumat mengenai pemetikan tidak boleh mengemaskini maklumat yang masuk ke tabung. Oleh itu kajian ini mencadangkan rujukan rangka kerja sokongan untuk repositori digital. Permohonan pembangunan Rapid (RAD) telah digunakan untuk pembangunan sistem dan temu bual telah dilakukan untuk mendapatkan kajian pakar sistem. Analisis tema kajian pakar menunjukkan bahawa peserta bersetuju bahawa repositori digital yang baru boleh meningkatkan perkongsian maklumat aktif.

**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**

### **In the Name of Allah, the Most Gracious and Most Merciful**

First and foremost, all praise to Allah for providing me with the strength, perseverance, and wisdom to have this work done.

I would like to express my deep and sincere gratitude to my supervisors, Mr. Wan Hussain Wan Ishak and Dr. Norliza Katuk for the patience, humble supervision and the advice I received from them in the course of this dissertation. The supervision and support that they gave me truly helped the progression and smoothness of this research. Furthermore, I would like to thank my lovely parents, Sa'id Ghedi and Anab Einte. They were my role models and the best example for me to follow in my life. They never stop supporting me through my whole life and without them I would have never been what I am today. I would also like to thank my brother Mohamed Sa'id and my sister Muna Sa'id for supporting me financially and morally.

Last but not least, I want to thank my cousins, Jamiilo Ahmed, Abdul Kadir Shekh ali, Maryan Shekh Ali, and Fadumo Shekh Ali for their constant demonstrations of love and nonstop moral and financial support throughout my years of study.

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## List of abbreviations

API	Application Program Interface
ARL	Association of Research Libraries
ATU	Attitude Towards Usage
BI	Behavioral Intention
CSS	Cascading Style Sheets
DFD	Data Flow Diagram
DOIS	Digital Object Identifier
EDI	Electronic Data Interchange
HTML	HyperText Markup Language
IP	Internet Protocol
JSPS	Java Server Pages
LDAP	LightWeight Directory Access Protocol
PBC	Perceived Behavioral Control
PEU	Perceived Ease of Usage
PU	Perceived Usefulness
RAD	Rapid Application Development
SOC	School of Computing
TAM	Technology Acceptance Model
UML	Unified Modeling Language
UTAUT	Unified Theory of Acceptance and Use of Technology

UUM	Universiti Utara Malaysia
WDL	World Digital Repository
CORA	Coriolis Ocean database ReAnalysis



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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.

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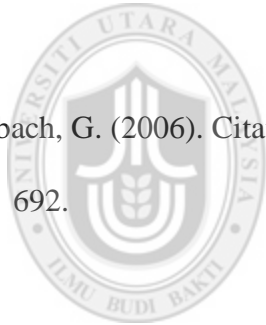
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