

UNIVERSITI TEKNOLOGI MARA

**A CONTENT BASED TAXONOMY OF THE
DOCUMENT REPOSITORY ON ICT
PROJECTS TECHNICAL APPROVAL FOR
HIGHER EDUCATION INSTITUTIONS**

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IT Project submitted in partial fulfillment
of the requirements for the degree of
Master of Science in Information Technology

Faculty of Computer and Mathematical Sciences

January 2016

AUTHOR'S DECLARATION

I declare that the work in this IT Project was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the results of my own work, unless otherwise indicated or acknowledged as reference work. This IT Project has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Post Graduate, Universiti Teknologi MARA, regulating the conduct of my study and research.

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ABSTRACT

The document is the main mechanism of or in carrying out the business of an organization. In the Government, the document played an important role in the management and the basis for the people reliability to public service. Integrity can only be disclosed when the records are complete, authentic, easily accessible and usable. However, this is often underestimated in which affects the Government agencies where documents are often not found when needed and become tacit knowledge to some staff. Therefore, this study uses the taxonomy as a form of classification to improve the management of documents in order to become more effective and efficient with knowing the location of important document in which they can be reached easily and quickly. The content based taxonomy on ICT projects technical approval for Higher Education Institutions in the Ministry of Higher Education Malaysia (MOHE) were used as case study. Ten (10) content classifications have been identified and used to develop a taxonomy in the form of a matrix. To verify the taxonomy, expert verification from MOHE was obtained and prototyping was developed. The web based prototype has been developed to get the information and documents related to ICT projects technical approval through content classification as a search field. The study confirm that content based taxonomy can be used as another form of classification, knowledge inventory, and thus making explicit knowledge. In addition, the taxonomy can also use as tools in the document or information searching.

ACKNOWLEDGEMENT

Greatest gratitude to Allah S.W.T. with His willing this research is successfully completed. I am indebted to everyone who supported me throughout the process in completing this project.

Firstly, I would like to dedicate appreciation to my beloved lecturer, Assoc. Prof. Dr Haryani Haron for all assistance, advice, guidance, encouragement, new ideas and invaluable support given in completing the task. Thank you to the coordinators, all my lecturers, academic and administrative staff of the Faculty of Computer and Mathematical Sciences, Universiti Teknologi MARA for all your teachings and support.

Not forgetting very special thanks to all staff of the Information Management Division, Ministry of Higher Education Malaysia (MOHE) especially ICT Policy Unit, who have been very cooperative, supportive and helped me in giving information about this topic. Last but not least also to friends colleagues of Master of Science (Information Technology) for their support and encouragement during the process of completing this research.

I would like to dedicate this project success to my lovely husband, Mohd Faizal Bin Burhoroldin and my children for being very supportive, understanding and being there whenever I face difficulties to share with. Thanks also to my parents and family for all their support and courage towards my success. Without their personal sacrifices and being a constant source for encouragement, especially in the final stages, this report would not have been possible.

Finally, thank you to all individuals who directly or indirectly involved in this research.

Thank you.

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