# Universiti Teknologi MARA

# Concept and Implementation of Integration Templating for uPortal Environment

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Thesis submitted in fulfillment of the requirements for
**Bachelor of Science (Hons) Information System Engineering**
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Approval

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This thesis was prepared under the direction of supervision of thesis advisor, Puan Wan Nor Amalina binti Wan Hariri, Department of Information System Engineering, and it has been approved by the supervisor, Encik Saharbudin Naim bin Tahir Shah. It was submitted to the Faculty of Information Technology and Quantitative Science and was accepted in partial fulfillment of the requirements for degree of Bachelor of Science.

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# Declaration

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This declaration is to certify that all of the submitted contents of this thesis are original in its stature, excluding those in which have been acknowledged specifically in the references. All the work processes involved are from my own endeavor and it has not been taken or done by unknown sources or individuals. I, Mohd Firdaous bin Mohd Yousof (Identity Card Number: 820608-01-6857) hereby declare that I am responsible for the contents of this thesis as it had been submitted as part of fulfillment of Bsc. (Hons.) in Information System Engineering program.

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# Abstract

The usage of portal become popular through the introduction of Yahoo!. Yahoo! provide the ability of each of its user to personalize their account; by uploading and installing pictures in their account. After the success of Yahoo!, there have been many portals being develop and publish in the Internet. Some of the commercial portal published and attracted the most users are portals such as Myspace.com and Friendster.com. Enhancement of the old existing portal so it can be used in universities and academic institutions are being promoted by JA-SiG through the development of uPortal.

uPortal provide the requirements and features needed by every universities and institutions in their organization's environment. From the comparison of uPortal and other portals that can also be implemented in UiTM, uPortal proven to be the most suitable because of its characteristics and provided modules. It also provides personalization for each and every group or individual through the integration of templating within the portal. Personalization of viewing may allow the user to be excited and comfortable of using the portal, thus allowing more information to be shared and repetitive use of the portal.

The research on Concept and Implementation of Integration Templating on uPortal environment will try to capture the requirements for the concept in designing the template or theme for MyUiTM uPortal through the Personalization features provided. The prototype constructed will be then implemented in the real environment for the user usage.

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