Universiti Teknologi MARA

Extensible Website Solutions: Instant Creation and Publishing of Custom Academic Website

Zuraini Binti Ibrahim

Thesis submitted in fulfillment of the requirements for
**Bachelor of Science (Hons) Information Technology
Faculty of Information Technology And
Quantitative Science**

October 2004

i

DECLARATION

I certify that this thesis and the research to which it refers are the product of my own work and that any ideas or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

OCTOBER 11, 2004   ZURAINI BINTI IBRAHIM

                                                        2002325846

DEDICATION

I dedicate this writing to my wonderful husband, Faisal Adlin Bin Hj. Addenan, who is greatest! Your constant encouragement and love have carried me through the writing of this thesis paper. You truly are inspiration in my life and have broadened my visions and provided support well beyond anything I would have ever imagined. I love you very much!

ACKNOWLEDGEMENT

ABSTRACT

Internet is very important source of facility that helped people in the world to get information in conducting business and campus activities, banking transactions, to access sources of entertainment and to shop for goods and services. It has been used broadly by the societies or individuals and becomes one of the new technologies towards the year 2000. Website is one of the parts of the Internet. Today's, instant website is very new and yet becoming very popular among business organization and universities around the world to publish their information. Instant website can be developed and deployed instantly by almost anyone using website generator, without having to know any programming languages, computer design skills or database architecture. This paper presents the study on develop and publishing an instant academic website which can be customized by lecturer in proposing an instant website for lecturer in FTMSK. The Extensible Website Solutions: Instant Creation and Publishing of Custom Academic Website will be demonstrated through the 'FTMSK WebVille' project. It enables lecturers and students from a faculty to interact each other in the website. As a web-based system, the Iterative Development Methodology is chosen. This website contains information of the lecturer such as name, room number and telephone number, lecture notes, calendar, user poll, weblog, news (RSS) and so on. The objective of this system is to create a dynamic template that can generate all the lecturer's website and to facilitate the generation of a lecturer's web page by automating the code generation process where the lecturers no need to have any web programming languages and only need to input their relevant information into the template. There are the combinations of DHTML, PHP, JavaScript, VBScript, MySQL (as a database) and Flash plug-ins, which are selected to design an interactive interface and make it function properly.