REQUIREMENT MODEL FOR HATYAI TECHNICAL COLLEGE SOCIAL NETWORK LEARNING SITE

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UNIVERSITI UTARA MALAYSIA

2011

Requirement Model for Hatyai Technical College Social Network Learning Site

A project submitted to Dean of Research and Postgraduate Studies Office in partial

Fulfillment of the requirement for the degree

Master of Science (Information Technology)

Universiti Utara Malaysia

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ABSTRAK

Rangkaian Sosial telah menjadi elemen penting dalam budaya popular, media massa dan kehidupan seharian pelbagai lapisan masyarakat. Rangkaian sosial ini tidak hanya menyediakan kemudahan untuk orang awam berinteraksi dan mendapatkan maklumat, tetapi juga ia mendorong orang awam untuk menyumbang dan berkongsi idea. Disamping itu, penggunaan rangkaian sosial juga sangat sesuai untuk proses pembelajaran online. Rangkaian Sosial juga memainkan peranan penting dalam aktiviti "*instruction media*" dan pertukaran idea serta pengatahuan di antara para pelajar. Oleh hal yang demikian, kajian ini telah difokuskan kepada pembangunan laman rangkaian sosial pembelajaran khususnya dalam e-Forum, Chat Room, dan Web-blog sebagai sumber bantuan pembelajaran untuk Hatyai Technical Collage (HTC). Pembangunan prototaip dan juga pengumpulan maklumat biasanya di lakukan untuk memastikan keperluan pengguna tercapai *"Storyboard"* (papan cerita) telah direka untuk menunjukkan antaramuka (interface) website yang dibangunkan. Perisian Joomla 1.5 merupakan applikasi yang telah digunakan dalam merekabentuk antaramuka pengguna. Fasa pengujian penggunaan aplikasi telah dilaksanakan pada peringkat terakhir pembangunan prototaip ini. Fasa pengujian dilakukan dengan menggunakan teknik temuramah dikalangan para pelajar Hatyai Technical Collage (HTC). Keputusan dan hasil temuramah menunjukkan bahawa kajian ini telah berjaya mencapai objektif yang telah ditetapkan. Oleh hal yang demikian, keputusan kajian ini boleh disimpulkan bahawa laman web pembelajaran melalui rangkaian sosial memberi peluang kepada pengguna untuk menjadi akrab dengan aplikasi web dan menyediakan media tambahan untuk pembelajaran di luar kelas. Oleh itu, kajian ini diharapkan dapat dimanfaatkan sebagai aplikasi untuk pendidikan dan juga berguna bagi mereka yang berminat untuk menlakukan kajian yang lebih mendalam dalam bidang kajian yang berkaitan.

ABSTRACT

Social Network has become an important element of popular culture, mass media and daily lives of countless interest users. Social network not only provides a facility the public to interact and get information but also encourage people to contribute and share ideas. Furthermore, the purpose of social network usage is suitable for learning online. There are many classes that use social network is instructional media and exchange of knowledge among students. Hence, this study focused on development of social network learning site specifically in e-Forum, Chat Room and Weblog for Hatyai Technical College (HTC). Afterwards, the requirement has been done by collecting the data for develop the requirement model. The prototype has been built by create storyboard to represent the website screen interface and Unified Modeling Language (UML) have been illustrated to present the system functionality then was develop by Joomla 1.5 as template design. Finally, the evaluation has been handling by using user acceptance test through the interview with Hatyai Technical College students. The responds from the interviewees indicate that our objectives have been met in this study. We concluded that social network learning site provides an opportunity to the users to be familiar with the web applications and provides enhancement to the learning outside of classroom. Therefore, this research is expected to be useful as an application for education. And it is also useful for those interested in further applied to the other side of related work.

ACKNOWLEDGEMENTS

First and foremost, I would like to express my deepest sense of gratitude to my supervisor, Puan Norazila Ali for the valuable guidance, encouragement, understanding and excellent advice throughout. My special thanks to my lovely friend, Fatimah Binti Saleh for her contribution of idea and willingness to motivate me contributed tremendously to my research.

I also would to use this opportunities to thanks to my evaluator, Mohd Samsu Sajat, for his helpfulness and very good suggestions; for B'rafal without their supports and constant guidance, I could not finish this research. Moreover, I am thankful my entire respondent at Hatyai Technical College for your sacrifice valuable time to complete my questionnaires.

I would like to present my thanks to my friends in UUM, Sandy, Nana,Vivienne and P'bai who spend the best times with me and shared me each moment. Thanks, Sam, Khing and Alina to always cheer me up. Say thanks again to my best friends, Aey, Noon, Ampere, Boom, Ku and Mr.Khalil for their understandings and supports on me in completing this research.

Finally, I'm most grateful to my family (Chumpia and Yong-Lan). I am deeply and forever indebted to the people in my life that touched my heart and gave me strength to move forward to something better. The people who inspire me to breathe, who encourage and believe in me when no one else does. To my beloved father and mother (Mr.Suraphon & Mrs.Saowaluk), to my dear brother Say (Mr.Teeraphat) for his love and support in all of my life.

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List of Abbreviations

CMS	Content Management System
HTC	Hatyai Technical College
ICT	Information and Communications Technology
ISD	Instructional Systems Development
OOP	Object-Oriented Programming
RDBMS	Relational Database Management System
SNS	Social Network Site
STD	Standard Deviation
UML	Unified Modeling Language

CHAPTER ONE

INTRODUCTION

1.0 Introduction

This chapter provides an overview of the entire study. The first sub-topic describes the background of the study that lead to the implementation of the whole research. This is followed by problem statement, research questions, objective, scope of the study, significant of the study and research organization. The last sub-topic provides the way this research is summarized.

1.1 Background of the Study

Currently online social network have become an important of communication and information on cyber-world. Human social network is a relational connection between people and society such as kinship, friendship, common interest, financial exchange, knowledge or prestige; which allows them to establish the social network relationship (Rahman, Saddik, & Gueaieb, 2009). For this reason, social network are become more considerable in social life.

The contents of the thesis is for internal user only

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