

**WEB-BASED DIRECTORY OF ITU-UUM PARTNERS
USING SOCIAL NETWORK SITE**

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UNIVERSITI UTARA MALAYSIA

2010





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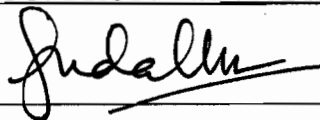
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Abstract

Directory services help people to manage their information in accurate and a secure way. It provides a foundation for modern enterprise information. Directories control names, addresses, and routes for e-mails, phones and other data. ITU-UUM center is the heart for all rural ICT development initiatives across Asia Pacific region. The center faces a problem with managing and using its partners' information, because they use a manual system to save them. This study has focused on the development of web-based directory system of ITU-UUM partners using social network technology, to help ITU-UUM staff and their partners to manage, search, and contact each others in smooth and easy way. As a result of testing the developed Web-based Directory by the staff of ITU-UUM, the results showed that the users found the application very useful and helpful.

Dedication

To My Father and Mother

To My Brothers and sisters

To My Best FrieNds: Qusay and MaliK Al-Zou'bi, Zyad Hamed, Sager and Sakher Hijazi, Mhd Osama Ashour, Diao Al-Khatib, Jihad Ba'ath, Sameh Abu Dhair, Mhd. Anbar, Baha'a Ta'ani and Dr.FariS Al-Deek.

Acknowledgement

Praise be to ALLAH for helping me to accomplish this humble study. Also, my thanks to ALLAH who has seen me through to this level in my academic achievement, I would like to seize this opportunity to extend my gratitude to ASSOC. Prof. Dr. Huda Bt Haji Ibrahim for kindly supervising this study, her priceless instruction and valuable directions had great role in the accomplishment of this report, my evaluator Mr. Zhamri bin Che Ani for his suggestions and help.

I would like also to thank all my instructors in the College of Arts and Sciences in the University Utara Malaysia (UUM) for their support.

Thank you UUM

Hosam Kamil Jaradat

25th October, 2009

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List of Abbreviations

ACID	Atomicity, Consistency, Isolation and Durability
API	Application Programming Interfaces
ASP	Active Server Pages
CGI	Common Gateway Interface
DBMS	Data Base Management System
EERD	Enhanced Entity Relation Diagram
GUI	Graphical User Interface
HTML	HyperText Markup Language
HTTP	Hyper Text Transfer Protocol
HTTP	Hyper text transfer protocol
IBM	International Business Machines Corporation
ICT	Information and Communication Technology
ITU	International Telecommunications Union
J2EE	Java 2 Platform Enterprise Edition
JSP	Java Server Pages
JSP	Java Server Pages
JWSDP	Java Web Component Software Development Package
LAMP	Linux, Apache, MySQL and PHP
PHP	Personal Home Page
R&D	Research & Development
RSS	Really Simple Syndication
RUP	Rational Unified Process
SNS	Social Network site

SQL	Structured Query Language
TM	Telecom Malaysia
UML	Unified Modeling Language
UUM	University Utara Malaysia
XML	eXtensible Markup Language

CHAPTER 1

INTRODUCTION

1.1 Introduction

Directory services provide a foundation for a modern enterprise information infrastructure. Directories manage entities information such as people, systems, companies, and physical resources for example printers, offices and meeting rooms etc. The information of directory is saved on databases that consist of descriptive characteristics such as user id, name, addresses etc. Directory services are the mechanisms by which directory information can be accessed or updated (Architecture and Standards, 2006).

Directory services are not only a database, it is a range of processes, applications, systems, and data that let an institute to provide timely, accurate, and secure information about it and its people. Easily reachable directory information maintains the work, business practices, and inter/intra organizational communications of educational institutions, staff, and associates in support of wider objectives of the business process (Lombardi, 2001).

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