

Universiti Teknologi MARA

**Sistem Latihan Program Pembangunan dan Kepimpinan Pelajar
(i-LPPKP)**

Nur Hazirah Binti Ab.Aziz

**Thesis submitted in fulfillment of the requirements for
Bachelor of Science (Hons.) Netcentric Computing
Faculty of Computer and Mathematical Sciences**

December 2011

ACKNOWLEDGEMENT

In the name of Allah, the Most Gracious and the Most Merciful. Peace and blessings of Allah be upon Prophet Muhammad.

First and foremost, praise is to Allah, for enabling me to accomplish my Research Project (CSP 650) report without many difficulties. Special thanks and appreciation is given to my supervisor, for whom I deeply inspired, Puan Rozita Binti Yunos, for her advice, criticism, guidance and brilliant ideas during the preparation of this study.

My sincere gratitude to all interviewer, in particular Pn.NorFaizan Binti Ahmad who is the Executive Officer of Kemahiran Insaniah (FSKM), UiTM Shah Alam for his cooperation in accomplishing the objectives of this project.

I also would like to express my gratitude to my beloved family for their encouragement, patient, support, financial support and sacrifice they have given me during the course of project. Finally, I would like to express my gratitude to all my friends who had been supporting me from the beginning of my project report. Only Allah S.W.T can repay of your kindness.

Thank you.

ABSTRACT

Nowadays, there are many systems and applications had been migrated to the web based in the world. For this time, data of students' attendance for Latihan Program Pembangunan Dan Kepimpinan Pelajar (LPPKP) will be stored manually by administration and students should use attendance card as evidence they are attending the programme session and should keep it as long as they are studying at UiTM. If the attendance card is lost or damage they could be considered as absent that programme and they should repeat it for the next semester. This is because these programmes are compulsory activities and each student should be involved. Therefore, the Purpose of this project is to help the administration and student to manage data of attendance in Latihan Program Dan Pembangunan Pelajar (LPPKP) so that it will be appropriate and systematic. By using this system, students do no need to bring attendance card during programme sessions but they just need to access this system online to check their attendance. Administration side also able to store the data of attendance of student and can trace students who absent the programme or not completed their LPPKP programme. In addition it would be help administration to manage attendance of facilitators. Security aspect will be implemented to this system such as password to enter this system. The system architectures that are used to develop this system are XAMPP which are combination of Apache, Web Server and PhpMyAdmin. This system is using PHP programming language and uses the MySQL for the database.

TABLE OF CONTENTS

CONTENTS	PAGE
APPROVAL	ii
CERTIFICATE OF ORIGINALITY	iii
ACKNOWLEDGEMENTS	iv
ABSTRACT	v
TABLE OF CONTENTS	vi
LIST OF FIGURES	ix
LIST OF TABLES	xi
CHAPTER 1: PROJECT BACKGROUND	
1.0 Introduction	1
1.1 Problem Statement	1
1.2 Objective	2
1.3 Scope	2
1.4 Project Significant	2
CHAPTER 2: LITERATURE REVIEW	
2.0 Introduction	3
2.1 Web Application	3
2.1.1 Web Application Architecture	4
2.1.1.1 Two-tier client/server	4
2.1.1.2 Three-tier	5
2.1.2 Web Application Characteristics	6
2.1.2.1 User	6
2.1.2.2 Task	7
2.1.2.3 Technology	7

CHAPTER 1: PROJECT BACKGROUND

1.0 Introduction

Every semester, All of UiTM students should attend a curriculum activity known as “Latihan Program Pembangunan Dan Kepimpinan Pelajar (LPPKP)” or also known as module. This program have eight levels which are from module one until module eight. All students are required to attend the entire modules that are held. This Program divide into two categories, for each student who graduates at the diploma in UiTM, they just need to continue the LPPKP with module 5 at degree level, whereas for diploma students from other UiTM, matriculation or STPM, they are required to attend the entire program before graduation. Normally, this program runs for two days, the talks and “Latihan Dalam Kumpulan (LDK)”.

For LDK program, the program will be handled by facilitators for each group. LDK of program also has many activities that useful to all student because the program able to train students on how to be a good leader. Program that also rates many values can be applied by any student. The program also will foster well other relationship between student, this is because in each group consist of students from different courses.

1.1 Problem Statement

Currently, students should use a manually method as an evidence they were attending the LPPKP program, for example they use a attendance card then they should get confirmation attendance from management side and student should keep that card until they finished their study at UiTM as curriculum activity that must be taken by all students. As a problem here, they will take the time to get the confirmation attendance and they would face with probability of lost very not impossible. Besides, the administration also will provide a lot of evaluation form to evaluate involvement of student in the program. Whereas, students would be get their mark evaluation from