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REPORT

**PROJECT TITLE:
UTeM SPORT CARNIVAL EVENT MANAGEMENT SYSTEM**

PREPARED BY:

STUDENT NAME	MATRIC NUMBER
LOW SEOW CHYI	B031210101

**PREPARED FOR:
MR. AMIR SYARIFUDDIN BIN KASSIM**

**UNIVERSITI TEKNIKAL MALAYSIA MELAKA SPORT CARNIVAL
EVENT MANAGEMENT SYSTEM (UTeM SCEMS)**

LOW SEOW CHYI

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This report is submitted in partial fulfillment of the requirements for the
Bachelor of Computer Science (Database Management)

FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY
UNIVERSITI TEKNIKAL MALAYSIA MELAKA
2014

DECLARATION

I hereby declare that this project report entitled
UNIVERSITI TEKNIKAL MALAYSIA MELAKA
SPORT CARNIVAL EVENT MANAGEMENT SYSTEM (UTeM SCEMS)

is written by me and is my own effort and that no part of plagiarized without
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STUDENT : _____ DATE : _____
(LOW SEOW CHYI)

LECTURER : _____ DATE : _____
(AMIR SYARIFUDDIN BIN KASSIM)

DEDICATION

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2014**

BORANG PENGESAHAN STATUS TESIS

JUDUL: UNIVERSITI TEKNIKAL MALAYSIA MELAKA SPORT CARNIVAL
EVENT MANAGEMENT SYSTEM (UTeM SCEMS)

SESI PENGAJIAN: 2012/2013

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(LOW SEOW CHYI)

(PENYELIA)

LOT 59, LORONG 12,
TAMAN DESA PABAHANAN,
JALAN BUANGSIOL,
98700 LIMBANG, SARAWAK.

AMIR SYARIFUDDIN BIN KASIM

TARIKH: _____

TARIKH: _____

CATATAN: *Tesis dimaksudkan sebagai Laporan Projek Sarjana Muda (PSM)

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(LOW SEOW CHYI)

LECTURER : _____ DATE : _____
(AMIR SYARIFUDDIN BIN KASSIM)

DEDICATION

A lot of thank you to especially to my mother, Mrs. Muri ak Empati and my father Mr. Low Mon Hua for giving me full support to manage my final year project well.

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And to the fellow friends of BITD, who gives co-operation and knowledge sharing in completing this project.

Thank you so much.

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The title for my Projek Sarjana Muda (PSM) project is the Universiti Teknikal Malaysia Melaka Sport Carnival Event Management System (UTeM SCEMS). This project is a request from the Recreational and Sports Centre of UTeM.

All of the requirements regarding the current system used by the Recreational and Sports Centre were gathered from one of the Recreational and Sports Centre staff, Mr. Fairuz Azwad Bin Mohd Zawauwi. Therefore, I would like to thank him for the full support and cooperation.

Not forgetting also to my supervisor, Mr. Amir Syarifuddin Bin Kasim for always giving advices supports and guides me throughout the completion of this PSM report. Thank you so much.

And lastly, I would like to thank all that had been involved by directly or indirectly with my project and everyone that had given me their full support and cooperation throughout my PSM report completion. Thank you.

ABTRACT

The title for the project is Universiti Teknikal Malaysia Melaka Sport Carnival Event Management System (UTeM SCEMS). The project SCEMS developed for the use of the Recreational and Sports Centre of UTeM and it is developed to have a proper and systematic database in its operation. The system developed to manage all the operation regarding to the event that involved UTeM. Currently, the Recreational and Sports Centre do not have any computerized system in managing all of the sports event operation. The Recreational and Sport Centre still using their current system is manually writing form. The UTeM SCEMS system developed is a web based application system using Hypertext Preprocessor (PHP) language and MySQL as its data storage. This PSM reports includes seven chapters that are introduction, literature review and project methodology, analysis, design, implementation, testing and conclusion.

ABSTRAK

Tajuk bagi projek ini adalah Sistem Pengurusan Majlis Karnival Sukan Universiti Teknikal Malaysia Melaka (UTeM SCEMS). Sistem ini dibangunkan untuk kegunaan Unit Sukan dan Rekreasi, UTeM dan ianya dibangunkan untuk menyediakan pangkalan data yang teratur dalam pengendalian maklumat yang berkaitan. Pada masa ini, Pusat Sukan dan Rekreasi tidak mempunyai sebarang system perkomputeran dalam pengendalian maklumat kejohanan-kejohanan sukan. Pusat Sukan dan Rekreasi masih menggunakan kertas sebagai alternatif pengurusan pendaftaran. Sistem UTeM SCEMS ini merupakan sebuah sistem aplikasi web yang menggunakan Hypertext Preprocessor (PHP) sebagai bahasa pengaturcaraan dan MySQL sebagai pangkalan data. Laporan PSM ini mengandungi tujuh bab iaitu pengenalan, This PSM reports includes seven chapter that are introduction, kajian literatur dan metodologi projek, analisis, rekabentuk, pelaksanaan projek, percubaan dan kesimpulan.

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LIST OF ABBREVIATIONS

UTeM	-	Universiti Teknikal Malaysia Melaka
PSM	-	Projek Sarjana Muda
UTeM SCEMS	-	Universiti Teknikal Malaysia Melaka Sport Carnival Event Management System
PHP	-	Hypertext Preprocessor
MySQL	-	My Structure Query Language
RAD	-	Rapid Application Developments
HTML	-	Hypertext Markup Language
CPU	-	Central Processing Unit
RAM	-	Random Access Memory
DFD	-	Data Flow Diagram
ERD	-	Entity Relationship Diagram
IE	-	Internet Explorer

CHAPTER I

INTRODUCTION

This chapter is the introduction of the system to be developed for the Projek Sarjana Muda (PSM) project. The project developed is calls the Universiti Teknikal Malaysia Melaka Sport Carnival Event Management System (UTeM SCEMS). It is developed for the use of the Recreational and Sports Centre of Universiti Teknikal Malaysia Melaka (UTeM). This system used in managing all the sports events that involving Universiti Teknikal Malaysia Melaka (UTeM). This chapter will describe the project background, problem statement(s), objectives, scopes and project significance, expected output and conclusion.

1.1 Project Background

This project developed for the use of Recreational and Sports Center of UTeM. UTeM is one of government high education institutions in Malaysia. The Recreational and Sports Centre is one of the departments in UTeM that manage things associated with sports and recreational. Information associated with the sport carnival events will be stored systematically and associated reports can be produced using the proposed system.

Each month, there are several sports events that involving UTeM. The Recreational and Sports Centre will store all the general information of the event by

creating the event name with description and the date, manage sports under the event created, assign manager which mean represent the faculty to send a quantitative registration application and manage their athlete and coach details. There are several reports that going to be produced by total score of the achievement, report of involvement for each event by calculating total of genders.

The main purpose for developing the system is to develop a proper systematic database in sport carnival events management. The requirements to develop the system are gathered from the Recreational and Sports Centre staff that is Mr. Mohd Fairuz Azwad Bin Mohd Zauwawi.

1.2 Problem statement(s)

Below are the problem statements of UTeM SCEMS.

- a) UTeM Recreational and Sports Centre have no computerized system in managing the sports events.

All the information regarding the sport events are recorded manually using form and were placed in a file. Therefore, loss of data may occur. It is also hard for Recreational and Sports Centre staff to update and maintain the data. Using the system developed, it will help the Recreational and Sports Centre staff in recording and maintain the data.

- b) No proper way in recording important information

The UTeM Recreational and Sports Centre have no any database in storing all the information associated with the sport carnival events management. The new system developed important to make sure that all the data are recorded in a proper storage.

c) Waste of paper

As Mr. Mohd Fairuz Azwad from the Youth and Sports Officer of Recreational and Sports Centre said that every previously events still using paper to fill in the quantitative registration form, athletes and coaches details. So, with the new system that has been developed, it is important to make sure all the data are stored in the storage so that the manager who is the representative of faculty can easily print out each of the confirmed details.

1.3 Objective

Below are the objectives of UTeM SCEMS.

a) To develop proper data storage for the sports events management.

Provided to make sure data are recorded properly and systematically.

b) To develop an online system.

UTeM Recreational and Sports Centre have no computerized system in handling the events management so that wasting of paper regularly happened can be avoided and the staff will be able to maintain and update the data regarding the events anytime and anywhere.

c) To provide easy searching for the user

When all the data are recorded systematically, it will provide easy searching for the user.

d) To design and develop a management system for the UTeM Recreational and Sports Centre.