

Universiti Teknologi MARA

**Development of Universiti Teknologi Mara Sport
Center Alumni Database (USCA) Using Distributed
Database Approach in Horizontal Fragmentation
Technique**

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DECLARATION

This declaration is to clarify that all the submitted contents of this thesis are original in its stature, excluding those, which have been, acknowledge especially in the references. All the work process involved is from my own idea and work. All of the content of this thesis has been submitted as part of partially fulfillment of Bachelor of Science (Hons.) Information System Engineering program. I hereby declare that this thesis project is the work of my own excluded for the references document and summaries that have been acknowledged.

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I seek His Blessing on His Prophet Muhammad S.A.W

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2.2.1	Hypermedia	10
2.2.2	HTML	11
2.2.3	URL and HTTP	12
2.2.4	Browsers	12
2.3.	Web Application	13
2.3.1	Type of Web Application	14
2.4.	Database	15
2.5.	Distributed Database	15
2.5.1	Application Distributed Database	16
2.5.2	Distributed Database approach	17
2.5.3	Distributed Database Management Systems	19
2.6.	Fragmentations	19
2.6.1	Types of Fragmentations	20
2.6.2	Horizontal Fragmentation	22
2.7.	Alumni Information System Comparison	23
2.8.	Summary	26

CHAPTER THREE: APPROACH AND METHODOLOGY

3.0.	Introduction	27
3.1.	Planning Phase	30
3.1.1	Feasibility Study	30
3.1.1[a]	Description of the existing system	31
3.1.1[b]	Identified Problems and opportunities	31
3.1.1[c]	User Request	32
3.1.2	Produce Project Schedule	32
3.2.	Requirement Elicitation and Analysis Phase	32
3.2.1	Requirement Discovery	32
3.2.1[a]	Theoretical Study	33
3.2.1[b]	Empirical Study	33

CHAPTER ONE

INTRODUCTION

1.0 Introduction

Universiti Teknologi Mara (UiTM) Sport Center is an organization that responsible to manage, maintain and promote sport services for student and staff. Even their task is more to organize about management of sport but it does not means that they are not able to excel in technologies. With the inspiration from UiTM Sport Center and full support from Head of UiTM Sport Center, Mr. Mustaza Ahmad, they aim to create an Information System to store data about former students that was actively involves in sports as well as those are still have excellent achievement in Malaysian sport. The information system will contain the former student background, sport achievements and career. With this information system, it is hope that it will ease the works of capturing information and make it easy to be used by Staff of UiTM Sport Center.

Currently, many universities have the Alumni associations. It is important to have continuous relationship between alumni because to share knowledge with alumni about theirs experiences may support and advance the pursuit of academic excellence at the University and to guide and assist alumni who have recently completed their courses of study at the University to obtain employment and to engage in productive pursuits useful to society.

UiTM Sport Center sees the advantages of establish Alumni associations. Therefore, they want to create an application that can deal with every data in alumni associations. In addition, they proposed web-based application for UiTM Sport Center Alumni system (USCA) to meet the requirements of everyone at