

**Universiti Teknologi MARA**

**Development of Alumni System for  
Faculty of Computer and Mathematical  
Science (FSKM) UiTM Shah Alam  
based on Rapid Application  
Development (RAD)**

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## **ABSTRACT**

Faculty of Computer and Mathematical Sciences (FSKM) Shah Alam currently does not have any formal site or portal for their alumni and only depends on Facebook page and ICAN website that associate the alumni of UiTM.

The aim of the project is to develop an alumni system for FSKM using Rapid Application Development (RAD) methodology. The researcher chooses RAD methodology because RAD is a more capable process, as it is much faster and less error prone than hand coding.

There are 3 objectives of developing the system that have been achieved, first is to identify the requirement needed to the system, and then analyze the requirement that the researcher identify. After that, design and develop the system using RAD Approaches.

By using the alumni system, all alumni of FSKM can use the system and connect with friends that have been lost since graduation day. There is no need to fill in physical form but can directly register into the system by online.

In future, researcher hopes that more discoveries of features can be made into the system. As stated by Assoc. Prof. Dr. Khairil, who wishes to have a digital photo book for the alumni to tag in any friends, they might know. He also wishes that the system can generate the password for the user, but as it seems hard to make, a suggestion is made, which is any alumni or lecturers who wishes to post any news, can do so by sending a proposal to A.P. Dr. Khairil's personal assistant.

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# CHAPTER 1

## INTRODUCTION

### 1.1 Introduction

In this sub chapter, researcher will describe the background of the project being developed, and what are the problems that arise that need for a research to be made in order to solve the rising problem. Besides these two (2) agenda, this chapter as well will include objective, project scope and not to forget the significance of the system.

### 1.2 Project Background

In a period of time between 1965 to 1967, RIDA Training Hall was renamed MARA College in June 1965. As said by the late Y.A.B Tun Abdul Razak, the change of name is intended to give a new breath for new life and as an aspiration to become a training center. Not just that, the exchange of name is a proof that these institutions is no longer under RIDA but has been an important unit of MARA Training Division.

Universiti Teknologi MARA (ITM) was established on the 14 of October 1967 by Tun Abdul Razak in Shah Alam. This is the first campus of UiTM and this first campus is known as MARA Institute of Technology and known as ITM. Since the formation of the first campus, ITM keep on growing with its good progression in academic and known to be the most major university in Malaysia.