

**A PROTOTYPE OF ONLINE FORM ONE STUDENT REGISTRATION SYSTEM:
A CASE STUDY IN SMKA AL-MASHOOR (LELAKI) PULAU PINANG**

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UNIVERSITI UTARA MALAYSIA

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**A PROTOTYPE OF ONLINE FORM ONE STUDENT REGISTRATION SYSTEM:
A CASE STUDY IN SMKA AL-MASHOOR (LELAKI) PULAU PINANG**

**A thesis submitted to the College of Arts and Science in partial fulfillment of the
requirements for the Master of Science (Information Technology)**

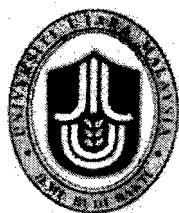
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ABSTRACT

The aim of this research is to develop a prototype of an online registration system for Form One students to assist teachers and parents in the registration of Form One students. It is also targeted to help ease the process of student registration for school and also for the hostel, thus reducing the time of registration as the current manual system requires students and their parents to queue to register which, sometimes, could take a long time and, consequently, interfere with subsequent programmes planned resulting in important information not reaching all students and parents. Besides, it also meant to reduce cost, time and energy as all the printed forms will be made available online. It also benefits users by giving them flexibility where they can do the registration on their own personal comfort time and place since this system is accessible anytime and anywhere as long as there is an Internet connection.

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LIST OF ABBREVIATIONS

SMKA	Sekolah Menengah Kebangsaan Agama
PPD	Pejabat Pelajaran Daerah
PK HEM	Penolong Kanan Hal Ehwal Murid
UPSR	Ujian Pencapaian Sekolah Rendah
SDLC	System Development Life Cycle
UML	Unified Modelling Language
FTP	File Transfer Protocol

CHAPTER ONE

INTRODUCTION

1.1 Introduction

The term online in regards to computer technology and communication means that the computer is connected to a network. In a network, computers are allowed to share resources such as hardware, software, data and information. The access to the resources on the network is controlled by a server. (Shelly, Cashman, Vermaat, 2006). The term online system refers to a computer system which allows online users to transmit and receive information. (PublishingDictionary, 2011). Nowadays, an online system plays a major role in almost all organizations. One major advantage of using an online system is it provides a convenient way of doing things at any time and anywhere as long as there is an Internet connection.

1.2 Background

The aim of this study is to create a prototype of an Online Form One Student Registration System (OFOSRS) to assist teachers and parents in managing the school and hostel registration of Form One students and is targeted on the students of SMKA Al-Mashoor (Lelaki), Pulau Pinang. Currently, the registration process is conducted manually which consumes time and energy and bears the cost of printing the bulk of school and hostel registration forms, which is sometimes wasteful when

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