

**Implementation of a Small System on a Small Organization:
A Case Study of Unit Peperiksaan, JHEAIK**

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UNIVERSITI UTARA MALAYSIA
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A Case Study of Unit Peperiksaan, JHEAIK

A thesis submitted to the Graduate School in partial fulfillment of the requirements for
degree Master of Science (Information and Communication Technology)

UNIVERSITI UTARA MALAYSIA

by

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ABSTRACT

This project is regarding the acceptance of calculate exam marks student system for Unit Peperiksaan, Jabatan Hal Ehwal Agama Islam Negeri Kedah (JHEAIK). The System is a standalone system which is will use by staff user to run calculate operations and able to smooth up the daily operation and reduce the operation cost and time as well. Prior to the development of the system, a study has been done so that the organization can gain real benefits from adopting a suitable Calculate Exam Marks Student System (CEMSS). So, a user acceptance study of the system has been made to simulate the functionality to determine the effectiveness of the system. The prototype will be developed know as CEMSS. CEMSS able to control on the thousands examination marks student and also management system.

Keywords: *Calculate Exam Marks Student System (CEMSS)*

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LIST OF ABBREVIATIONS

UUM	Universiti Utara Malaysia
CEMSS	Calculate Exam Marks Student System
ICT	Information and Communication Technology
JHEAIK	Jabatan Hal Ehwal Agama Islam Kedah

CHAPTER 1

INTRODUCTION

1.0 Background Study

Education is one of the important things that every person must have to be the best in any fields. Nowadays, computers are used to manage daily education tasks such as student enrolment, student book reservation in library, calculate student exam marks and etc. For example, school management uses computer to process academic assessments. Teachers store students mark and grades in computer software such as Microsoft Office. However, computers are merely used to store student's assessments and there are no systematic place for analyzing and turning that data into information and knowledge (Sulaiman, 2008).

Usually, in the secondary school, several assessments are prepared to evaluate student performance. Types of assessments are monthly test, mid-term test and end of year test. At the end of each test, the class teacher will records student's marks and grades in the record book and basic spreadsheet computer software such as Microsoft Excel. The class teacher need to determine student's ranking in class based on their end year test performances. However, these tasks take time because they need to formulate specific calculation for the class ranking. The tasks will be much easier if all calculation for class ranking can be automatically calculated when the teacher enters all marks for all students.

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