

**Requirement Model of School Attendance Monitoring System (SAMS)
In Secondary Schools**

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Universiti Utara Malaysia

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**Requirement Model of School Attendance Monitoring System (SAMS)
In Secondary Schools**

**A thesis submitted to the college Art and Sciences in partial
fulfillment of the requirements for the degree
Master of Science (Information Technology)
Universiti Utara Malaysia
by
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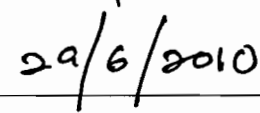
REQUIREMENT MODEL OF STUDENTS ATTENDANCE
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ABSTRACT

The focus of this study is to get a good requirement model for Student Attendance Monitoring Systems (SAMS) in secondary school. It is aimed at system designer who want to know how to design an efficient SAMS. Methodology was used for this study requirement modelling process. The methodology comprises four main phases: requirements elicitation, requirements analysis, requirements management and requirements verification. At the end of this study, a SAMS prototype were designed based on the requirement model. User acceptance testing was conducted to examine user's satisfaction.

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Table 1: Functional Requirements

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LIST OF ABBREVIATIONS

ASP	<i>Active Server Pages</i>
BSD	<i>Berkeley Software Distribution</i>
CFML	<i>ColdFusion Markup Language</i>
DDL	<i>Data Definition Language</i>
HTML	<i>Hypertext Markup Language</i>
IDL	<i>Interactive Data Language</i>
JSP	<i>JavaServer Pages</i>
PHP	<i>Hypertext Preprocessor</i>
UML	<i>Unified Modeling Language</i>

CHAPTER 1

PROJECT OVERVIEW

1.1 Introduction

In schools, attendance is important and mandatory. Nowadays, due to large number of students, it is efficient to use School Attendance Monitoring System (SAMS) to manage attendance in secondary schools. In recent years, system developers and designers have expands many ways and characteristics in design a good system.

A requirement model helps system developers or designers to understand what characteristic must have. Techniques for requirement modeling include process modeling, dataflow diagramming, entity relationship modeling and others.

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the thesis is for
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