



UNIVERSITI UTARA MALAYSIA
College of Art and Science

TIZ 6996
PROJECT

Requirement Model for Web-Based
SUKSIS Trainee Information System

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2008

**REQUIREMENT MODEL FOR
WEB-BASED SUKSIS TRAINEE INFORMATION SYSTEM**

A dissertation submitted to the College of Art & Science
in partial fulfillment of the requirements for the degree
Master of Science (Information Technology)

Universiti Utara Malaysia

By

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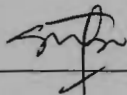
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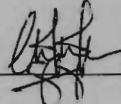
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ABSTRACT

The Royal Malaysian Police or *Polis Diraja Malaysia* (PDRM) is a main branch of security forces in Malaysia. *Kor Sukarelawan Siswa Polis* (SUKSIS) is one of the sub-forces in PDRM that was specially established for university's student. As the numbers of SUKSIS trainees grows year by year, paper based record management is not relevant anymore to be implemented. Thus, this study which is to design requirement model for Web-based SUKSIS Trainee Information System have most contributed to solve the problem. The Unified Modeling Language (UML) with Web Application Extension (WEA) has been utilized to design the architecture of the Web-based SUKSIS Trainee Information System. The Web-based SUKSIS Trainee Information System is being designed as web-based to enable user access it from everywhere and at anytime. The methodology that used in this project is Rapid Application Development (RAD). The users of Web-based SUKSIS Trainee Information System will be SUKSIS management staff, coordinator and trainees. Thus, the requirement model is very important in order to ensure that the Web-based SUKSIS Trainee Information System meet the user's need and can be delivered within expected time and budgets. However, this study only focuses on capturing the functional requirements. This study was concluded by discussing the findings as well as constraints and limitations arising during the course of producing the model, and the recommendation for future study in this domain.

ACKNOWLEDGEMENTS

First of all, I would like to extend my sincere thanks to my supervisors, Pn. Musyrifah Mahmod and Pn. Azliza Othman for the never ending support they gave me and supervisions, knowledge sharing and assistance in the course of my study.

My deepest thanks go to my family especially my father and mother (Awang Bin Sulaiman & Rahimah Binti Abdullah) for their love, support, and understanding.

My appreciation also goes to all my fellow colleagues and friends (especially goes to Mazani, Budy, Wong, Pok Ya, Jeme, Ery & Imi) who had provided guidance and ideas as well as encouragement that has definitely encouraged me to complete this dissertation.

Last but not least, a special thanks to all those who had lent a helping hand in allowing me to materialized this study.

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LIST OF ABBREVIATIONS

Acronym	Meaning
CASE	Computer Aided Software Engineering
DOD	Department of Defense
IPTA	<i>Institusi Pengajian Tinggi Awam</i>
IS	Information System
ISIS	Integrated Student Information System
NWPIS	Nation Wide Police Information System
PDRM	<i>Polis Diraja Malaysia</i>
PHP	PHP Hypertext Processing
RAD	Rapid Application Development
SAINS	Sarawak Information System
SIS	Student Information System
SPSS	Statistical Package for Social Science
SRS	Student Record System
SUKSIS	<i>Kor Sukarelawan Siswa Polis</i>
TAM	Technology Acceptance Model
UI	User Interface
UK	United Kingdom
UML	Unified Modeling Language
US	United States
UUM	<i>Universiti Utara Malaysia</i>
UX	User Experience
WAE	Web Application Extension

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CHAPTER 1

INTRODUCTION

This chapter discusses the overview of the study, problem statements, research questions, research objectives, significance of the study, scope and limitations. At the end of this chapter, it describes the organization of the report.

The contents of
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