

Universiti Teknologi MARA

**E-Logbook System for Postgraduate
Research Students (ESPRES)**

Muhammad Arif Haikal Bin Samed

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ABSTRACT

The E-Logbook System for Postgraduate Research Students (ESPRES) is a digital platform designed to streamline and improve the process of recording and reporting meetings between postgraduate research students and their supervisors. The current manual process of using Microsoft Word to record these meetings is prone to problems such as loss of records, leading to the need to recreate the logbook and re-record meetings. ESPRES aims to resolve these issues by providing a secure, organized and efficient method of recording and reporting meetings. By utilizing ESPRES, postgraduate research students will have a centralized platform to record and store their meeting details, reducing the risk of losing records and improving the overall process of monitoring and evaluation by the postgraduate studies management. ESPRES was developed using the Adapted Waterfall Model where six stages were included which are planning, requirement analysis, design, development, testing and documentation. Besides, the eight golden rules of interface design is used as the theory for this project. It has been the guideline to develop this system. The system has passed all the requirements in the test plan. Evaluations from two experts from lecturers at UiTM Kuala Terengganu have been used in evaluating the system, and all feedback has been considered. ESPRES has obtained encouraging results from the evaluation results and has passed all user and system requirements. In the future, many enhancements can be made, such as adding a grading system with color coding and a chat box to improve the E-Book Log System for Graduate Research Students.

TABLE OF CONTENTS

CONTENT	PAGE
SUPERVISOR APPROVAL	i
STUDENT DECLARATION	ii
ACKNOWLEDGEMENT	iii
ABSTRACT	iv
TABLE OF CONTENTS	v
LIST OF FIGURES	viii
LIST OF TABLES	x
LIST OF ABBREVIATIONS	xii
CHAPTER ONE: INTRODUCTION	
1.1 Background of Study	1
1.2 Current Process	3
1.3 Problem Statement	4
1.4 Objective	5
1.5 Scope	5
1.6 Project Significance	6
1.7 Conclusion	7
CHAPTER TWO: LITERATURE REVIEW	
2.1 Introduction	8
2.2 Management Information System	8
2.3 Electronic Logbook System	10
2.4 Human-Computer Interaction (HCI) Theory	11
3.4.1 Eight Golden Rules of Interface Design	11
2.5 Web-based Application	12
2.5.1 Web Browser	14
2.5.2 HTML	14
2.5.3 CSS	14
2.5.4 JavaScript	14
2.5.5 PHP	15

2.5.6	MySQL	15
2.6	System Development Models	15
2.6.1	Waterfall Model	15
2.6.2	Agile Model	18
2.6.3	Comparison between Waterfall and Agile	19
2.7	Similar Existing System	20
2.7.1	Research Integrated Management System (RIMS)	20
2.7.2	United Arab Emirates University Internship and Work Integrated Learning System (UAEU-iWIL)	21
2.8	Implication	22
2.9	Conclusion	22

CHAPTER THREE: METHODOLOGY

3.1	Introduction	23
3.2	Project Development Methodology	23
3.3	Planning	25
3.3.1	Gantt Chart	25
3.4	Requirement Analysis	26
3.4.1	Analysis	26
3.5	Design	28
3.5.1	Context Diagram (CD)	28
3.5.2	Data Flow Diagram (DFD)	29
3.5.3	Entity Relationship Diagram (ERD)	29
3.5.4	Site Map	31
3.5.5	Interface design	32
3.6	System Development	33
3.7	Testing and Evaluation	35
3.6.1	Test Plan	35
3.8	System Documentation	36
3.9	Conclusion	37

CHAPTER FOUR: RESULT AND DISCUSSION

4.1	Introduction	38
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