## UNIVERSITI TEKNOLOGI MARA

TEACHER EVALUATION SYSTEM FOR AL-INSAN TUITION CENTRE

NOR AIN NABILAH BINTI MARZIAN

BACHELOR OF INFORMATION TECHNOLOGY (HONS.) BUSINESS COMPUTING

JANUARY2018

## STUDENT'S DECRALARATION

I certify that this thesis and the project to which it refers in the product of my own work and that any idea or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

NOR AIN NABILAH BINTI MARZIAN

2015975089

JANUARY 24, 2018

## **ABSTRACT**

Teacher Evaluation System for Al-Insan Tuition Centre is a web based system that has been developed to help Al-Insan Tuition Centre to manage the evaluation on teacher in a systematic and proper way. Currently, this centre had done the evaluation by using verbal method which is word-of-mouth method. This manual method is difficult to the owner due to lack of understanding and time management. To overcome this problem, Waterfall Model is used as a guide to the process of development Teacher Evaluation System for Al-Insan Tuition Centre. The Waterfall Model involves planning, analysis, design, implementation testing and evaluation and lastly documentation. Therefore, system testing plan for users and experts are also prepared. This system has been tested from 3 experts and 30 respondents. Users have tested the ease of use, efficiency, satisfaction, consistency and interface. The mean is 4.50 with standard deviation of 0.63 has been achieved for the consistency construct. Hence, in the future, this system will be enhanced by adding extra features to make it easy to manage teacher evaluation.

## **TABLE OF CONTENTS**

CONTENT	PAGE	
SUPERVISOR'S APPROVAL	ii	
STUDENT'S DECLARATION	iii	
ACKNOWLEDGEMENT	iv	
ABSTRACT	v	
TABLE OF CONTENTS	vi	
LIST OF FIGURES	ix	
LIST OF TABLES	xii	
CHAPTER ONE: INTRODUCTION		
1.1 Background of Study	1	
1.2 Problem Statement	2	
1.3 Objective	6	
1.4 Project Scope	6	
1.5 Project Significance	7	
1.6 Project Framework	8	
1.7 Gantt chart	10	
1.8 Conclusion	11	
CHAPTER TWO: LITERATURE REVIEW		
2.1 Introduction	12	
2.2 Performance Evaluation System	13	
2.2.1 Performance Evaluation Criteria	14	
2.3 Web Based Application	16	
2.4 Software Development Model	16	
2.4.1 Waterfall Model	18	
2.4.2 Rapid Application Development (RAD)	19	

2.4.3 P	rototyping	20
2.5 Existing	Similar System	21
2.5.1 Ir	nstructor and Course Evaluation System	21
2.5.2 F	aculty Evaluation System	23
2.5.3 L	ecturer Evaluation System	24
2.6 Implica	tion of Literature Review	24
2.7 Conclus	sion	26
CHAPTER TH	REE: METHODOLOGY	
3.1 Introduct	tion	27
3.2 Methodology Overview		27
3.3 Preliminary Investigation		29
3.4 Analysis		30
3.5 System Design		35
3.6 Implementation		46
3.7 Testing a	and Evaluation	46
3.8 Conclusi	on	50
CHAPTER FO	UR: RESULT AND DISCUSSION	
4.1 Introduct	tion	51
4.2 Business	Process Improvement	52
4.2.1	List of Problem	50
4.3 Teacher	Evaluation System for Al-Insan Tuition Centre	53
4.3.1	Flow and module for student	54
4.3.2	Flow and module for parent	56
4.3.3	Flow and module for teacher	56
4.3.4	Flow and module for management	58
4.4 System T	Testing	59
4.4.1	Test Plan for student	59
4.4.2	Test plan for parent	61