Universiti Teknologi MARA

Online Booking D'Tratak Muslimah Spa (e-SPA)

Hazizah Binti Hamid

Thesis submitted in fulfilment of the requirements for Bachelor of Information Technology (Hons.) Business Computing Faculty of Computer and Mathematical Sciences

11.2

July 2016

STUDENT'S DECLARATION

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

HAZIZAH BINTI HAMID

2014807646

JULY 31, 2016

ABSTRACT

D'Tratak Muslimah Spa currently operated manually in booking service. The problem with the manual booking is customer need to go the physical spa to make an appointment. In addition, data loss because staff cannot view the service booking history that has been done by the customer. Online Booking System for D'Tratak Muslimah Spa (e-SPA) is developed to help customer of DTMS to ease the booking transaction. Reports can be generated easily using this system. The prototype model methodology is used in the development of the system. The methodology consists of five phases which are requirement planning phase, analysis phase, design phase, development phase, testing phase and lastly the documentation. This system has been evaluated by three expert users for the feedback and the recommendation. Besides that, user testing also conducted by distributed the questionnaire to the 30 respondents. In a nutshell, the e-SPA system will give more benefit to users when using it and hopefully it can help customers of DTMS to booking the service.

TABLE OF CONTENTS

CONT	TENTS	PAGE
CLIDEL	RVISOR'S APPROVAL	**
	ii 	
STUDI	iii •	
ACKN	iv	
ABSTI	E OF CONTENTS	v .
	vi	
	OF FIGURES OF TABLES	X
	xii	
LISI (OF ABBREVIATIONS	xiv
СНАР	TER ONE: INTRODUCTION	
1.1.	Background of Study	1
1.2.	Problem Statement	2
1.3.	Objectives	3
1.4.	Project Scope	4
1.5.	Project Significant	4
1.6.	Project Framework	5
1.7.	Gantt Chart	8
1.8.	Conclusion	9
СНАР	TER TWO: LITERATURE REVIEW	
2.1.	Introduction	10
2.2.	Customer Relationship Management (CRM)	11
2.3.	Online Booking System (OBS)	12
2.3.1. Criteria of a Good OBS		13
2.4.	System Development Model	14

2.5	o.1. Reviev	v of SDLC Model	15
2.5	5.2. Waterf	fall Model	16
2.5	5.3. Rapid	Application Development (RAD)	19
2.5	5.4. V-mod	lel	20
2.5	5.5. Prototy	ype Model	22
2.5	5.6. Spiral	Model	24
2.5.	Similar existing	g system	25
2.6	Salon0	1	26
2.6	5.2. The Be	eauty Salon.ie	27
2.6	5.3. Allora	Salon & Spa	28
2.6	6.4. Let's F	Relax Spa	29
2.6	6.5. Moder	n Beauty salon	30
2.6.	Implication of I	Literature Review in Project Development	31
2.7.	Conclusion	A-	31
CHAF	***	1ETHODOLOGY	
3.1.	Introduction		33
3.2. Methodology Overview			34
3.3. Project Development Methodology			
3.3	3.3.1. Requirement Planning Phase		36
3.3	3.2. Quick	Design	37
	3.3.2.1	. Process Flow Diagram	38
	3.3.2.2	. Site Map	39
	3.3.2.3	. Context Diagram	40
	3.3.2.4	. Data Flow Diagram (DFD)	41
	3.3.2.5	. Entity Relationship Diagram (ERD)	42
	3.3.2.6	. Table of Information	42
3.3	3.3. Buildir	ng Prototype	44
	3.3.3.1	. Interface of the System	44
3.3	3.4. Evalua	tion	46
	3.3.4.1	. Expert Testing	47
	3.3.4.2	. User Evaluation	49