

BORANG PENGESAHAN STATUS TESIS^

JUDUL: INTEGRATED WEDDING PLANNER

SESI PENGAJIAN: SEM II TAHUN 4/2006

Saya NURULAIZA BT MOHAMED KHAIR
(HURUF BESAR)

mengaku membenarkan tesis (PSM/Sarjana/Doktor Falsafah) ini disimpan di Perpustakaan Fakulti Teknologi Maklumat dan Komunikasi dengan syarat-syarat kegunaan seperti berikut:

1. Tesis adalah hakmilik Kolej Universiti Teknikal Kebangsaan Malaysia.
2. Perpustakaan Fakulti Teknologi Maklumat dan Komunikasi dibenarkan membuat salinan untuk tujuan pengajian sahaja.
3. Perpustakaan Fakulti Teknologi Maklumat dan Komunikasi dibenarkan membuat salinan tesis ini sebagai bahan pertukaran antara institusi pengajian tinggi.
4. ** Sila tandakan (/)

_____ SULIT (Mengandungi maklumat yang berdarjah keselamatan atau kepentingan Malaysia seperti yang termaktub di dalam AKTA RAHSIA RASMI 1972)

_____ TERHAD (Mengandungi maklumat TERHAD yang telah ditentukan oleh organisasi/badan di mana penyediaan dijalankan)

_____ TIDAK TERHAD



(TANDATANGAN PENULIS)

Alamat tetap : Lot 1089 lorong ahmad rantau panjang, 42100 klang, selangor

Tarikh: 27 April 2006



(TANDATANGAN PENYELIA)

HANI MUHAMMAD SUHAIZAN BIN SULONG

Pensyarah

Fakulti Teknologi Maklumat dan Komunikasi
Kolej Universiti Teknikal Kebangsaan Malaysia

Karung Berkunci 1200

Tarikh: 27/4/2006

CATATAN: ** Jika tesis ini SULIT atau TERHAD, sila lampirkan surat daripada pihak berkuasa.

^ Tesis dimaksudkan sebagai Laporan Projek Sarjana Muda (PSM)

raf

QA76.9.S88 .N87 2006



0000038695

Integrated wedding planner / Nurulaiza Mohamed Khair.

i

INTEGRATED WEDDING PLANNER

NURULAIZA BT MOHAMED KHAIR

**This report is submitted in partial fulfillment of the requirements for the
Bachelor of Computer Science (Software Development)**

**FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY
KOLEJ UNIVERSITI TEKNIKAL KEBANGSAAN MALAYSIA
2006**

raf

QA76.9.S88 .N87 2006



0000038695

Integrated wedding planner / Nurulaiza Mohamed Khair.

i

INTEGRATED WEDDING PLANNER

NURULAIZA BT MOHAMED KHAIR

**This report is submitted in partial fulfillment of the requirements for the
Bachelor of Computer Science (Software Development)**

**FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY
KOLEJ UNIVERSITI TEKNIKAL KEBANGSAAN MALAYSIA
2006**

DECLARATION

I hereby declare that this project report entitled

INTEGRATED WEDDING PLANNER

is written by me and is my own effort and that no part has been plagiarized

without citations.

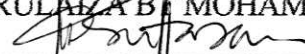
STUDENT:



(NURULAIZA BT MOHAMED KHAIR)

Date : 27 April 2006

SUPERVISOR:



(HJ MUHAMMAD SUHAIZAN B SULONG)

Date : 27/4/2006

HJ MUHAMMAD SUHAIZAN BIN SULONG

Pensyarah

Fakulti Teknologi Maklumat dan Komunikasi
Kolej Universiti Teknikal Kebangsaan Malaysia

Karung Berkunci 1200
Ayer Keroh, 75450 Melaka

DECLARATION

I hereby declare that this project report entitled

INTEGRATED WEDDING PLANNER

is written by me and is my own effort and that no part has been plagiarized

without citations.

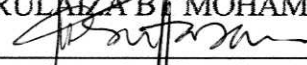
STUDENT:



(NURUL AIZA BT MOHAMED KHAIR)

Date : 27 April 2006

SUPERVISOR:



(HJ MUHAMMAD SUHAIZAN B SULONG)

Date : 27/4/2006

HJ MUHAMMAD SUHAIZAN BIN SULONG

Pensyarah

Fakulti Teknologi Maklumat dan Komunikasi
Kolej Universiti Teknikal Kebangsaan Malaysia

Karung Berkunci 1200

Ayer Keroh, 75450 Melaka

DEDICATION

To my beloved parents, Mohamed Khair b Ahmad and Aminah bt Rasiman

To my supervisor, Hj Muhammad Suhaizan b Sulong

ACKNOWLEDGEMENT

First and foremost, I thank Allah the Almighty for blessing me to complete my Projek Sarjana Muda (PSM). During the period of completing the Projek Sarjana Muda (PSM), I have encountered many problems and obstacles. Luckily, all the problem occur had been able to be solved by a helping hand of many people. Hence, I would like to express my highest appreciations to whom that have contributed to the successful of this PSM.

I greatly appreciate my supervisor, En Haji Muhammad Suhaizan bin Sulong for his valuable advice, guide and support. The patient and generosity for guide and assist me are most welcomed and appreciated.

Last but not least, I would like to thank my beloved family, my dearest friends and also to all who might have involved directly and indirectly, that always gives their moral support, idea, motivation and spend their precious time to accompany me during my research. The contribution is most appreciated and most remembered.

ABSTRACT

Most of current wedding website only offer services for a particular shop or company only. So, user have to find out another website to get information and service that desired. In addition, the current website only view a briefly information. So, user hard to get more information about services offered and hard to make a decision especially about budget. Integrated Wedding Planner (IWP) is a new innovative system that is develops to ease user especially future bride and groom to plan and make a decision based on their budget, need and desire. This system is a web-based system and will be developed by using web-based concept application and user can access it from anywhere. It will reduce cost and time consuming. This system provides list of company at Selangor area and for Malay wedding only. Users can gain information and plan their wedding consist of bridal suit, dais, catering, canopy and wedding card. The IWP will calculate total price separately for each bridal suit, dais, canopy, catering, wedding card and also total budget for all. With this system, the problems will be solved which is this system will provide the detail information, list of company and user can make make a decision easily.

ABSTRAK

Kebanyakan laman web perkahwinan semasa hanya menawarkan perkhidmatan untuk satu kedai atau syarikat sahaja. Jadi, pengguna perlu mencari laman web yang lain untuk mendapatkan maklumat dan perkhidmatan yang diingini. Tambahan pula, laman web yang sedia ada juga hanya memaparkan perkhidmatan yang disediakan secara ringkas. Maka, pengguna sukar untuk mendapatkan lebih maklumat mengenai perkhidmatan yang ditawarkan dan susah untuk membuat keputusan terutama tentang bajet. *Integrated Wedding Planner (IWP)* adalah satu system baru, yang dibina untuk memudahkan pengguna terutama bakal pengantin pengantin perempuan dan pengantin lelaki untuk merancang dan membuat keputusan berdasarkan bajet, keperluan dan keinginan mereka. Sistem ini adalah *web-based* sistem dan dibangunkan menggunakan konsep *web-based* di mana ia boleh dicapai oleh pengguna dari mana-mana destinasi. Ia dapat mengurangkan kos dan penggunaan masa. Sistem ini menyediakan senarai syarikat sekitar kawasan *Selangor* dan untuk perkahwinan melayu sahaja. Pengguna - pengguna boleh memperolehi maklumat dan merancang perkahwinan mereka termasuklah pakaian pengantin, pelamin, katering, kanopi dan kad perkahwinan. *IWP* ini akan mengira jumlah harga berasingan untuk setiap pakaian pengantin, pelamin, katering, kanopi, kad perkahwinan dan juga jumlah keseluruhan bajet. Dengan adanya sistem ini, masalah tersebut dapat diatasi di mana sistem ini menyediakan maklumat yang lebih terperinci, beberapa senarai syarikat dan pengguna dapat dan membuat keputusan dengan mudah.

TABLE OF CONTENTS

CHAPTER	SUBJECT	PAGE
	DECLARATION	ii
	DEDICATION	iii
	ACKNOWLEDGEMENTS	iv
	ABSTRACT	v
	ABSTRAK	vi
	TABLE OF CONTENTS	vii
	LIST OF TABLES	xi
	LIST OF FIGURES	xii
	LIST OF ACRONYMS	xvi
CHAPTER 1	INTRODUCTION	
	1.1. Project Background	1
	1.2. Problem Statements	2
	1.3. Objectives	3
	1.4. Scopes	3
	1.5. Project Significance	4
	1.6. Expected Output	4
	1.7. Conclusion	5
CHAPTER 2	LITERATURE REVIEW AND PROJECT METHODOLOGY	
	2.1 Introduction	7
	2.2 Fact and Finding	11

2.2.1	Case Study	9
2.3	Project Methodology	10
2.4	Project Requirements	
2.4.1	Software Requirements	12
2.4.2	Hardware Requirements	13
2.5	Project Schedule and Milestone	13
2.6	Conclusion	13

CHAPTER 3 ANALYSIS

3.1	Introduction	15
3.2	Problem Analysis	
3.2.1	Background of Current System	15
3.2.2	Problem Statements	23
3.3	Requirement Analysis	
3.3.1	Functional Requirement	24
3.3.2	Business Flow	27
3.3.3	Use-Case View	27
3.3.4	Actors	28
3.3.5	Use Case Description	29
3.3.6	Sequence Diagram	41
3.4	Software Requirements	48
3.5	Hardware Requirements	49
3.6	Conclusion	49

CHAPTER 4 DESIGN

4.1	Introduction	50
4.2	High-Level Design	
4.2.1	Raw Data	51
4.2.2	High-Level Logical View Architecture	53
4.2.2.1	Static Organization	56
4.2.2.2	High Level Class Diagram	58

4.2.3	User Interface Design	60
4.2.4	Database Design	68
4.2.5	Deployment View	72
4.3	Detailed Design	
4.3.1	Detailed Design	72
4.3.2	Physical Database Design	90
4.4	Conclusion	90

CHAPTER 5 IMPLEMENTATION

5.1	Introduction	91
5.2	Software Development Environment Setup	91
5.3	Software Configuration Management	94
5.3.1	Configuration Environment Setup	94
5.3.2	Version Control Procedure	100
5.4	Implementation Status	101
5.5	Conclusion	102

CHAPTER 6 TESTING

6.1	Introduction	103
6.2	Test Plan	103
6.2.1	Test Organization	103
6.2.2	Test Environment	104
6.2.3	Test Schedule	105
6.3	Test Strategy	107
6.3.1	Classes of Test	107
6.4	Test Design	
6.4.1	Test Description	108
6.4.2	Test Data	114
6.5	Test Result and Analysis	115
6.6	Conclusion	123

CHAPTER 7 PROJECT CONCLUSION

7.1	Observation on Weaknesses and Strengths	124
7.2	Propositions for Improvement	125
7.3	Conclusion	126

REFERENCES	127
-------------------	-----

BIBLIOGRAPHY	128
---------------------	-----

APPENDICES

A: Gantt chart	129
----------------	-----

B: User Manual	130
----------------	-----

C: Physical Database Design	164
-----------------------------	-----

LIST OF TABLES

TABLE	TITLE	PAGI
2.1	The hardware requirements	13
3.1	The hardware requirements	49
5.1	Environment Setup for Server	92
5.2	Environment Setup for Database	93
5.3	Environment Setup for Computer Requirements	93
5.4	Environment Setup for Web Browser	93
5.5	List of Procedure and Control	100
5.6	Implementation Status	101
6.1	Test Environment Specification	105
6.2	Test schedule	105
6.3	List of test case for admin login in Authenticate module.	109
6.4	List of test case for admin logout	109
6.5	List of test case for Manage module	110
6.6	List of test case for BridalSuit module	112
6.7	List of test case for Dais module	112
6.8	List of test case for Catering Module	113
6.9	List of test case for Canopy Module	113
6.10	List of test case for Wedding Card Module	114

LIST OF FIGURES

FIGURE	TITLE	PAGE
3.1	Aspirasi pengantin interface	16
3.2	Other services by Aspirasi Pengantin interface	16
3.3	Mona Bridal & catering interface	17
3.4	Boutique interface	18
3.5	Wedding card interface	18
3.6	Bridal shop interface	19
3.7	Wedding card interface	20
3.8	Activity diagram for the first revise current system. (Aspirasi Pengantin website)	21
3.9	Activity diagram for the second revise current system. (Mona Bridal & Catering Website)	21
3.10	Activity diagram for the third revise current system (Sayang You Website)	22
3.11	Activity diagram for the fourth revise current system. (eGuideglobal Website)	22
3.12	Activity diagram for the fifth revise current system (Wed.com.my Website)	23
3.13	Overview of Integrated Wedding Planner	26
3.14	The activity diagram for the Wedding planner	27
3.15	Global view of use case model.	28

3.16	Main Menu interface	30
3.17	Bridal suit interface	30
3.18	Output for Bridal suit interface	30
3.19	View total price for Bridal Suit interface	31
3.20	Dais interface	32
3.21	Output for Dais interface	32
3.22	View total price for Dais interface	33
3.23	Catering interface	34
3.24	Output for Catering interface	34
3.25	View total price for Catering interface	35
3.26	Canopy interface	36
3.27	Output for Canopy interface	36
3.28	View total price for Canopy interface	37
3.29	Wedding Card interface.	38
3.30	Output Wedding card interface.	38
3.31	View total price for Wedding interface	39
3.32	Admin login interface	40
3.33	Manage interface	41
3.34	Interaction Diagram for set bridal suit details	42
3.35	Interaction Diagram for set dais details	43
3.36	Interaction Diagram for set catering details	44
3.37	Interaction Diagram for set canopy details	45
3.38	Interaction Diagram for set wedding card details	46
3.39	Interaction Diagram for Authenticate user (admin only)	47
3.40	Interaction Diagram for Manage	48
4.1	Aspirasi Pengantin interface	51
4.2	Catering interface	52
4.3	Canopy interface	52
4.4	Wedding Card interface	53
4.5	System software architecture overview based on 3-tier architecture	54

4.6	System software architecture overview based on 3-tier architecture	55
4.7	The CSCI Integrated Wedding Planner packages	56
4.8:	Class diagram for Integrated Wedding Planner	59
4.9	Navigation Diagram of Integrated Wedding Planner	60
4.10	Main Menu interface	61
4.11	Input design for Bridal suit	61
4.12	Input design for Dais	62
4.13	Input design for Catering	62
4.14	Input design for Canopy	63
4.15	Input design for Wedding card	63
4.16	Input design for Admin login	64
4.17	Menu for manage data.	64
4.18	View Bridal Suit interface	65
4.19	View total price for Bridal Suit interface	65
4.20	Dais interface	65
4.21	View total price for Dais interface	66
4.22	Catering interface	66
4.23	View total price for Catering interface	66
4.24	Canopy interface	67
4.25	View total price for Canopy interface	67
4.26	Wedding card interface	67
4.27	View total price for Wedding Card interface	68
4.28	ERD Diagram for Integrated Wedding Planner	69
4.29	Relationship Between entity BridalSuit and company.	70
4.30	Relationship Between entity Dais and Company	70
4.31	Relationship Between entity catering and company.	70
4.32	Relationship Between entity Canopy and Company	71
4.33	Relationship Between entity card and Company	71
4.34	Deployment View	72
5.1	Three tier architecture.	92

5.2	Configuration of Macromedia Dreamweaver	94
5.3	Apache and MySql starting on EasyPhp	100

LIST OF ACRONYMS

ACRONYMS	FULL TERM
KUTKM	Kolej Universiti Teknikal Kebangsaan Malaysia
OOAD	Object-Oriented Analysis and Design.
UML	Unified Modeling Language

CHAPTER 1

INTRODUCTION

1.1 Project Background

Integrated Wedding Planner (IWP) is a new innovative web based system. User can access and use this system anywhere and anytime such as at home or office. In Malay wedding, there are many areas to consider when people start plan the wedding, from bridal suit, dais, canopy, catering and also wedding card.

Nowadays, Internet is one of communication technology and most of people use it as a medium to get information and ideas. Most of the wedding website available offer information and services only in one particular wedding shop/boutique. So, this will become a problem when user did not satisfy and the service doesn't meet their desire and budget, so they have to search another wedding website. This will increase the time consuming.

Certainly some items require a visit to the shop. However, Wedding Planner will give suggestion that are suite and match with user input and selection. . It will ease user to manage wedding plan, reduce access time and budget because user doesn't need survey many shops /boutique.

Integrated Wedding Planner system will ease user especially future bride and groom to make a decision. Firstly, user needs to select the option provided to match their features needed. Then, this system will view the appropriate suggestion for bridal suit, dais, canopy, and wedding card and also the prices based on the selection

, their budget and desire. Also, the related company address and the contact person also provided to ease user to get more information and detail.

1.2 Problem statement(s)

Nowadays, communication technology especially Internet is an important medium to search and get information. Although, there is a lot of web page about wedding especially Malay wedding but people still did not know how to plan the wedding, the budget, the shop location and the services that offered.

Most of the wedding website available offer services and information only in one particular wedding shop. So, if user did not satisfy with the services offered, user has to search another web page to get another services and information.

However, some people will get information from magazine, catalogue and brochure. But, by using this approach ,people need to buy different and more than one magazine. Also, have to go different shop if they still didn't get the information and services needed. Other than that, need a lot of money because of some magazine is expensive and the cost for looking appropriate shop/boutique is also increases.

Another problem is, most of people still can't decide to choose the best decision based on their budget and desire. Some of user didn't know how to plan and budget the wedding including bridal suit, dais, canopy, catering and wedding card.

This system is to solve the existing problems. First, time management is very important. Plan the wedding about a year or so before the event. By develop this web-based system, user can access it anywhere, anytime and will reduce time consuming.

Then, budget planning is also important. This system will ease user to make a decision to plan the wedding based on budget. In this system, by select the option

provided, user will get choices about bridal suit,dais,canopy,catering, wedding card and shop/boutique details.

1.3 Objective

The objectives of this system is:

- To give suggestions when planning the wedding based on the desire and budget.
- To give user more information and ideas about wedding planner.
- To ease wedding plan management. Time management is very important to make sure that all wedding preparation complete and succeed and under the budget.
- To reduce cost, access time and user can access the system anywhere such as home and office.
- To ease user to calculate the budget for he/her wedding.
- User can make their best decision about their wedding plan.

1.4 Scopes

The scope of this project is:

- This Integrated Wedding Planner only consist bridal suit, dais, canopy,catering and wedding card only.
- The Integrated Wedding Planner is for Malay Wedding Only.
- The target users are future bride/groom.
- The suggestion shop/boutique are at Selangor area only.
- Total budget will be calculate including bridal suit,dais,catering,canopy and wedding card.

- This system only view the list of suggestion and user can't order the product or services that offered by using this system.

1.5 Project significance

This Integrated Wedding Planner is new interactive web-based system. In this system, user needs to select the option provided such as budget range,shop name. Then, this system will view the appropriate suggestion including pictures and price for bridal suite, dais, catering, canopy and wedding card.

Home and public user can access and use this system. The target user is future bridge and groom. User can access this system anywhere and anytime and will reduce time consuming.

This system is general. It offers services and information more than one wedding shop/boutique.

1.6 Expected Output

User needs to select the option provided to match their needed features. Then, the system will display the output that related with bridal suit, dais, catering, canopy and wedding card.

1. Bridal suit

For bridal suit, user needs to select bridal suit type, budget range and theme colour. Then, the system will view the pictures and price. Then, user can choose bridal suit that desire from the list . After that, total price will be calculated.

2. Dais

For dais ,user needs to select budget range and also theme colour. Then, pictures and also price will be displayed. After that, user can choose bridal suit that desire from the list. The total price will be calculated.

3. Catering.

For catering, user needs select budget range. Then, the list of menu with price will be displayed. User can choose the menu and enter the number of person. After that, the total price will be calculated .

4. Canopy.

For canopy, the pictures and price of canopy will be displayed after user select budget range, canopy type and theme colour. Then, user can choose the desire design based on the picture. After that, this system will calculate the total price.

5. Wedding Card.

For wedding card ,user needs to select the budget range per card, card type and theme colour from the list. Then, the pictures and price of card will be displayed and it will ease user to choose the appropriate wedding card. After that, enter the number of person and then the total price will be calculated.

1.7 Conclusion

Nowadays, most of people use Internet as a medium to get information and ideas easier and faster. Internet is one of communication technology. Integrated Wedding Planner is an innovative web-base system. This system will solve existing problems and ease user especially future bride/groom to plan and decide the appropriate decision based on their desire and budget. User can access the system