## UNIVERSITI TEKNOLOGI MARA

# THE IMPLEMENTATION OF A MULTIMEDIA-STORYTELLING-AGENT DESIGN IN A COMMERCIAL ORIENTED WEBSITE: CASE STUDIES

### RONALDI SALEH BIN UMAR

Thesis submitted in fulfilment of requirements for the degree of Master of Art and Design

Faculty of Art and Design

November 2004

#### **ACKNOWLEDGEMENTS**

I am thankful to Allah SWT for blessing me endlessly throughout my life. I have put my best effort to finish this thesis while facing a lot of challenges. I also would like to thank Assoc. Prof. Dr. Ruslan Rahim, Deputy Dean of the Faculty for being a very helpful supervisor, my Programme Coordinators, Assoc. Prof. Dr. Marzuki Hj. Ibrahim and Assoc. Prof. Dr. Kamarudzaman Md. Isa, and the Faculty Dean, Assoc. Prof. Dr. Baharudin Bujang for all the professional help they have rendered me to complete my studies in Universiti Teknologi MARA (UiTM) Shah Alam My thanks extend to all the people around me, especially my wife, father, mother, brother and little sister for making my studies possible in every way. I would like to thank Mr. Siew Kam Sum, M.Ed., an English Lecturer of UiTM Perak for editing my thesis.

As an academician, I will strive to share and keep improving my knowledge for anyone who needs it. As my hope for the future, this thesis will become a stepping-stone to writing, especially topics related to web design technology.

Insya Allah.

## TABLE OF CONTENTS

TITI	E PAGE	i		
ACKNOWLEDGEMENTS TABLE OF CONTENT				
				LIST
ABS	TRACT	x		
	PTER ONE: INTRODUCTION	,		
1.1.	Background of the study	1		
1.2.	Statement of the problem	3		
1.3.	Hypothesis	5		
1.4.	Limitation and Delimitation	7		
СНА	PTER TWO: LITERATURE REVIEW: MULTIMEDIA	4		
STO	RYTELLING AS A NEW INTEGRATED MEDIA	*		
2.1.	Definition of Multimedia			
	2.1.1. History of multimedia	9		
	2.1.2. Function of multimedia	14		
	2.1.3. Benefits of multimedia in general	15		
	2.1.4. Multimedia application for website	17		
2.2.	Definition of storytelling			
	2.2.1. History of storytelling	20		
	2.2.2. Principal of storytelling	23		
	2.2.3. What is the function?	26		
	2.2.4. Digital storytelling	26		
	2.2.5. Web storytelling	29		
	2.2.6. Benefits of storytelling for commercial	34		
2.3.	Definition of Multimedia Storytelling			
	2.3.1. History of multimedia storytelling	36		
	2.3.2. How does multimedia storytelling function?	39		
2.4.	Multimedia Storytelling Agent application (preliminary case study)			
	2.4.1. Multimedia Storytelling Agent in a Compact Disc (CD	) 43		
	2.4.2. Jaring.my	45		

	2.4.3.	TM.Net.my	49		
	2.4.4.	Bluehyppo.com	52		
	2.4.5.	PutraNet	58		
2.5.	Defini	tion of Multimedia Storytelling Agent (MSA)	58		
СНА	PTER 1	THREE: RESEARCH METHODOLOGY			
3.1.		Net website (a case study of an Internet Service Provider			
	websit	·	62		
		PutraNet: the chosen Internet Service Provider	63		
		What does PutrNet website do	65		
	3.1.3.	Target user	66		
		FOUR: DEVELOPMENT OF TEST INSTRUMENT:			
		DIA-STORYTELLING-AGENT APPLICATION IN A			
		E; PUTRANET WEBSITE	70		
4.1.					
4.2.		n concept			
		The role of interactive design	71		
	4.2.2.	Developing a nonlinear storyline			
		4.2.2.1. Character design	75		
		4.2.2.2. Interactive story	81		
	4.2.3.	The use of Agents	85		
4.3.	Perfor	mance of the website			
	4.3.1.	Response time	87		
	4.3.2.	Interface design	92		
	4.3.3.	Navigation	98		
4.4.	Putra	as the agent			
	4.4.1.	Who is Putra	102		
	4.4.2.	Why Putra is chosen	104		
	4.4.3.	What can Putra do	105		
4.5.	Product storytelling for corporate user				
	4.5.1.	Narrative product description	106		
	4.5.2.	Interactivity tool	109		
4.6.	Devel	opment Process	110		

#### **ABSTRACT**

Storytelling can be a very useful tool in the marketing arena, but sadly, it is not utilized appropriately. Most storytelling techniques rely on linear media such as books, film, or television where the user's experience is fully under the control of the author/director. This research clarifies how storytelling for corporate users can be applied to a 'non-linear tool' like a website. It includes guidelines of storytelling design elements for commercial website. In this study involving PutraNet website, the researcher has made a comparative study through similar websites to add facts. Theories have been gained through books, e-books, journals, e-journals, websites and observations. Storytelling covers digital storytelling, web storytelling, web usability and multimedia design. To complete the implementation, some opinions through selected corporate users, PutraNet dealers, web producers, academician and public from online questionnaire were quoted. As Multimedia Storytelling Agent is a new method, the research outcome will give guidelines for web designers who want to apply the same thing. Corporate users will be served with infotainment in getting information. Providers will be facilitated in marketing their products. Academician, Researcher or Developer who want to come up with the same concept will also get additional reference.