

INTERNET-BASED ADVISORY SYSTEM
FOR AUTOMOTIVE SPARE PARTS INDUSTRY

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by

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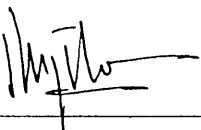
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ABSTRACT (BAHASA MALAYSIA)

Projek ini bertujuan untuk merekabentuk laman web e-dagang yang sesuai untuk keperluan semasa bagi industri alat gantian otomobil. Satu tinjauan terkini telah dijalankan ke atas beberapa laman-laman web alat gantian otomobil tempatan dan luar negeri. Penemuan menunjukkan laman-laman web ini mempunyai kelemahan dan kekarangan yang memberikan masalah kepada pengguna. Berdasarkan kekangan ini, Sistem ini telah direkabentuk bagi mengatasi masalah tersebut dan cuba untuk memenuhi permintaan pengguna semasa.

Unsur khas yang terdapat pada sistem ini adalah sistem penasihat (advisory system) dan gerbang hubungan (portal link). Sistem penasihat ini mampu mencadangkan kepada pengguna jenis-jenis bahagian alat ganti yang sesuai untuk kereta. Seterusnya, laman web ini akan menghubungkan terus kepada syarikat yang berkaitan bagi membeli alat ganti yang dicadangkan.

Akhirnya, projek ini mencadangkan beberapa rekabentuk bagi masa hadapan dan beberapa pertimbangan untuk memperelokkan pembangunan projek di masa hadapan.

ABSTRACT (ENGLISH)

The purpose of this project is to design an e-commerce website, suitable for the current needs in automobile spare parts industry. A current survey is done on some local and international automobile spare parts websites. The review shows that these websites have some weakness and limitations. Based on the limitations, this system is designed to overcome the problems and try to satisfy user needs.

The special element about this system is that it has an advisory system and portal link. This advisory system is able to recommend suitable spare parts for user. The website will then link user to the relevant company to buy the recommended spare parts.

Finally, this project has recommended some future design and considerations to further enhance the development of future project.

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TABLE OF CONTENTS

	Page
PERMISSION TO USE	i
ABSTRACT (BAHASA MALAYSIA)	ii
ABSTRACT (ENGLISH)	iii
ACKNOWLEDGEMENTS	iv
LIST OF TABLES	viii
LIST OF FIGURES	ix
CHAPTER ONE: INTRODUCTION	
1.1 Background	1
1.2 Problem Statement	4
1.3 Objectives	5
1.4 Scope of the Project	6
1.5 Software and Hardware requirements	7
1.5.1 Software requirements for this project are as below	7
1.5.2 Hardware requirements for this project are as below	8
1.6 Summary	9
CHAPTER TWO: REVIEW ON E-COMMERCE	
2.1 What is E-Commerce?	10
2.2 The Emergence of E-Commerce	11
2.3 Categories in E-commerce	12

2.4	Intelligent Agents and E-Commerce	14
	2.4.1 Online Information Chain	16
	2.4.1.1 Push Technology and Marketing	18
	2.4.1.2 Pull Technology and Demand of Information and Services	18
2.5	What is Intelligent Agents?	18
	2.5.1 Artificial Intelligence in Intelligent Agent	21
	2.5.2 Intelligent Agents in the Market	21
2.6	Difference between Search Engine and Intelligent Agents	23
2.7	Portal	27
2.8	E-Commerce in Automobile Spare Parts Industry	28
	2.8.1 Overseas Website	28
	2.8.1.1 TRDUSA Modification Company	28
	2.8.1.2 Auto-by-Tel	29
	2.8.1.3 Autosupermart.net	29
	2.8.1.4 CarParts.com	30
	2.8.2 Local Website	30
	2.8.2.1 Spareparts.com.my	31
2.9	Summary	31
CHAPTER THREE: METHODOLOGY		
3.1	What is Prototyping?	32
3.2	Type of Prototypes	32

3.3	Methodology	34
3.4	Rapid Evolutionary Prototyping	35
3.4.1	Evolutionary Application Prototyping	36
3.4.1.1	Business Requirement Definition Process	36
3.4.1.2	System Technical Architecture Process	36
3.4.1.3	Database Design and Construction Process	37
3.4.1.4	GUI/Program Design and Construction Process	37
3.4.1.5	Testing Process	37
3.4.2	Implementation	38
3.4.2.1	System Documentation Process	38
3.5	Summary	39
CHAPTER FOUR: INTERNET-BASED ADVISORY SYSTEM MODEL FOR AUTOMOBILE SPARE PARTS INDUSTRY		
4.1	Objective	40
4.2	Requirement Model	42
4.2.1	Use Case Diagram	42
4.2.2	Definition of Actors	44
4.2.3	Definition of Use Case	44
4.2.3.1	System Administrator	44
4.2.3.2	Customer	45

4.2.4	Explanation of Use Cases	46
4.2.4.1	Generate Report	46
4.2.4.2	Maintenance	46
4.2.4.2.1	Update Homepage	46
4.2.4.2.2	Update Advisory	47
4.2.4.2.3	Update Link	47
4.2.4.2.4	Update Product and Company	47
4.2.4.3	View Product	47
4.2.4.4	Use Advisory	48
4.2.4.5	Visit Link	48
4.3	System Architecture	48
4.3.1	Subsystem and Database	50
4.4	GUI Design	52
4.5	Summary	53
CHAPTER FIVE: EVALUATION		
5.1	Test and Validation	56
5.2	Methods of Testing	58
5.2.1	Page Consistency	58
5.2.2	Table and Pop-up Window Consistency	58
5.2.3	Page Relationship	59

5.2.4	Performance Consistency and Response Times	60
5.2.5	E-Commerce Evaluation	60
5.3	Result and Discussion	61
5.3.1	Operation Testing	61
5.3.2	E-Commerce Evaluation	62
5.4	Summary	64
CHAPTER SIX: CONCLUSION		
6.1	Review of Overall Project	65
6.2	Significance of this Project	66
6.3	Problems and Limitations	66
6.4	Recommendation for Future Design	68
6.5	Summary	70
BIBLIOGRAPHY		71
APPENDIX		75

LIST OF TABLES

		Page
Table 2.1	Comparison of Search Engine and Intelligent Agents	27

LIST OF FIGURES

		Page
Figure 1.1	Comparison of Transmission Mediums	2
Figure 2.1	Online Information Chain	16
Figure 2.2	Example of Push Intelligent Agents	17
Figure 2.3	Example of Pull Intelligent Agents	17
Figure 2.4	Anatomy of an Intelligent Agent	20
Figure 3.1	A Simply Prototyping Process	34
Figure 3.2	Rapid Evolutionary Prototyping Approach	35
Figure 4.1	Use Case Diagram for Internet-based Advisory System for Automobile Spare Parts.	43
Figure 4.2	System Architecture of Internet-based Advisory System for Automobile Spare Parts Industry	49
Figure 4.3	GUI Design on Internet-Based Advisory System For Automobile Spare Parts Industry	53

Chapter 1

INTRODUCTION

This chapter gives an overview about the undertaken project. The project is about developing an advisory system for the automobile spare parts industry which also acts as a portal system that can link the users to the relevant websites. The chapter highlights the problems faced by the users in selecting the right automobile spare parts for their vehicles. The potential of e-commerce for the automobile spare parts industry will be discussed. The chapter also outlines the requirement, scope and limitation of the project.

1.1 Background

Internet has slowly change the nature of business. The Internet's growth rate is currently the highest among other electronic information dissemination mediums – radio, television, personal computer, and Internet. This is illustrated in Figure 1-1. In 1999, the Internet connected over 36 million computers with around 170 million users in 205 countries. Five years ago, the figures were 3 million computers with 15 million users in 60 countries.

The contents of
the thesis is for
internal user
only

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