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ONLINE PURCHASE SYSTEM

A project submitted to the Graduate School in partial
Fulfillment of the requirements for the degree
Master of Science (Information Technology)
Universiti Utara Malaysia

by

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Sekolah Siswazah
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ABSTRACT

e-Commerce is important information technology tool for today business. Web based business has been build to has goal of reducing cost of organization operation and increase profit. It also provides excellent support for customer and builds a good customer relationship. This paper is to build a portion of online purchase system, focus on purchase requisition system. The system also adopts a new technology call XML for the web advantage. As the result, the project evaluates the combination of the XML technology and the purchase requisition system.

ABSTRAK

e-Commerce menjadi semakin penting dalam bidang teknologi informasi demi perniagaan pada masa kini. Perniagaan yang menggunakan kebaikan web adalah untuk menggurangkan kos operasi organisasi and dengan itu dapat meningkatkan untung. Ia juga memberi penyokongan kepada pelanggan-pelanggan and dapat membina perhubungan antara pelanggan-pelanggan. Projek ini adalah membina sebahagian daripada 'online purchase system', di mana memberi focus kepada 'online purchase requistion system'. Sistem ini juga menggunakan technologi baru, XML untuk tujuan faedah dari segi web. Projek ini menilai kombinasi teknologi XML dan 'purchase requisition system'

TABLE OF CONTENTS

PERMISSION TO USE ..... **I**

ACKNOWLEDGEMENTS ..... **II**

ABSTRACT ..... **III**

ABSTRAK ..... **IV**

TABLE OF CONTENTS ..... **V**

TABLE OF FIGURE ..... **VIII**

LIST OF TABLES ..... **IX**

CHAPTER 1. INTRODUCTION **1**

1.1. BACKGROUND 1

1.2. PROBLEM STATEMENT 6

1.3. OBJECTIVE 6

1.4. SCOPE OF THE PROJECT 7

1.5. SIGNIFICANCE OF THE PROJECT 7

CHAPTER 2. LITERATURE REVIEW **8**

CHAPTER 3. METHODOLOGY **13**

3.1. UNIFIED MODELING LANGUAGE (UML) ON DOCUMENTATION 13

3.2. ANALYSIS AND DESIGN PHASES IN THE PROJECT 14

3.3. CLIENT SIDE SCRIPT 15

3.4. CLIENT SIDE DATA BINDING 16

3.5. TOOLS TO BE USED 18

3.5.1. Hardware 18

3.5.2. Software 20

CHAPTER 4. FINDING **22**

4.1. ANALYSIS PHASE 22

4.1.1. Workflow Diagram 22
4.1.2. User Case diagram 23
4.1.3. Entity Relationship Diagram 25
4.2. DESIGN PHASE 27
4.2.1. Authentication 27
4.2.2. State Transition Diagram 30
4.2.3. Activity Diagram 35
4.2.4. Sequence Diagrams 39
4.2.5. Entity Relationship Diagram (Normalized) 42
4.2.6. Data Dictionary 44
4.2.7. Cascading Style Sheet 45
4.2.8. Use of XML SPY to create XML format and Schema 46
4.2.9. XML and ADO and SQL Server 2000 51

CHAPTER 5. CONCLUSION 52

5.1. CONSTRAINT 52
5.2. SUGGESTION 54

BIBLIOGRAPHY 55

APPENDIX 1 DATA DICTIONARY 56

APPENDIX 2 ACTIVITY DIAGRAMS 58

APPENDIX 3 MAIN SOURCE CODE 60

3.2 DEFAULT.HTM 60
3.3 BODY.HTM 60
3.4 HEADER.HTM 61
3.5 SIDENAVIGATOR.HTM 62
3.6 MENU.ASP 63
3.7 LOGOUT.ASP 67

APPENDIX 4 INCLUDE FILE 68

4.2 DBOPEN.ASP 68
4.3 STANDARDSTYLE.CSS 68

4.4 FUNCTION_SQL.INC 71
4.5 DOCPAGING.INC 71
4.6 VENDORXML.ASP 81
4.7 POUPDATE.ASP 83
4.8 POXML.ASP 85
4.9 PRAPPROVELIST.ASP 87
4.10 PRFORPOLIST.ASP 88
4.11 PRLIST.ASP 90
4.12 PRODUCT.ASP 92
4.13 PRSAVE.ASP 93
4.14 PURCHASEORDERLIST.ASP 101
4.15 PURCHASEREQUEST.ASP 103
4.16 REQUESTAPPROVE.ASP 105
4.17 REQUESTTOPO.ASP 107
4.18 USERADOXML.ASP 111
4.19 USERSAVE.ASP 111
4.20 USERUPDATE.ASP 113
4.21 USERXML.ASP 116
4.22 VENDORLIST.ASP 117
4.23 VENDORNEW.ASP 119
4.24 VENDORSAVE.ASP 123
4.25 VENDORUPDATE.ASP 127
4.26 VENDOR.XML 131

TABLE OF FIGURE

FIGURE 1 PURCHASING FORM 9

FIGURE 2 PURCHASING PRO 2000 INTERFACE 11

FIGURE 3 DATA BINDING IN CLIENT SIDE 17

FIGURE 4 WORKFLOW DIAGRAM 22

FIGURE 5 PR USER CASE DIAGRAM 24

FIGURE 6 ENTITY RELATIONSHIP DIAGRAM BEFORE NORMALIZATION 26

FIGURE 7 USER LOG IN 28

FIGURE 8 MENU PAGE 29

FIGURE 9 USER INTERFACE FOR DATA ENTRY 30

FIGURE 10: CREATE AND MODIFY PURCHASE REQUISITION 31

FIGURE 11: CREATE AND MODIFY VENDOR 32

FIGURE 12 APPROVE OR REJECT REQUEST 33

FIGURE 13 GENERATE PURCHASE ORDER 34

FIGURE 14 CREATE AND MODIFY VENDOR AND PRODUCT ACTIVITY DIAGRAM 37

FIGURE 15 CREATE AND MODIFY PURCHASE REQUISITION ACTIVITY DIAGRAM 38

FIGURE 16 CREATE OR MODIFY VENDOR AND PRODUCT SEQUENCE DIAGRAM 40

FIGURE 17 MODIFY AND INSERT PURCHASE REQUISITION SEQUENCE DIAGRAM 41

FIGURE 18 ENTITY RELATIONSHIP DIAGRAM FOR PR SYSTEM 43

FIGURE 19 APPROVE AND REJECT REQUISITION ACTIVITY DIAGRAM 58

FIGURE 20 GENERATE PURCHASE ORDER ACTIVITY DIAGRAM 59

LIST OF TABLES

TABLE 1 POMASTER TABLE 44
TABLE 2 PODETAIL TABLE 45
TABLE 3 PRODUCT TABLE 56
TABLE 4 REQUESTDETAIL TABLE 56
TABLE 5 REQUESTMASTER TABLE 56
TABLE 6 USER TABLE 56
TABLE 7 VENDOR TABLE 57

CHAPTER 1. INTRODUCTION

1.1. Background

'Electronic commerce', or more commonly call e-Commerce, is a relatively new concept and the definitions of the term vary. Common to all definitions is the notion of buying and selling goods and services, and transferring funds, via electronic communications. Broader definitions of 'electronic commerce' include all internal and external business functions such as marketing, finance and human resources that use electronic communications. Specifically included in some definitions of 'electronic commerce' are the World Wide Web and the Internet.

Electronic commerce has the potential to affect all organizations. However, most people would typically associate the concept with the private sector organizations that sell goods or services. The best example of this is the recent flourish of Internet companies listing on the Australian Stock Exchange. These companies are for the most part are taking traditional goods or services such as books, travel and telecommunications and then selling or marketing directly to customers over the World Wide Web.

The Purchase requisition system is one the potential applications in e-commerce. Purchase requisition is used to request the acquisition of goods and services and is a procedural method by which departments may request the purchase of goods and services that require processing by the procurement services, usually because of the dollar value, the nature of the purchase, or the type of goods and services.

Some organizations have the policy that purchase requisitions are being used to order goods or services that cannot be ordered with a

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