

FINAL YEAR PROJECT REPORT

Product Selling Website



Project Advisor

Miss Emmen Farooq

SUBMITTED BY:

Umer Ahmed Shehzad 110165152

Nadeem Sarwar Dar 110165145

Haris Mahmood 110165213

SESSION:2011-2015

University of Management and Technology

Final Approval

Panel of Examiners

- 1) **Head of Department**
Department of Computer Science
UMT Lahore _____

- 2) **Program Director (Final Year Projects)**
Department of Computer Science
UMT Lahore _____

- 3) **Supervisor**
Department of Computer Science
UMT Lahore _____

- 4) **Co-Supervisor** _____

- 5) **External Examiner** _____

- 6) **Controller of Examinations** _____

Acknowledgment

Firstly, I would like to thank Allah Almighty, with the help of which we would have not been able to complete our thesis. All hurdles we faced, Allah made us through all those problems and troubles.

Then, I would like to express my sincere gratitude to my advisor Miss Emmen Farooq for the continuous support of my bachelor's study and related research, for her patience, motivation, and immense knowledge. Her guidance helped me in all the time of research and writing of this thesis.

Besides my advisor, I would like to thank the rest of my thesis committee for their insightful comments and encouragement, but also for the hard question which incited me to widen my research from various perspectives.

I thank my fellow lab mates in for the stimulating discussions, for the sleepless nights we were working together before deadlines, and for all the fun we have had in the last four years.

Last but not the least, I would like to thank my family, my parents and to my brothers and sister for supporting me spiritually throughout writing this thesis and for my life in general.

Project Title	Product Selling Website
Objective	Users can easily buy or sell products
Undertaken by	
Supervised by	Miss Emmen Farooq
Starting Date	5 July 2014
Completion Date	13-August-2015
Tools Used	Netbeans, Slimphp , Xamp , Wamp , Shiftedit
Operating System	Windows
Documentation	All documentation is explained below

Abstract

In our everyday life, every person has to buy some sort of product for some use. So, one approach is to go the market or where ever that product can be purchased. And the other easy and most efficient approach is that the buyer can easily purchase the product online or by sitting at home. So in this way he has to apply no effort in going and purchasing that product. So websites today like amazon, eBay are one of the big sites that provide such facilities to the users. This helps the buyers to just purchase the product by just one click. Similarly, this website would have some sort of same features. Not the payment system included, but this website would just behave like olx.com.pk, if anyone asks why it would differ from that website, the reason is that this website is made much faster and safer in backbone.js. Which gives user an ease to use this website with no trouble.

CONTENTS

CONTENTS	6
LIST OF FIGURES.....	8
1. INTRODUCTION	ERROR! BOOKMARK NOT DEFINED.
1.1 PROJECT OVERVIEW.....	ERROR! BOOKMARK NOT DEFINED.
1.2 PROBLEM STATEMENT.....	ERROR! BOOKMARK NOT DEFINED.
1.3 CUSTOMER	ERROR! BOOKMARK NOT DEFINED.
1.4 AFFECTED GROUPS	ERROR! BOOKMARK NOT DEFINED.
1.5 ASSUMPTIONS AND DEPENDENCIES	ERROR! BOOKMARK NOT DEFINED.
1.6 DEFINITIONS AND ACRONYMS.....	ERROR! BOOKMARK NOT DEFINED.
1.7 REFERENCE/ SOURCE DOCUMENTS	ERROR! BOOKMARK NOT DEFINED.
1.8 GOALS	ERROR! BOOKMARK NOT DEFINED.
2. STAKE HOLDERS	ERROR! BOOKMARK NOT DEFINED.
3. DOMAIN ANALYSIS.....	ERROR! BOOKMARK NOT DEFINED.
4. SYSTEM FUNCTIONS/ FUNCTIONAL REQUIREMENTS.....	ERROR! BOOKMARK NOT DEFINED.
4.1 NON-FUNCTIONAL REQUIREMENTS	ERROR! BOOKMARK NOT DEFINED.
5. SYSTEM ARCHITECTURE	ERROR! BOOKMARK NOT DEFINED.
5.1 SYSTEM ARCHITECTURE DIAGRAM	ERROR! BOOKMARK NOT DEFINED.
6. DATA FLOW DIAGRAM	ERROR! BOOKMARK NOT DEFINED.
5.1 DATA FLOW DIAGRAM LEVEL 0.....	ERROR! BOOKMARK NOT DEFINED.
5.2 DATA FLOW DIAGRAM LEVEL 1.....	ERROR! BOOKMARK NOT DEFINED.
5.3 DATA FLOW DIAGRAM LEVEL 2.....	ERROR! BOOKMARK NOT DEFINED.
7. USE CASE MODEL	ERROR! BOOKMARK NOT DEFINED.
6.1 LIST OF ACTORS	ERROR! BOOKMARK NOT DEFINED.
6.2 LIST OF USE CASES.....	ERROR! BOOKMARK NOT DEFINED.
6.3 USE CASE DIAGRAM	ERROR! BOOKMARK NOT DEFINED.
7.4 USE CASE BUY ITEM	ERROR! BOOKMARK NOT DEFINED.
7.5 USE CASE ADD ITEM (TO SALE)	ERROR! BOOKMARK NOT DEFINED.
7.6 SYSTEM SEQUENCE DIAGRAMS	ERROR! BOOKMARK NOT DEFINED.
7.7 SYSTEM COLLABORATION DIAGRAMS	ERROR! BOOKMARK NOT DEFINED.
7.8 USER INTERFACE	ERROR! BOOKMARK NOT DEFINED.
7.9 DATA DICTIONARY.....	ERROR! BOOKMARK NOT DEFINED.
8. CONCEPTUAL MODEL	ERROR! BOOKMARK NOT DEFINED.
9. CLASS DIAGRAM.....	ERROR! BOOKMARK NOT DEFINED.
10. FUNCTION POINT ANALYSIS	ERROR! BOOKMARK NOT DEFINED.
11. IMPLEMENTATION	ERROR! BOOKMARK NOT DEFINED.
11.1 PROTOTYPES (UID VS PID)	ERROR! BOOKMARK NOT DEFINED.
11.2 DESCRIPTIONS (PID VS DID)	ERROR! BOOKMARK NOT DEFINED.
11.3 TRACEABILITY MATRIX (UID VS FID).....	ERROR! BOOKMARK NOT DEFINED.

12.	TESTING	ERROR! BOOKMARK NOT DEFINED.
12.1	TEST CASES	ERROR! BOOKMARK NOT DEFINED.
12.2	TID TEMPLATE	ERROR! BOOKMARK NOT DEFINED.
12.3	DECISION TABLE	ERROR! BOOKMARK NOT DEFINED.
12.4	TRACEABILITY MATRIX (TID VS UID).....	ERROR! BOOKMARK NOT DEFINED.
13.	RESULTS/OUTPUT/STATISTICS	ERROR! BOOKMARK NOT DEFINED.
13.1	%COMPLETION.....	ERROR! BOOKMARK NOT DEFINED.
13.2	%ACCURACY	ERROR! BOOKMARK NOT DEFINED.
13.3	%CORRECTNESS.....	ERROR! BOOKMARK NOT DEFINED.
14.	CONCLUSION.....	ERROR! BOOKMARK NOT DEFINED.
15.	FUTURE WORK	ERROR! BOOKMARK NOT DEFINED.
16.	BIBLIOGRAPHY	ERROR! BOOKMARK NOT DEFINED.
17.	APPENDIX	ERROR! BOOKMARK NOT DEFINED.
17.1	GLOSSARY OF TERMS	ERROR! BOOKMARK NOT DEFINED.
17.2	ENVIRONMENTAL SETUP	ERROR! BOOKMARK NOT DEFINED.
17.3	EXPERIMENTAL SETUP.....	ERROR! BOOKMARK NOT DEFINED.
17.4	ASSUMPTIONS	ERROR! BOOKMARK NOT DEFINED.
17.5	PRE-REQUISITES	ERROR! BOOKMARK NOT DEFINED.
17.6	DATA SETS/TEST DATA	ERROR! BOOKMARK NOT DEFINED.

LIST OF FIGURES

Figure 1 System Architecture.....	Error! Bookmark not defined.
Figure 2 System Level Use Case Diagram.....	Error! Bookmark not defined.
Figure 3 Conceptual Model.....	Error! Bookmark not defined.