

## **MCS FINAL YEAR PROJECT**

# **Classified Vehicle Ads Web Portal**



### **Release Date**

July 4, 2014

### **Project Advisors**

Mr. Khurram Khan (Assistant Professor, Program Advisor UMT)

Mr. Imran Saleem (Assistant Professor UMT)

### **Project Member(s)**

Mohsin Muhammad Awan (112327-001)

## **School of Professional Advancement**

## **University of Management and Technology**



**University of Management and Technology,**

C-II, Johar Town, Lahore-54770, Pakistan

UAN: +92 42 111 200 300

TEL: +92 42 35212801-10, Fax: +92 42 35184789

Email: [info@umt.edu.pk](mailto:info@umt.edu.pk)

# Dedication

I dedicate this project to my beloved parents who make great efforts to help me standing in this position, along with our beloved teachers who made full cooperation with me in development of this project. I consider myself the lucky person as being the child of such an affectionate parents and student of such a kind and dedicated teachers.

## Table of Contents

---

<b>1.</b>	<b>Introduction.....</b>	<b>Error! Bookmark not defined.</b>
1.1	Purpose of Document .....	<b>Error! Bookmark not defined.</b>
1.2	Project Overview .....	<b>Error! Bookmark not defined.</b>
1.3	Scope .....	<b>Error! Bookmark not defined.</b>
<b>2.</b>	<b>Functional Requirements .....</b>	<b>Error! Bookmark not defined.</b>
2.1	GUI (Front End) .....	<b>Error! Bookmark not defined.</b>
2.2	Data Storage (Back End) .....	<b>Error! Bookmark not defined.</b>
2.3	Business Rules .....	<b>Error! Bookmark not defined.</b>
<b>3.</b>	<b>Non-functional Requirements.....</b>	<b>Error! Bookmark not defined.</b>
3.1	Performance Requirements.....	<b>Error! Bookmark not defined.</b>
3.2	Safety Requirements.....	<b>Error! Bookmark not defined.</b>
3.3	Security Requirements.....	<b>Error! Bookmark not defined.</b>
3.4	User Documentation .....	<b>Error! Bookmark not defined.</b>
<b>4.</b>	<b>Assumptions and Dependencies.....</b>	<b>Error! Bookmark not defined.</b>
<b>5.</b>	<b>Project Planning.....</b>	<b>Error! Bookmark not defined.</b>
5.1	Pert Chart.....	<b>Error! Bookmark not defined.</b>
5.2	Gantt chart .....	<b>Error! Bookmark not defined.</b>
<b>6.</b>	<b>System Architecture.....</b>	<b>Error! Bookmark not defined.</b>
6.1	DFDs (Context Level) .....	<b>Error! Bookmark not defined.</b>
6.2	DFDs (Child Level).....	<b>Error! Bookmark not defined.</b>

6.3	DFD Description (Context Level) .....	<b>Error! Bookmark not defined.</b>
6.4	DFD Description (Child Level) .....	<b>Error! Bookmark not defined.</b>
6.5	Process Specifications .....	<b>Error! Bookmark not defined.</b>
6.6	DATABASE Description .....	<b>Error! Bookmark not defined.</b>
6.7	DATA STRUCTURES.....	<b>Error! Bookmark not defined.</b>
6.8	ELEMENTS Description.....	<b>Error! Bookmark not defined.</b>
6.9	ERD Diagram .....	<b>Error! Bookmark not defined.</b>
6.10	Activity Diagrams .....	<b>Error! Bookmark not defined.</b>
6.11	Classes Diagram (DATABASE TABLES) .....	<b>Error! Bookmark not defined.</b>
6.12	Classes Diagram (FULL PROJECT).....	<b>Error! Bookmark not defined.</b>
6.13	Sequence Diagrams .....	<b>Error! Bookmark not defined.</b>
<b>7.</b>	<b>Use Cases.....</b>	<b>Error! Bookmark not defined.</b>
7.1	Use Case Diagram .....	<b>Error! Bookmark not defined.</b>
7.2	Use Case Description.....	<b>Error! Bookmark not defined.</b>
<b>8.</b>	<b>Test Cases .....</b>	<b>Error! Bookmark not defined.</b>
8.1	Test Case 1 .....	<b>Error! Bookmark not defined.</b>
8.2	Test Case 2 .....	<b>Error! Bookmark not defined.</b>
8.3	Test Case 3 .....	<b>Error! Bookmark not defined.</b>
8.4	Test Case 4 .....	<b>Error! Bookmark not defined.</b>
8.5	Test Case 5 .....	<b>Error! Bookmark not defined.</b>
8.6	Test Case 6 .....	<b>Error! Bookmark not defined.</b>
8.7	Test Case 7 .....	<b>Error! Bookmark not defined.</b>
8.8	Test Case 8 .....	<b>Error! Bookmark not defined.</b>
8.9	Test Case 9 .....	<b>Error! Bookmark not defined.</b>
8.10	Test Case 10 .....	<b>Error! Bookmark not defined.</b>
<b>9.</b>	<b>GUI.....</b>	<b>Error! Bookmark not defined.</b>
<b>10.</b>	<b>References .....</b>	<b>Error! Bookmark not defined.</b>

# Abstract

Project's main idea is to solve the problem of people who have to buy or sale new/second hand vehicle. As they have to go to the dealers, showrooms, markets for this purpose and have to spend extra time, now they would not have to. With the help of this website people sitting anywhere would be able to save time and can easily sale or purchase their vehicle(s) by posting the ad on this website along with their contact info, so that buyer and seller can make the deal by contacting with each other.