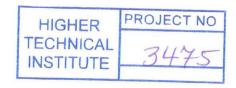


## **COURSE IN COMPUTER STUDIES**

DIPLOMA PROJECT (PROJECT REPORT)

ONLINE STORE FOR THE AUTOMOTIVE CENTER LTD



## 1. INVESTIGATION PHASE

#### 1.1 INTRODUCTION

The purpose of this project is to design and develop an online shop for a company called Automotive Center. The web page created should be easy to use from the customers and to have some functions that will help the Administrator of the company to modify some databases.

The web page will have a large database including the products, different companies and other information that the customer will find useful.

There are two activities in this phase:

- Activity 1: Initial Investigation
- Activity 2: Feasibility Study

Activity 1 - In this activity we will explain the objectives and requirements of this project and describe the necessary developing tools that we are going to use for the development of the project

Activity 2 – In this activity we will check whether the project is feasible to be developed, financially, technically, operationally, scheduling and finally to take under consideration the human factor.

#### **CONTENTS**

# 1. INVESTIGATION PHASE

- 1.1 INTRODUCTION
- 1.2 INITIAL INVESTIGATION
  - 1.2.1 Objectives of the website
  - 1.2.2 Existing online shops
  - 1.2.3 Requirements of the project
  - 1.2.4 Developing tools of the project

#### 1.3 FEASIBILITY STUDY

- 1.3.1 Financial feasibility
- 1.3.2 Schedule feasibility
- 1.3.3 Technical feasibility
- 1.3.4 Operational feasibility
- 1.3.5 Human Factors feasibility
- 1.3.6 Conclusion

## 2. ANALYSIS AND GENERAL DESIGN

- 2.1 NEW SYSTEM REQUIREMENTS
- 2.2 NEW SYSTEM DESIGN
- 2.3 IMPLEMENTATION AND INSTALLATION PLANNING
  - 2.3.1 Preliminary detail design and Implementation plan
  - 2.3.2 Preliminary system plan
  - 2.3.3 User training outline
  - 2.3.4 Preliminary installation plan

### 3. DETAIL DESIGN AND IMPLEMENTATION

- 3.1 TECHNICAL DESIGN
- 3.2 TEST SPECIFICATION AND PLANNING
- 3.3 PROGRAMMING AND TESTING
- 3.4 USER TRAINING
- 3.5 SYSTEM TEST

### 4. INSTALLATION

4.1 SYSTEM INSTALLATION

#### 5. REVIEW

- 5.1 DEVELOPMENT RECAP
- 5.2 POST-IMPLEMENTATION REVIEW

## 6. CONCLUSION

## 7. APPENDICES

- 7.1 APPENDIX A: PROJECT SPECIFICATIONS
- 7.2 APPENDIX B: GANTT CHART
- 7.3 APPENDIX C: CONTEXT DIAGRAM AND DFD
- 7.4 APPENDIX D: DATA STORE
- 7.5 APPENDIX E: STRUCTURED CHARTS