HIGHER TECHNICAL INSTITUTE

COURSE IN COMPUTER STUDIES

DIPLOMA PROJECT

ONLINE PARKING RESERVATION SYSTEM

CS/396

ELIAS ELIADES

JUNE 2008

HIGHER TECHNICAL INSTITUTE | PROJECT NO 3741

INTRODUCTION

This Project deals with the development of a web based database system for reserving a parking on any national parking place.

It will concentrate on the reservation of customers if there is a parking place in the certain area that is going to visit and if there is an available spot to park their car at the certain parking.

The aim of this new system is to help the people of any town to reduce time for searching place they could find easily if there is an available place before they visit the parking. Using this new system the government could control their parking places from the online database.

INTRODUCTION 2
CHAPTER 1: INVESTIGATION PHASE 3
1.2 FEASIBILITY ACTIVITY 5
1.2.1.INTRODUCTION 5
1.2.2. Considerations Of Solutions 5
1.2.3. Financial Feasibility 6
1.2.3.2. Operational Cost 7
1.2.3.3. Operational Benefits 7
1.2.4. Operational Feasibility 8
1.2.5. Technical Feasibility 8
1.2.6. Proposed Solution 9
1.2.6. Schedule Feasibility 10
1.2.8. Human Factors Feasibility 11
CHAPTER 2: ANALYSIS & GENERAL DESIGN 12
CHAPTER 2: ANALYSIS & GENERAL DESIGN 12
2.1.2 OVERVIEW NARRATIVE 13
2.1.2.2 System Purpose 13
2.1.2.3 Differences between the existing and new system. 13
2.1.3 SYSTEM FUNCTIONS 15
2.1.3.1 System Accomplishment 15
2.1.3.2 Processing 16
2.1.4 INPUTS/OUTPUTS 17
2.1.4.1 Inputs 17
2.1.4.2 Outputs 17
2.1.5 USER INTERFACE WITH THE SYSTEM 18
2.1.6 DATA STORES 18
2.1.6.4 Data-Stores-Listing 18
2.1.7 SECURITY AND CONTROLS 19
2.1.8 MANAGEMENT OVERVIEW 20
3.1 Introduction 21
3.2 Detail Design Description 21
3.3 Network: 22
3.4 Database 22, 23
3.5 Database Design 22, 23
3.6 System Operational 22
3.6.1 Software 22
3.7 System Operational 22
3.7.1 Software 22
3.7.2 Hardware 23
3.10 Training & User Support 23
3.7.3 System Installation 23
3.9 Development 23
4.1 Installation 24
Chapter4: Installation Phase 24
Chapter 5: Review Phase 25
Conclusion & Final Thoughts 25