

HIGHER TECHNICAL INSTITUTE

COURSE IN COMPUTER STUDIES

DIPLOMA PROJECT

ON-LINE WEB CAR RESERVATION SYSTEM

CS/317

PROCOPIOU PROCOPIS

JUNE 2004

HIGHER TECHNICAL INSTITUTE	PROJECT NO
	3480

ON-LINE CAR RESERVATION SYSTEM

SUMMARY

The goal of this project is the production of a web-based car rental system. In order to create that system you have to full fill some objectives that are critical for the system in order to work.

Parts of those objectives are:

- Reservation of a car
- Rental agreement
- Printing of empty agreement
- Extension of rental agreement
- Car Card
- Car Service Card
- Car Deliveries
- Car collection
- Security Measures (access level)
- Reports
- Links to other useful sites

CONTENTS

Acknowledgments	iv
Summary	v
INTRODUCTION	vi

CHAPTER 1: INVESTIGATION PHASE

1.1.1	INITIAL INVESTIGATION ACTIVITY.....	1
1.1.2	FEASIBILITY STUDY	5

CHAPTER 2: ANALYSIS AND GENERAL DESIGN PHASE

	INTRODUCTION	13
2.1	NEW SYSTEM REQUIREMENTS	14
2.2	NEW SYSTEM DESIGN	17
2.3	IMPLEMENTATION AND INSTALLATION PLANNING.....	20

CHAPTER 3: DETAILED DESIGN AND IMPLEMENTATION PHASE

	INTRODUCTION	22
3.1	TECHICAL DESIGN.....	23
3.1	DETAILED DESIGN SPECIFICATION.....	23
3.1	TEST SPECIFICATION AND PLANNING	25
3.1	PROGRAMIN AND TESTING.....	26
3.1	USER TRAINING.....	27
3.1	SYSTEM TEST	28

CHAPTER 4: INSTALATION PHASE

	INTRODUCTION	29
--	---------------------------	----

CHAPTER 5: REVIEW PHASE

	INTRODUCTION	30
5.1	OBJECTIVES	30

CONCLUSION	31
-------------------------	-----------

CONCLUSION31

APPENTICES

APPENDIX A1
Context Diagram

APPENDIX A2
Data Flow Diagrams

APPENDIX A3
Data Structures

APPENDIX A4
Data Process

APPENDIX A5
Data Stores

APPENDIX A6
Inputs