## HIGHER TECHNICAL INSTITUTE COMPUTER STUDIES DEPARTMENT

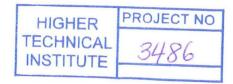
# **DIPLOMA PROJECT**

### **FAMAGUSTA SITE**

CS/323

**Kypros Toumbas** 

9 JUNE 2004



#### **SUMMARY**

<u>Project Title:</u> Famagusta Site <u>Author:</u> Kypros Toumbas

The project's goal is to develop a web site for presenting information about Famagusta. It was requested for the completion of the requirements for the award of the diploma. It is my pleasure to deal with the particular project since I fill the need to contribute to the memory of Occupied Famagusta and not only.

For the development of this project it was decided use Macromedia's Dreamweaver MX, which is a powerful authoring tool for creating web sites.

### TABLE OF CONTENTS

CHAPTERS	PAGES
Acknowledgments Summary	1 2 3
Introduction	3
CHAPTER 1 – INVESTIGATION PHASE	
1.1 <u>Initial Investigation</u>	4
1.1.1 Problem Definition	4
1.1.2 Information Gathering	4
1.1.2.1 Sources of Information	5
1.1.2.2 Statistics	5
1.1.2.3 Tools Comparison	6
1.1.3 Development Environment	6
1.2 <u>Feasibility Study</u>	7
1.2.1 Financial Feasibility	7
1.2.1.1 Hardware Costs	7
1.2.1.2 Software Costs	7
1.2.1.3 Operational Costs	8
1.2.1.4 Developmental Benefits	8
1.2.2 Operational Feasibility	8
1.2.3 Technical Feasibility	9
1.2.4 Schedule Feasibility	11
Conclusion	11
CHAPTER 2 – ANALYSIS AND GENERAL DESIGN PHASE	
2.1 Existing System Review	12
2.2 New System Requirements	12
2.2.1 Introduction	12
2.2.2 User Specification Document	12
2.2.2.1 Overview Narrative	12
2.2.2.2 System Function	13
2.2.2.3 Processing	13
2.2.2.4 User Interface	13
	1.0

#### Famagusta's Web Site – Table of Contents

2.3 New System Design	14
2.3.1 New System Design Specification Document	14
2.3.1.1 Performance Criteria	14
2.3.1.2 Security and Controls	14
2.3.1.3 Hardware Configuration	15
2.3.1.3 Hardware Comiguration	10
2.4 Implementation and Instillation Planning	15
2.4.1 Preliminary Implementation Plan	15
2.4.2 Preliminary System Test Plan	16
2.4.3 Preliminary Installation Plan	16
2.4.4 User Manual	16
CHAPTER 3 – DETAILED DESIGN AND IMPLEMENTATION	N PHASE
3.1 <u>Technical Design</u>	17
3.1.1 Human-Computer Interface Design	17
3.1.2 Fonts and Headings	17
e e e e e e e e e e e e e e e e e e e	18
3.1.3 Page Layout	18
3.1.4 Search Engine	18
3.1.5 Navigation	18
3.1.6 Graphics	10
3.2 <u>Test Specifications and Planning</u>	19
3.2.1 Unit Testing	19
3.2.2 Integration Testing	19
3.2.3 Function Testing	19
3.2.4 System Testing	20
3.2.5 Acceptance Testing	20
5.2.5 Acceptance Testing	20
3.3 <u>Programming and Testing</u>	21
3.3.1 Application Software Design	21
3.3.2 Display Systems-Monitor	22
3.3.4 System Testing	23
CHAPTER 4 – INSTALLATION PHASE	
4.1 Publishing the Web Site	24
4.2 Conclusion	24
References	25