HIGHER TECHNICAL INSTITUTE COURSE IN COMPUTER STUDIES

DIPLOMA PROJECT

\$

WEB BASED TRAINING MANAGEMENT SYSTEM CS / 277

ANASTASIOU CONSTANTINOS AVRAAM AVRAAM

JUNE 2002





Training Management System

Page No

TABLE OF CONTENTS

CHAPTER 1

INVESTIGATION PHASE

1.1 Initial Investigation Phase

1.1.1	Goal of the Project	1
1.1.2	Information about the people	1
1.1.3	Information about the work	2
1.1.3.1	Performance Criteria	2
1.1.3.2	Main forms and reports	3

1.2 Feasibility study

1.2.1	Introduction	4
1.2.2	Financial Feasibility	4
1.2.3	Operational Feasibility	7
1.2.4	Technical Feasibility	8
1.2.5	Schedule Feasibility	9
1.2.6	Human Factors Feasibility	10
1.3	Recommendations	11
		11
1.4	Final Recommended	12



CHAPTER 2

ANALYSIS AND GENERAL DESIGN PHASE

P	aor	e N	In
Ld	ay		U

2.1	New System Requirements	
2.1.1	Introduction	13
2.1.2	System Functions	13
2.1.2.1	Processing	14
2.1.2.2	Data Dictionary	14
2.1.3	Process Descriptions	14
2.1.4	Inputs to the System	17
2.1.5	Outputs to the User	20
2.1.6	User Interface with the System	20
2.2	New System Design	

2.2.1 New System Specification 21	
-----------------------------------	--

2.3 Implementation and Installation Planning

2.3.1	Preliminary detailed design and implementation plan	23
2.3.2	Preliminary system test plan	23
2.3.3	User training outline	24
2.3.4	Preliminary installation	24



Training Management System

CHAPTER 3

DETAILED DESIGN AND IMPLEMENTATION

ð

	4	Page No
3.1	Technical Design	
3.1.1	Application and Software Design	25
3.1.2	Back up Requirements and Recovery	25
3.1.3	Human Machine Interface	25
3.1.4	File Design	26
3.1.5	Security and Control measures	26
3.2 3.2.1	Test Specification and planning Test Specification	27
3.2.2	Test Plan	27
3.3	Programming and Testing Activity	27
3.4	User Training Activity	28
3.5	System Test Activity	28



CHAPTER 4

INSTALLATION PHASE

			Page No
4.1	System Installation	s	29
4.2	Data Input		29

CHAPTER 5

REVIEW PAHSE

		Page No
5.1	Development Recap	30
5.2	Post Implementation Review	30

APPENDICES

Appendix A	-	Context Diagram and Data Flow Diagram
Appendix B	-	Data Dictionary
Appendix C	-	Inputs and User Interface