HIGHER TECHNICAL INSTITUTE

COURSE IN COMPUTER STUDIES

DIPLOMA PROJECT

WEB PAGE FOR E-CARDS

CS/297

BY KOUTSOU ACHILLEAS

JUNE 2003



Introduction

The web page for e-cards provides users with the capability to send electronic greeting cards via the World Wide Web. Electronic greetings cards are sent daily for a great number of occasions (birthdays, holidays etc) and they are more widespread than the traditional cards due to their ease of use, instant delivery and the ability to have animations. Many similar sites exist on the web with a number of features such as categories for events and occasions, card customization, scheduled deliveries and address books.

The site to be developed will include all four features mentioned above in order to provide a complete and fun service for the users.

In the report that follows the System Development Life Cycle (SDLC) is used to demonstrate and analyze the various activities that are involved with the project. The SDLC is divided into five phases:

- Investigation Phase
- Analysis and General Design Phase
- Detailed Design and Implementation Phase
- Installation Phase
- Review Phase

TABLE OF CONTENTS

Introduction	1
1. INVESTIGATION PHASE	
1.1 Introduction	2
1.2 Initial Investigation Activity	3
1.3 Feasibility Study	7
2. ANALYSIS AND GENERAL DESIGN PHASE	
2.1 Introduction	10
2.2 Existing System Review	11
2.3 New System Requirements	12
2.4 New System Design	17
2.5 Implementation and Installation Planning	18
3. DETAILED DESIGN AND IMPLEMENTATION PHASE	
3.1 Introduction	19
3.2 Technical Design	20
3.3 Test Specification and Planning	21
3.4 Programming and Testing	23
3.5 User Training	24
3.6 System Test	25
4. INSTALLATION PHASE	
4.1 Introduction	26
4.2 File Conversion	27
4.3 System Installation	28

5. REVIEW PHASE

5	5.1 Introduction	
5	5.2 Development Recap	
5	5.3 Post Implementation Review	
6. APPENDICES		
Д	Appendix A – Specifications	
Α	Appendix B – Gantt Chart	
Α	Appendix C – Context Diagram & Data Flow Diagram	
Д	Appendix D – Data Dictionary	
	Appendix D1 – Data Stores	
	Appendix D2 – Data Structures	
	Appendix D3 – Processes	

Appendix E – Data Access Diagram

29

30

31