HIGHER TECHNICAL INSTITUTE

COURSE IN COMPUTER STUDIES

DIPLOMA PROJECT

A MULTIMEDIA ORTHODOX CALENDAR

CS/342

ALEXIA MYLONIA

8 JUNE 2005

ACKNOWLEDGEMENTS	4
SUMMARY	5
INTRODUCTION	7
1.1. A FEW WORDS ABOUT ORTHODOX	9
2.1. INTRODUCTION	11
2.2. INITIAL INVESTIGATION ACTIVITY REPORT	12
2.2.1. Introduction	12
2.2.2. Definition of the problem	12
2.2.3. Recommendations	12
2.2.4. Information Gathering	15
2.3. FEASIBILITY STUDY	16
2.3.1. Introduction	16
2.3.2. Feasibility Study Considerations 2.3.2.1. Financial Feasibility 2.3.2.2. Technical Feasibility 2.3.2.3. Operational Feasibility 2.3.2.4. Human Factors Feasibility 2.3.2.5. Schedule Feasibility	17 17 21 22 22 23
2.4. CONCLUSION	24
3.1 INTRODUCTION	26
3.2 EXISTING SYSTEM REVIEW	27
3.3. NEW SYSTEM DESIGN	28
3.3.1. Overview Narrative	28
3.3.2. System Function	28
3.3.3. Data Dictionary	28

MULTIMEDIA ORTHODOX CALENDAR

3.3.4. Outputs to the user	29
3.3.5. Input to the System	29
3.3.6. User interface with the system	29
3.3.7. Performance Criteria	30
3.3.8. Security and Control	30
3.4. IMPLEMENTATION AND INSTALLATION PLANNING	31
3.4.1. Introduction	31
3.4.2. Preliminary Implementation Plan	31
3.4.3. Preliminary System Test Plan	32
3.4.4. Preliminary Installation Plan	32
4.1. INTRODUCTION	34
4.2. TECHNICAL DESIGN	35
4.2.1. Introduction	35
4.2.2. Human Machine and Interface Design	35
4.2.3. Database Design	35
4.2.4. Application Software Design	36
4.3. TEST SPECIFICATIONS AND PLANNING	37
4.3.1. Introduction	37
4.3.2. Unit Testing	37
4.3.3. Integration Testing	37
4.3.4. Function Testing	37
4.3.5. System Testing	38
4.4. PROGRAMMING AND TESTING	38
4.5. USER TRAINING	38

MULTIMEDIA	ORTHODOX	CALENDAR

4.5.1. User Manual	39
4.6. SYSTEM TEST	40
5.1. INTRODUCTION	42
5.2. FILE CONVERSION	43
5.3. SYSTEM INSTALLATION	44
6.1. INTODUCTION	46
6.2. RECAP REVIEW	47
6.3. POST IMPLEMENTATION REVIEW	48
CONCLUSION	49
APPENDICES	
APPENDIX A	
APPENDIX B	

APPENDIX C

MULTIMEDIA ORTHODOX CALENDAR ACKNOWLEDGEMENTS

I would like to express our thanks and gratitude to the people who provided us their valuable help during the development of this project.

I need to express our special thanks and appreciation to Mr. Christos Makarounas, lecturer at the Higher Technical Institute, for his supervision and support during the development of the project.

I would like also to thank Mr. Christos Pashiardis who has helped me to collect some information.

Finally, I would like to express my special thanks to my family for their encouragement and moral support.

Thank you very much.

MULTIMEDIA ORTHODOX CALENDAR

SUMMARY

A MULTIMEDIA ORTHODOX CALENDAR

Developed by : Alexia Mylona

The original idea was suggested by the head of the Computer Studies Department of the Higher Technical Institute as a final year project towards the fulfillment of the requirements of the Diploma award.

The "Multimedia Calendar of Orthodox" is a multimedia package that provides educational and background information about the most serious **celebrations** and the fasting days . A combination of images, texts, sounds in English language is available to the user.

The major concern was to create an application that would cover all the aspects of information provided using various multimedia facilities, offering to users a user-friendly and interesting package.

This was the first involvement in the development of a multimedia package and as it was expected there were difficulties due to lack of experience.

All the multimedia packages need a huge effort and careful design and implementation. The "Multimedia Calendar of Orthodox" was definitely a difficult task to be carried out since all

MULTIMEDIA ORTHODOX CALENDAR

the information gathered had to be organized and implemented, providing the best possible results.

The specifications, objectives and requirements of the project can be found in Appendix A.

MULTIMEDIA ORTHODOX CALENDAR INTRODUCTION

The goal of this project is the production of a multimedia package, which will used as a multimedia calendar for Orthodox.

The project was suggested by the HTI Computer Studies Department as a Diploma Project. Its purpose is not only to fulfill the Diploma requirements but also, to attempt to inform the people about the **orthodox.** The proposed system will serve a variety of users (Christian Orthodox and others) that would like to learn more about the Orthodox. Furthermore, this multimedia package can be used for educational and for live presentation purposes provided that the necessary hardware and software exist.

I should mention that apart from the books and internet sites that cover different aspects of Orthodox. Despite that, through my multimedia package I have tried to reach a different approach of Orthodox subject in a user friendlier way and providing administrator with the ability of adding new information, delete them and update the given one. The package will be developed to offer a combination of text, images and sounds in English language. The user will have the opportunity to get an idea of the history of Saints.

Due the fact that the proposed system is a multimedia package some of the activities of the traditional System Analysis Life Cycle.