

HIGHER TECHNICAL INSTITUTE

COURSE IN COMPUTER STUDIES

DIPLOMA PROJECT

A MULTIMEDIA GUIDE TO PC HARDWARE

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INTRODUCTION

The objectives of this project are the analysis, design, and implementation of a multimedia guide. This project will guide the user through different hardware components of a computer, explaining their function and giving a brief history of computers.

This multimedia guide to hardware will seamlessly integrate graphics, text, sound, video, and animation into a functional program that will provide adequate info on the hardware components of computer systems.

Assessments of the knowledge gained by the user will be done mostly by multiple choice questions where the user will test on the concepts covered so far.

The primary purpose for the development of such a prototype multimedia guide is the need for a Computer Based Learning (CBL) system that will be able to communicate the ideas, concepts, and information derived from the various hardware components of computer systems. The prototype will try to address as wider as possible range of computer systems hardware available to the present day and provide the user with important educational, informational, historical and technical data. Even though the prototype will most likely be regarded outdated before too long, primarily due to the continuous evolution of computer-based hardware and technology, a modular design implemented in the functional part of the prototype will enable the updating of its content and the correction of its incorporated media.

I hope that the development of this multimedia guide to computer hardware will be useful for students as well as anyone interested in computer science.

CONTENTS

Acknowledgments
Introduction
System Development Life Cycle

1 Investigation Phase

1.1 Introduction	3
1.2 Initial Investigation.....	5
1.2.1 Define the problem.....	5
1.2.2 Existing procedures.....	5
1.2.3 Consider alternatives.....	6
1.2.4 Conclusion-Recommendation.....	7
1.3 Feasibility Study.....	8
1.3.2 Operational feasibility	8
1.3.3 Technical feasibility.....	9
1.3.4 Schedule feasibility.....	10
1.3.5 Financial feasibility.....	10
1.3.6 Human factors feasibility.....	11
1.3.7 Conclusion.....	11

2 Analysis And General Design Phase

2.1 Introduction.....	12
2.2 Existing system review.....	13
2.2.1 Review of existing system.....	13
2.2.1.1 Processing of Current System.....	13
2.2.1.2 Current System Inputs.....	14
2.2.1.3 Current System Outputs.....	15
2.3 New System requirements.....	16
2.3.1 Overview narrative.....	16
2.3.2 System function.....	16
2.3.2.1 History.....	17
2.3.2.2 Function.....	17
2.3.2.3 Architecture.....	17
2.3.2.4 Insight.....	18
2.3.3 Inputs to the system.....	18
2.3.4 Outputs to the user.....	18
2.3.5 User Interfaces with the system.....	18

2.4 New System design.....	18
2.4.1 Performance criteria.....	19
2.5 Implementation and Installation Planning.....	19
2.5.1 Preliminary Detailed Design and Implementation Plan.....	19
2.5.2 Preliminary System Test Plan.....	20
2.5.3 User Training Outline.....	21
2.5.4 Preliminary Installation Plan.....	21

3 Detailed Design And Implementation Phase

3.1	
Introduction.....	22
3.2 Technical Design.....	23
3.2.1 Program structure.....	23
3.3 Test Specification and Planning.....	24
3.3.1 Module (Unit) testing.....	24
3.3.2 Integration testing.....	24
3.3.3 Function Testing.....	24
3.3.4 System Testing.....	25
3.4 Programming and Testing.....	25
3.5 User Training.....	25
3.6 System Test.....	26

4 Installation Phase

4.1 Introduction.....	27
4.2 File Conversion.....	27
4.3 System Installation.....	27

5 Review Phase

5.1 Introduction.....	28
5.1 Development Recap.....	28
5.2 Post Implementation Review.....	28

Appendixes

A: Charts

Structure Chart

B: Articles

- 1 What equipment do I need to do multimedia**
- 2 Graphics**
- 3 Pitfalls**
- 4 Sound**
- 5 Sound**
- 6 Video**
- 7 Motion Video**
- 8 Why multimedia**