

HIGHER TECHNICAL INSTITUTE

COURSE IN COMPUTER STUDIES

DIPLOMA PROJECT

(USER MANUAL)

STAFF GUIDE TO OBSTETRIC ULTRASOUND

CS / 181

BY

PANAYIOTIS PANAYIOTOU & KYRIAKOS PROKOPI

10 JUNE 1997

HIGHER TECHNICAL INSTITUTE

COURSE IN COMPUTER STUDIES

**DIPLOMA PROJECT
(USER MANUAL)**

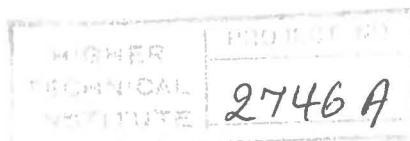
STAFF GUIDE TO OBSTETRIC ULTRASOUND

CS/181

BY

PANAYIOTIS PANAYIOTOU & KYRIAKOS PROKOPI

10 JUNE 1997



MULTIMEDIA GUIDE TO OBSTETRIC ULTRASOUND

Project Report Submitted by

Kyriakos Prokopi
Panayiotou Panayiotis

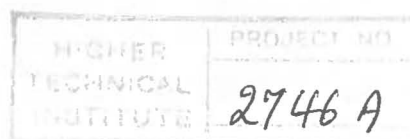
In part satisfaction of the
Award of diploma in Computer
Studies of the Higher Technical
Institute, Cyprus

Project Supervisor: Mr. Masouras Panicos
Bsc (Hons) Computer Science
Msc Information Mangement

External Assessor: Mr. Neophytos Xenophontos
Bsc (Hons) Computer Science
Msc Information Mangement

Type of Project: Multimedia

June - 1997



MediaGurus



Multimedia

Guide

to Obstetric
Ultrasound

User Manual

**Developed by Panayiotis Panayiotou and Kyriakos Prokopi for MediaGurus Inc.
In collaboration with the Higher Technical Institute and the University of Salford.**

TABLE OF CONTENTS

LETTER FROM THE DEVELOPERS.....	1	LEARNING THE INTERFACE.....	12
GETTING STARTED.....	3	Common Elements.....	13
About this Manual.....	4	Navigation Buttons.....	13
Terms and Conventions.....	5	Options Buttons.....	15
Before you Begin.....	6	Title, Page Number and Date.....	17
Minimum System Requirements.....	6	Screen Areas	18
Installation.....	6	Guide Cursors.....	21
Technical Support.....	6	Icon Representation.....	22
THE TUTORIAL.....	7	Sound Representation.....	23
Getting Started.....	8	Menu Screens.....	24
Running the Program.....	8	Text Screens.....	26
Navigating the Tutorial.....	8	Text Controls.....	28
Tutorial Sections.....	10	Video & Sound Controls.....	29
Using the Program.....	10	Slide Show Controls.....	30
Using the Links and Hotwords.....	10	Options Screen.....	31
Playing the Sound and Video.....	11	Questionnaire Page.....	33
Answering the Score Tests.....	11	Advanced Search Window.....	35
Contacting the Authors.....	11	Notepad Window.....	38
		Guide Navigation Map.....	40
		Other Navigable Pages.....	42
		MULTIMEDIA & SOFTWARE DRIVERS.....	45
		Multimedia Drivers.....	46
		Sound Drivers.....	46
		Video Drivers.....	47
		Display Drivers.....	48

TOOLBOOK RUNTIME SUPPORT.....	49	Limited Warranty.....	64
ToolBook Runtime Files.....	50	Organization Restricted Rights.....	65
		Software Clause.....	65
SETUP SCHEMES.....	51		
Standalone Setup.....	52		
Network Setup.....	53		
CD-ROM Setup.....	54		
Intranet/Internet Setup.....	55		
INTERNET ACCESS.....	56		
Internet/Intranet Support.....	57		
What is Neuron.....	57		
How to run the Guide using Neuron.....	57		
System Requirements.....	57		
CONTENTS OF THE CD-ROM.....	59		
Directory Structure and Files.....	60		
IN CLOSING.....	61		
Acknowledgements.....	62		
Software License Agreement.....	63		
License.....	63		
Terms of Using the Prototype.....	64		

LETTER FROM THE DEVELOPERS

The 'Multimedia Guide to Obstetric Ultrasound' is the largest project we have undertaken as a development team and we feel it is right to provide you with some historical info about it. Those of you who are not interested or bored by such stuff can leave this section any time you like. The rest of you can stay.

Development on the "Multimedia Guide to Obstetric Ultrasound" started during the Summer of 1996 at the University of Salford, as a part of the student industrial training policy in the Higher Technical Institute of Cyprus. We knew nothing about multimedia development at the time, but as it turned out we did just fine.

We were introduced to the subject by Dr. Peter Hogg of the Dept. of Radiography at the University of Salford. It started as a multimedia prototype that would enable the interactive presentation of the Obstetric Ultrasound process to professional staff. At the same time it should provide an educational extension that would enable Radiography students to navigate through the prototype, interactively learn through media integrated in the prototype and then test their knowledge by answering some test questions.

We quickly understood that due to the amount of data that would need to be included in the prototype and the work needed for designing and implementing a functional navigation system, the educational part of the prototype would remain unfinished. So we focused on the development of the presentation part that took us approximately one and a half months. During an initial presentation of the prototype (under severe development at the time) at the University of Salford we were proposed to continue its development as our Diploma Project in the following year. Obviously we accepted.

The project was accepted by the HTI as our diploma project and Dr. Peter Hogg visited HTI to give us instructions and advise us on the development of the project. The project supervisor assigned by the HTI, Mr. Panikos Masouras, met Dr. Hogg along with the development team and a course of action was laid down. Further communication between the development team, Dr. Hogg and Mr. Masouras was carried out by means of personal meetings, discussions and email. Development on the second version of the prototype started during the second semester of

our 3rd year course. After a lot of work on the transition from the first to the second version and a significant amount of project documentation taking place, the prototype entered Alpha and then Beta phase. A Beta version of the developed prototype was evaluated by Radiography professionals in Salford and their feedback was used to refine the prototype.

Development continued even after the project's documentation delivery day and the final version of the prototype was demonstrated to Mr. Masouras and Dr. Hogg at the project's formal presentation.

So here it is folks. The second version of the 'Multimedia Guide to Obstetric Ultrasound for Staff' is wrapped up and ready to go. Even though we started work on it to refine the first version and complete the educational part, we feel that this is more of an extensive rework of the prototype than a mere update of the first version. Enjoy it!

The Development Team (Pan & Kyr).