HIGHER TECHNICAL INSTITUTE

COURSE IN COMPUTER STUDIES

DIPLOMA PROJECT

STAFF GUIDE TO OBSTETRIC ULTRASOUND

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BY

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Introduction

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 anytime 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 e-mail. 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).

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