

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING DEPARTMENT

Diploma Project

«HIGHER TECHNICAL INSTITUTE - PAST, PRESENT, AND FUTURE»

DEVELOPMENT OF A COMPUTER PROGRAM
USING VISUAL BASIC

E. 1252

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HIGHER TECHNICAL INSTITUTE

NICOSIA - CYPRUS

ELECTRICAL ENGINEERING COURSE

DIPLOMA PROJECT

“HIGHER TECHNICAL INSTITUTE-
PAST, PRESENT, AND FUTURE”
DEVELOPMENT OF A COMPUTER PROGRAM USING
VISUAL BASIC

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BY
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INTRODUCTION

The main objective of this project is the development of a program with subject "Higher Technical Institute – Past, Present, and Future". The Higher Technical Institute, or HTI, was established in 1968 and since has had a very successful course in the educational field in Cyprus. In fact, it was the highest educational establishment in Cyprus until the creation of the Cyprus University. After decades of invaluable offer to Cyprus educational and industrial fields, the HTI has reached a milestone with its inclusion in the new University of Cyprus of Applied Sciences. The university is expected to receive its first students in 2003.

The programming language that was used for the development of the program is Visual Basic 6. The main reasons for choosing Visual Basic are:

- Visual Basic is the most popular programming language, which makes its learning an essentiality
- Compared to other languages, such as C++, Visual Basic allows the user to create windows applications very easily, which makes it ideal for the program that must be created
- Its vast popularity, means that there will be a lot of sources, especially in the internet, that will help the solving of potential problems.

The program offers practically any information a person may need about the Higher Technical Institute. There are documents, pictures, and even video clips that will allow the user to get a complete picture for HTI. The program's interface is really user friendly and in effect, a person who has never had any experience with computer programs before will find it easy to use. The following subjects provide information about Visual Basic, the program itself, and how the program was created. Apart from this project report, the program on the corresponding CD should be run in order to obtain a full understanding of the project

CHAPTER 1

VISUAL BASIC PROGRAMMING LANGUAGE