HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING COURSE

DIPLOMA PROJECT

DEVELOPMENT OF A COMPUTER BASED TRANSLATOR PHASE – I

E/902

BY : LOIZOU LOIZOS

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INTRODUCTION

The general idea of my project was the **Development of a Computer Based Translator - Phase I.** The main objective of the project is the creation of a program in order to be able to translate words from English to Greek and vice - versa. This translator is not extended for a large number of words but it is for a small number of words. There are about two hundred words from each letter.

Also this program gives the opportunity to the user instead of finding the translation of a word to add a new word in the translator if off course this word is not already in, to correct the words exist in the translator, to control the accuracy of a word and finally to quit and return back to the program.

This translator works using two dictionaries (DICT1, DICTT2). Dictionary one has first the English words and follows the Greek translation of the word. On the other hand dictionary two has first the Greek words and follows the English translation. In both dictionaries the words are grouped in files and for every letter there is the appropriate file. The letters are the normal alphabet letters and are grouped in alphabetical order. Also the words inside the letters are grouped in alphabetical order. Both dictionaries are independent between each other and the words which are in dict1 are not and in dict2. Also when a new word is added is added in the one dictionary which the user ask to be inserted and not in both dictionaries.

In the chapters following the use of the translator will be explained in detail e.g. how to go to start the system, how to go to the menu, explanation of the menu, explanation of the various subroutines used, tand finally conclusions and changes which can be done in order to be improved.

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