# HIGHER TECHNICAL INSTITUTE

## COURSE IN COMPUTER STUDIES

## DIPLOMA PROJECT

*DEVELOPMENT OF A SOFTWARE PACKAGE FOR*

*COMPUTERIZED CROSSWORD*

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# DEVELOPMENT OF A SOFTWARE PACKAGE FOR COMPUTERIZED CROSSWORD

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SUMMARY

The purpose of the project

The purpose of the project is to develop a user friendly system to allow the user to construct/solve a crossword.
The functions of the computerized crossword system that the project intents to cover include:

a. Maintainance of the crossword questions and answers.
b. Drawing of the crossword automatically and interactively depending on the user's choice.
c. Maintainance of a palette of colours for the user to select the colours to be used for the squares not containing a letter.
d. Maintainance of player scoring.

**Remark:** Because the 'computerized crossword' is not exactly like the traditional Database System, it is obvious that there may be some differences, practical or theoretical, in the way of developing the system.

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