HIGHER TECHNICAL INSTITUTE
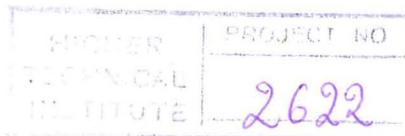## COMPUTER STUDIES DEPARTMENT
DIPLOMA PROJECT

TIMETABLING SYSTEM FOR EDUCATIONAL ESTABLISHMENTS

This project is submitted

in partial fulfillment of

the award of the

Diploma

in Computer Studies

of the

Higher Technical Institute

CS161
SYSTEM ANALYSIS

DESIGNED & IMPLEMENTED BY:
IOANNOU GEORGIA

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SUMMARY

The project provides a Data Base Management System and also a Decision Support System for the computerization of the time table for all the educational levels (primary schools, gymnasiums, lyceums, college and universities). The user will be able to keep data in the system for the lecturers, courses of study, rooms, modules and have ready made timetables which are produced by the system. These timetables can be manipulated by the user and change in order to satisfy the needs of the user.

For all the educational levels the information needed in order to prepare the timetable are the same (lecturers, rooms, lessons, courses of study, modules, classes).

In order to prepare the timetable and suit it for the right educational level the user will have to set the right parameters at the beginning of the program and then to pass the data.

The timetable will operate according to the data that exists in the system (lecturers, rooms etc.) and on the constraints that exist on the data.

The system provides On-Line Help and User Manual.

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APPENDICES