

**HIGHER TECHNICAL INSTITUTE**  
**COMPUTER STUDIES DEPARTMENT**  
**DIPLOMA PROJECT**

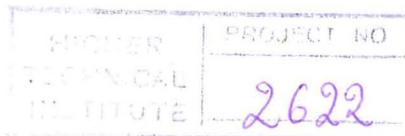
**TIMETABLING SYSTEM FOR  
EDUCATIONAL ESTABLISHMENTS**

This project is submitted  
in partial fulfillment of  
the award of the  
Diploma  
in Computer Studies  
of the  
Higher Technical Institute

**CS161**  
**SYSTEM ANALYSIS**

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## **TIMETABLING SYSTEM FOR EDUCATIONAL ESTABLISHMENTS**

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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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