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SUMMARY

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LYCEUM SCHEDULE SYSTEM

This project deals with the development of a time scheduling and a Combinations Creator system for the Cyprus Ministry of Education and Culture. More specifically this project deals with the development of a computerized system that will be able to produce a time table schedule for Special Types of Lyceums and also a list of available combinations of courses to take place the current year.

The Time Schedule system accepts the necessary data such as teacher name, number of hours for each class, number of sections, a number of constraints etc. and tries to produce a time schedule.
The Combinations Creator System accepts a number of constraints and the students selections of courses and tries to find out which courses can take place this year and a student what options can have.

In addition the Time Schedule performs the following tasks:
(a) Produces a Time Schedule based on Teacher names (by classes)

(b) Produces a Time Schedule based on Classes (by Teacher's names)

(c) On line help

(d) Input Validation

(e) Full Validations in case of manual changes

(f) A backup utility

(g) A recovery utility from the backups

(h) A Setup program

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