

Supplementary schedule management system

Description:

The software system addresses the registrar's issues in generating a fair schedule for supplemental exams and determining the optimal monitoring plan depending on each monitor's availability.

Is there an existing system?

There is no existing system, and the process is carried out manually through iteration to determine the best supplementary table and monitoring schedule.

What are the benefits of this system?

1. Students' fairness and ease of study.
2. Cut down on unnecessary time spent on this process.
3. If there is no existing monitor for the exam, another monitor will be provided to replace the first.

What are the key features of the system?

1. Making the best supplementary table possible using the student's name and supplemental materials.
2. Creating a monitoring timetable by taking the monitor's name and the days he is available.

Case Study:

There are two scenarios:

1. The registrar will take the first student's supplementary materials and attempt to create a table with a gap between any two subsequent exams, but he will not be able to change the dates of subjects that are shared with the other departments. He will repeat the process for all students in the hopes of creating a fair table.
2. Before the release of the supplementary table, there should be a supervisor who oversees the monitors and has access to an exam room. The system should then check the appropriate days for both supervisors and monitors in which they are available.