

AI Based Lecture Scheduling Algorithm

This project will use genetic algorithm (not only constraint to it) to schedule lecture depending on different variables such as contents in courses, percentage completion of courses, available lecturers, number of days for teaching and amount of time available each day and many other parameters. It will create time table for weeks or month(s) and (if task given) assign lecturer to each course depending on their knowledge of other courses (if no teacher available for that course). It can work on multiple level of granularities from assigning time to whole semester to assigning time to each modules of subject depending on their weightage.

Flowchart

