

An Automated Timetable Generation System for Academic Expertise Matching

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Abstract: For educators, creating time tables is a laborious task that requires a lot of manpower and time. It will be easier to produce time tables automatically if an automatic time table generator is available. Our project's proposed solution will aid in its automatic generation and time-saving. It does away with the difficulty of manually creating and maintaining a schedule. We want to employ resource scheduling, heuristic, and genetic algorithms in our project to lessen the challenges associated with creating timetables. Several strategies are incorporated into these algorithms with the goal of making the search process more efficient. The number of subjects, teachers, workload of a teacher, semester, and subject priority are just a few of the inputs that the system will get. Based on these inputs, it will produce potential schedules for the working days.

Keywords: PHP, Mysql, Timetable, Generation

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