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Automatic Timetable Management System

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Abstract: *We provide a solution for an intelligent auto-generate scheduling system made especially for the academic sector. When making an accurate and highly successful timetable, it is important to take into account the availability of classrooms, students, lecturers, courses, time slots, and other aspects. These time-consuming elements contribute to how challenging it is to create the same. It is crucial to keep in mind that each course may have one or more lecturers and classes, depending on the total number of students enrolled for the particular semester. The evaluation of instruction by students is crucial in the educational system. A lexicon-based technique can be used to analyse student responses to determine whether they have a positive or negative attitude. The analysis of the student response and the gathering of opinions are the key goals of this study.*

Keywords: Timetable system, Smart scheduling, Opinion mining, Teaching Evaluation

REFERENCES

[1] Sara Ceschia, Andrea Schaerf, Educational timetabling: Problems, benchmarks, and state-of-the-art results (Survey), Submitted in 2021, accepted in 2022
[2] Mrunmayee V. Rane,Vikram M. Apte,,Vishakha N. NerkarMani Roja Edinburgh,K.Y. Rajput "Automated Timetabling System for University Course"5-7 March 2021
[3] Joo SiangTan, Say LengGoh, GrahamKendall, Nasser R.Sabard "A survey of the state-of-the-art of optimisation methodologies in school timetabling problems" 1 March 2021
[4] LandirSaviniec, Maristela O.Santos, AlyssonM.Costa, Lana M.R. dosSantos "Pattern-based models and a cooperative parallel metaheuristic for high school timetabling problems"1 Feb 2020
[5] Tiny Wijerathna Ekanayake, Pavani Subasinghe, Shawn Ragel, Anjalie Gamage, SuchiniAttanayaka," Intelligent Timetable Scheduler: A Comparison of Genetic Graph Coloring, Heuristic and Iterated Local Search Algorithms", December 5-6,2019.
[6] Sundresan A/L Perumal, Mujahid Tabassum, Norita MD Norwani, Ganthan A/L Narayana Samy, Sivanathan A/L Perumal," Development of an Efficient Timetable System using AngularJs and Bootstrap3" 2018
[7] Namrata Bodas, Jhanvi Shah, Yash Shah, Aishwarya Sontakke, Dnyaneshwar Dhangar. "Exam Cell Automation System and Timetable Generator" 2018
[8] Yash Lahoti, Aaditya Punekar, Hiten Patel, Vishal Bhimsariya," Automated Timetable Generator", Jan 2017