

Submission Summary

Conference Name

6th DOCTORAL SYMPOSIUM ON COMPUTATIONAL INTELLIGENCE

Paper ID

291

Paper Title

ProjectSpace: A Comprehensive Framework for Automated Project Guide Allocation in Academic Institutions

Abstract

Assigning guides to undergraduate students is a critical task that significantly influences the success of their projects. Traditional manual methods face challenges, including mismatches between project domains and guide expertise and difficulty balancing student preferences with guide availability. To resolve these challenges, we propose a web-based system that utilizes a genetic algorithm to automate the guide allocation process. The system efficiently matches students with guides based on project domains, guide expertise, availability, and preferences. If no relevant matches are found, the Project Coordinator facilitates manual allocation. In addition, the platform simplifies the process, reduces workload, eliminates paper-based tasks, and ensures fair and efficient allocation.

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Submission Files

ProjectSpace Paper.pdf (2.7 Mb, 10/12/2024, 20:36:23)
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