SIADUS - System of Inclusive Assistance for Disabled University Students

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Abstract. *SIADUS is a digital platform designed to improve support for students with disabilities in higher education. It connects students with disabilities, student-assistants, and institutional coordinators in one structured system. Students with disabilities enter their needs and schedules, while student-assistants enter their availability and the forms of support they are willing to provide. Based on this information, the system proposes suitable matches, which can then be reviewed and confirmed by a coordinator. The platform also enables institutions to monitor cooperation, collect user feedback and manage the process more clearly. In this way, SIADUS helps students with disabilities receive more predictable and personalized support, gives student-assistants a structured way to help their peers, and reduces the administrative burden on higher education institutions. By encouraging cooperation among students, it also supports inclusion and a stronger academic community. Its modular design allows the system to be adapted to the organization and preferences of different faculties and universities. The pilot implementation of SIADUS has been completed at the Faculty of Economics & Business, University of Zagreb. The pilot enabled the system to be tested in real conditions, user feedback to be collected, and areas for further improvement to be identified. Based on the experience gained, SIADUS is being further developed and prepared for possible implementation at other higher education institutions. The team is currently developing an additional employment module that will connect people with disabilities with suitable employers and support their transition from higher education to the labour market.*

Keywords. inclusive higher education, students with disabilities, peer assistance, digital platform, algorithmic matching, institutional support

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References

SIADUS. (n.d.). *System of Inclusive Assistance for Disabled University Students*. https://siadus.com/