

THE RELEVANCE OF IMPLEMENTING A SOFTWARE SOLUTION FOR PREPARATION OF EXTRACTS FROM STUDY PLANS

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In today's academic landscape, existing systems, like the Automated Educational Process Management System (AEPMS) NTU «KhPI» [1], have revealed limitations in effectively generating and storing crucial data extracts from educational plans. The gap also encompasses ensuring that students have full access to crucial information about their academic paths.

Moreover, for students who are abroad or in the occupied territories, having swift access to essential documents like study plans and academic progress reports is paramount. Oftentimes, obtaining such documents can be a lengthy and bureaucratic process, leading to delays in academic planning and administrative procedures. By implementing this software solution, regardless of geographical location, students can efficiently access and manage their study plans and progress reports in real-time. This not only streamlines administrative tasks but also empowers students to take proactive steps in their academic journey, whether it's planning future courses or fulfilling program requirements while studying abroad.

The solution, which proposed for development, must aims to provide the ability to import information from the AEPMS and to store this information on servers that allow access regardless of location but without permission to edit these files. Such information include data about students' study plans, their allocation into groups, the study plans they follow, and the actual plan data. Only individuals from NTU «KhPI» should have access to this system. This system is intended to enhance the capabilities of the AEPMS for students in occupied territories and those studying abroad. The capability to upload and store study plans in different formats that are high-demand options for students, including Excel and Word, while ensuring data integrity within a secure repository.

Incorporating automation to swiftly generate essential extracts from educational plans, customizable to meet specific informational requirements. Ensuring smooth integration with existing university systems, such as AEPMS, to harmonize data flow and optimize operational efficiencies.

Program should also provide an intuitive and user-friendly interface within the system that allows 90% of users to generate extracts without consultation.

By embracing such a tailored software solution, students can navigate the complexities of study planning with agility and precision. This not only enhances administrative effectiveness but also empowers stakeholders with the insights needed to support student success and academic excellence.

References:

1 Автоматизована система управління учбовим процесом НТУ «ХПІ» (АСУ УП) // http://www.kpi.kharkov.ua/ua/wp-content/uploads/sites/3/2018/05/asu_ua.pdf , 07.05.2024.