Blended Intensive Programme (BIP): Development of a University Student's Registration System

The virtual mobility: 2025 09 22 – 2025 11 21

The physical mobility: 2025 11 24 – 2025 11 28

Place: Vilniaus Kolegija/Higher Educational Institution, Technical Faculty, Olandų str. 16, Vilnius

The proposed project will be implemented within the framework of a **Blended Intensive Programme (BIP)**, bringing together students from various study programs such as Information Technologies, Computer Science, Software Engineering, and Educational Technology. This interdisciplinary integration is justified by the project's nature, which requires a combination of programming, systems analysis, educational process understanding, and user-centered design. Collaboration among students from different academic backgrounds not only enriches the development process but also promotes innovation, cross-cultural teamwork, and professional growth.

Project Aim

The main goal of this BIP project is to design and develop a prototype of a university student registration system that would ensure efficient academic information management and facilitate digital transformation processes within higher education institutions.

Project Objectives

- To analyze the needs and requirements of an academic information system from the perspectives of different stakeholders (students, lecturers, administrators).
- To design the system architecture and user interface that aligns with modern usability and accessibility standards.
- To develop core functionalities such as user authentication, course management, grade tracking, and reporting tools.
- To test the system in a simulated environment and collect feedback for further refinement.
- To promote collaborative, interdisciplinary learning and digital skills development in an international academic context.

Required Student Competencies

Students participating in this BIP project are expected to demonstrate the following competencies:

- **Technical Skills**: Knowledge of software development, database management, and web technologies.
- **Analytical Thinking**: Ability to identify system requirements and propose logical solutions.
- **Project Management**: Skills in planning, task delegation, and time management in team-based environments.
- **Communication and Collaboration**: Proficiency in working with international peers, presenting ideas clearly, and participating in collective decision-making.
- **User-Centered Design Awareness**: Understanding of interface usability principles and end-user needs in academic contexts.

This project will serve as both a technical challenge and a learning opportunity, promoting digital competencies, practical application of knowledge, and international collaboration among students from diverse academic fields.