AISS

Artificial Intelligence for Studies and Support in Higher Education

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AISS Project implementation

The **AISS** project is advancing the integration of artificial intelligence in higher education by developing virtual assistants designed to support students and academic teachers. This initiative focuses on leveraging chatbot technology to enhance efficiency, accessibility, and student learning experiences. One of the key aspects of the project is the use of chatbots to streamline learning, teaching, and administrative processes.

A key aspect of the project is the enhancement of curriculum support through AI-powered virtual assistants. These tools guide students in selecting courses, accessing relevant study materials, and navigating their academic journey. They also provide real-time assistance tailored to individual needs, fostering a more personalized learning experience.

Student evaluation and assessment are also being transformed through chatbots. Virtual assistants help with quizzes, provide feedback on assignments, and offer adaptive learning solutions. By integrating AI in the assessment process, universities can ensure more dynamic and effective student evaluation methods.

Another major area of development is the use of chatbots to streamline administrative processes. These AI-driven chatbots provide instant responses to student inquiries, assist with application procedures, and facilitate communication between students and university services. By automating routine tasks, chatbots reduce administrative workload and improve efficiency.

As part of this initiative, chatbot scenarios are being designed, tested, and implemented within selected study programs. The main objectives include increasing the use of AI in education, strengthening cooperation between higher education and industry, and enhancing students' digital learning experiences. The expected outcomes include the development of virtual assistants, guidelines for chatbot implementation, and comprehensive pilot testing to ensure quality and effectiveness.

By leveraging AI-driven chatbot technology, the **AISS** project is shaping the future of higher education, making learning more efficient, accessible, and tailored to individual student needs.

As AI continues to evolve, the potential for chatbot applications in education will only expand, driving new innovations in teaching, assessment, and student support. The intersection of artificial intelligence and higher education presents exciting opportunities for reshaping traditional learning environments. With thoughtful implementation, chatbots can become indispensable tools in modern education, bridging gaps and enhancing the overall experience for students and educators alike.

3rd AISS project meeting

On November 7-8, project partners gathered in Kraków, Poland, for a project meeting hosted by the Pontifical University of John Paul II in Krakow (UPJP2).

The meeting focused on the progress of the **AISS** project, addressing administrative updates and technical aspects. A major highlight was WP3 – the Development of a Virtual Assistant tailored for specific study programs. Partners shared insights, exchanged ideas, and outlined the next steps for implementation.

Florida Universitària
www.FloridaUniversitaria.es
Coordinator

UNIVERSITÄT BAYREUTH
www.uni-bayreuth.de

The Pontifical University of John Paul II in Krakow
https://upjp2.edu.pl

ktu 1922 kaunas university of technology
https://ktu.edu/

AISS dissemination event for UPJP2 community

On November 8, an engaging dissemination event for the **AISS** project brought together over 40 students and academic staff.

The session presented the project's transformative potential in higher education and how AI-driven solutions can be part of everyday academic life for students and teachers.

Project team members shared groundbreaking insights, key research findings, and strategic plans, underscoring the vital role of AI-based tools in shaping the academic landscape.