

Title: AI and Digital Well-being Plugins for Moodle - results of the project STTAIRS

Short summary of presentation: The STTAIRS project aims to develop a Moodle-based learning environment that supports AI-enhanced teacher training, multilingual access, accessibility, and digital well-being. The LMS has already been established as the central space for project learning activities, resources, testing, and future pilot training.

Work package 2 of the project includes the technical selection and evaluation of AI-related Moodle plugins and digital well-being tools. The process included identifying relevant plugins, analysing their functionality, pricing models, technical requirements, data protection aspects, and suitability for integration into the STTAIRS LMS. Selected tools were installed in the Moodle environment and tested by partner institutions using common criteria such as usability, functionality, pedagogical value, technical limitations, and sustainability.

Based on partner testing and comparison of results, the project selected a custom-developed Moodle chatbot as the core AI component, supported by SmartEdu – Intelligent Learning. The chatbot was chosen because it can be integrated directly into Moodle, configured at the course level, use course content and selected Moodle data for contextual support, and connect to different AI providers through standard APIs. SmartEdu complements the chatbot by generating summaries, quizzes, and learning materials directly from course content.

For digital well-being, feedback, and engagement, the selected tools are Point of View, Good Habits Activity, and Stash. The implementation follows a phased approach, including technical validation, LLM model evaluation, controlled AI usage budgeting, pilot testing, and preparation for production deployment.