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AI TOOLS FOR VET SCHOOLS

2024-1-RS01-KA220-VET-000254863

Midterm workshop: 30 June-03 July 2025 in Pirot, Serbia

Venue: Technical school, Pirot

Monday, 30th June 2025

The meeting commenced at 09:00 with a **welcome word and agenda overview** delivered by the Serbian team. Participants were greeted warmly, and the objectives and schedule for the following days were outlined.

From 09:30 to 10:00, the Serbian team presented a **cultural introduction to Pirot and Serbia**, sharing insights into local history, traditions, and the region's unique cultural heritage.

At 10:00, attendees took a **guided tour of the Technical School's workshops and laboratories**, gaining firsthand exposure to the educational environment and technical resources available at the host institution.

A **coffee break** was held from 10:30 to 11:00, facilitating informal networking among all partners.

From 11:00 to 12:30, partners jointly delivered **recapitulation presentations** highlighting progress achieved so far:

- A presentation and demonstration of the Learning Management System (LMS) platform.
- An overview of prepared **materials for AI theory and exercises** developed collaboratively.

The session concluded with a **final evaluation discussion** focused on the content, translations, and further refinement of the materials.

A **lunch break** followed from 12:30 to 14:00 at the Technical School premises, allowing partners to continue discussions informally.

The day concluded with a **cultural visit and exploration of Pirot** from 14:00 to 16:00, offering participants a deeper cultural immersion and appreciation of local heritage.

Tuesday, 01st July 2025

The day began early with an **organized trip to Niš**, departing Pirot at 08:00 via two minibuses.

Between 09:00 and 10:00, participants visited the **Faculty of Electronic Engineering in Niš**, gaining insights into academic research and technological advancements in the region.

From 10:00 to 11:00, the group toured the **Science and Technology Park**, exploring local innovations and entrepreneurship initiatives.

At 11:00, the group visited the **Niš City Fortress**, followed by **free time** from 11:30 to 13:15 to explore the city independently.

The afternoon program continued with visits to significant cultural and historical sites:

- **The Skull Tower** (13:15 – 14:00)
- **Archeological Park Mediana** (14:00 – 15:00)

At 15:00, the group arrived at **Malca Winery**, where participants enjoyed a tour through four wine houses, tasting four different wines paired with cheese.

The day concluded with a **lunch at the Malca restaurant** from 15:45 to 17:00, followed by the return journey to Pirot, arriving back at the hotel around 18:00.

Wednesday, 02nd July 2025

The morning sessions focused on **presentations of AI tools for teachers and students**:

- Serbia (08:00 – 08:35)
- Slovakia (08:35 – 09:10)
- Portugal (09:10 – 09:45)

Partners provided demonstrations and shared experiences regarding various AI tools and their integration into educational practices.

A **session for conclusions, suggestions, and improvements** was held from 09:45 to 10:30, fostering discussion on the project's progress and opportunities for further collaboration.

Following a **coffee break** (10:30 – 11:00), participants embarked on a **hiking trip to Kozji kamen (Goat Stone viewpoint)** from 11:00 to 15:00, enjoying nature and informal networking.

The day concluded with a **lunch at Vrelo restaurant** from 15:00 to 17:00 and the return to the hotel by 18:00.

Thursday, 03rd July 2025

The final day began with a **practical demonstration session (09:00 – 12:00)** led by the Serbian team, showcasing various AI equipment and technologies, including:

- Dobot Magician collaborative robot
- Raspberry Pi 5 with AI Kit/AI HAT+
- PiRacer AI Autonomous Racing Robot
- VR Meta Quest 3
- NVIDIA® Jetson Orin™ Nano Developer Kit

A **coffee break** was held from 12:00 to 12:30.

From 12:30 to 14:30, all partners engaged in the **evaluation of the project's first phase** and discussed the next steps, including the upcoming workshop in Faro. The session included:

- An open Q&A
- Collaborative discussion on improvements
- Planning future tasks and responsibilities

The event concluded with a **certificate award ceremony and farewell session**, recognizing participants' contributions and solidifying commitments for ongoing collaboration.

Conclusions

The four-day meeting successfully:

- Reviewed and evaluated project outputs developed so far.
- Facilitated knowledge sharing on AI tools and practical technologies.
- Strengthened cultural ties and mutual understanding among partners through cultural visits and social activities.
- Defined clear steps for future project phases, ensuring continued progress and collaboration.

All partners expressed satisfaction with the outcomes and enthusiasm for the upcoming workshop in Faro.