AI-driven Digital Education for future-proof upskilling

Overview: within the EU initiative DigiEduHack, the Young European University Network (YERUN) invites master students to an hackathon where they will actively explore how to apply AI in long-life learning education.

Participants will be trained on the features of AI with a specific focus on its impact on digital education and will be engaged on the specific challenges of applying AI to professional long-life learning courses.

Approach: participants will be guided in developing their proposals according to the Design Thinking:

1) empathise, reflecting on the challenges professionals face to keep up with new AI tools and approaches;

2) discover, listing what extended reality can provide in overcoming such challenges;

3) define, focusing an AI-driven solution and specify the strengths of its value proposition;

4) ideate, reflecting on the match between the desired features and the currently available AI tools

5) prototype, sketching the selected features using currently available AI tools.

Goal: the primary goal of hackathon participants is to harness AI's potential to create innovative, large-scale digital courses for professional upskilling. It focuses on designing value propositions that enhance lifelong learning by combining technical and behavioural skills, while addressing the unique needs of professionals from diverse backgrounds. Participants will explore how AI can drive personalized learning and adaptive training in industries impacted by digital transformation and sustainability challenges.

Requirements: participants are expected to:
- attend two focused webinars plus a few testimonials
- be curious about how AI might change education
- actively engage in learning and experimenting innovative AI-driven digital education proposals
- collaborate in international teams

There are no prerequisites as to the knowledge/experience in AI and AI in education.

Support: during the hackathon, participants will be able to rely on:

- Expert-Led Webinars: Two focused sessions on AI's potential in digital education and targeted professional upskilling, offering foundational knowledge.
- Mentorship: Dedicated mentors from participating universities and professional associations will guide teams, providing feedback and insights.
- Technical Resources: Access to AI tools and platforms to support the development of digital course proposals.
- Collaboration Platforms: Digital tools for seamless communication and team collaboration.

Timetable: the hackathon will run from Friday November 8th 2024 to Saturday November 16th 2024 with the following schedule:

Hackathon timetable		From	To	Topics	Expected output	
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Friday	November 8th	16:00	18:00	Webinar on "The state of the art of Gen AI" (2 hours)		
Saturday	November 9th	09:00	12:00	Overview on Design Thinking methodology and Digital Education + groupwork start (3 hours)	Groups ready to start their work	
Saturday	November 9th	13:00	16:00	Group activities on Empathise (3 hours)	Key pain points understood	
Monday	November 11th	16:00	18:00	Webinar on "Gen AI in Search & Selection services" (2 hours)		
Tuesday	November 12th	16:00	18:00	Webinar on "Testimonials of Gen AI applied professional services" (2 hours)		
Wednesday	November 13th	15:00	19:00	Group activities on Discover (4 hours)	Alternative ideas on possible value propositions	
Thursday	November 14th	15:00	19:00	Group activities on Define (4 hours)	Detailed selected value proposition(s)	
Friday	November 15th	15:00	19:00	Group activities on Ideate (4 hours)	Alternative implementation approaches for the selected value proposition(s)	
Saturday	November 16th	09:00	12:00	Group activities on Prototype (3 hours)	Detailed selected implementation proposal(s)	
Saturday	November 16th	13:00	16:00	Plenary discussion on the proposals and award ceremony (3 hours)	Presentation of the group proposal	
				In red: webinars that provide key information for developing effective proposals in the hackathon		
				In blue: key sessions for setting & closing groupwork		
				In black: sessions that group can manage in a rather flexible way		

Credits: in case authorised by your master programme, the participation to the hackathon will grant you 3 credits as extra activity as long as you attend at least 80% of the programme and to a positive evaluation on the final group proposal.

Registration: participants will have to register at:

https://digieduhack.com/challenges/ai-driven-digital-education-for-future-proof-upskilling

YERUN will organize three online walk-ins where participants can get an overview and ask questions:

https://us06web.zoom.us/j/86105225310?pwd=2kz8car4q7nDMQmJbFZhpBBnahRHx6.1

The time slots (in CEST) for the walk-in are:

- **14 October:** 15:00–16:00

- **23 October:** 16:00–17:00

- **28 October:** 11:00–12:00