


INNOEDUHACK 2025

 **It's November 14th, 9:00 AM CET.**

You now have 24 hours to develop your solution for the future of education.
You can work **individually** or in teams of **up to 5 people**.

- 👉 Each team member must register separately - [LINK](#)
- 👉 Only one person per team needs to upload the final project.
- 💡 15 prizes of **300 EUR** each will be awarded **per project**, not per person.
- 🕒 Deadline: **November 15th, 9:00 AM CET.**

Please submit a one-page solution (this page + one page for your solution).

TEAM INFORMATION:

Team name: Modern Digital Brain Hackers

NO.	NAME & SURNAME	UNIVERSITY If ALK student, include the year of studies, the name of the program and Student ID Number
1	Marlena Skórnóg	1 Year, MiM, 48421
2	Pola Tannenberg	1 Year, MiM, 48432
3	Iwona Zięba	1 Year, MiM, 55141
4	Barbara Piotrowicz	1 Year, MiM, 48186

!! Meta-Category is: **Digital Transformation & AI** – all ideas should address changes driven by digitalisation and new technologies, especially AI.

Select Your Category (choose one):

- ☐ Assessment & Grading – new models for evaluating student performance
- ☐ Teacher Support – tools helping educators deliver engaging classes
- ☒ **Student Support – solutions that improve the learning experience**

Recommended Solution Template:

- 1. Problem Statement:** One-sentence definition of the problem (the essence).
- 2. AS IS:** Current Situation: Describe the context with data and pain points. Why is solving this problem essential?
- 3. Game Plan:** Your Solution: How do you get there? What's your approach or process?
- 4. Technology (optional):** You don't need to code it! But a mockup or simple sketch of functionalities increases your chances.
- 5. Vision of Success:** How will the user experience change? How will you measure success (KPIs, outcomes)?

Evaluation Criteria

- ☒ Creativity – originality and novelty of the idea
- ☒ Feasibility – practicality and potential for implementation

Hackathon Support

💬 Microsoft Teams link:

Join the meeting now:

Meeting ID: 388 725 417 436 34

Passcode: JM9HW3tP



Supported by:



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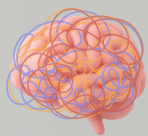


EduVRse



Modern solution for common problem - learning for everyone more effective than ever.
Your safe space to achieve personal study goals!

PROBLEM



- Short attention spans
- Problem with focus due to ADHD, dyslexia and autism-spectrum conditions
- Neurodivergent students
- Overload of text-based materials
- Home-schooled students who often lack structured guidance and interactive learning formats.

SOLUTION



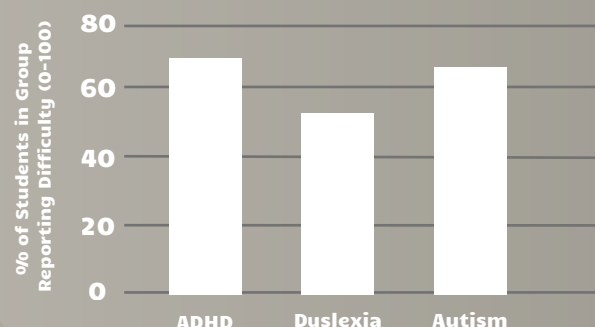
- Transforming traditional lectures and materials into engaging, easy-to-absorb experiences
- Immersive 3D lessons, short videos, and simplified visual explanations
- A personalized AI teacher avatar answering questions in real time
- Additional features like body data, eye tracking, predictive analysis.

RESULT



- Reduced frustration and cognitive overload
- Transforming difficult material into clear, manageable segments
- Greater accessibility and inclusivity
- Breakthrough improvements for neurodivergent learners

Reported Learning Barriers Among Neurodivergent Students



sources: [Internal Survey on Cognitive Load in Higher Education, 2023](#) and [Inclusive Education Report, 2022](#)

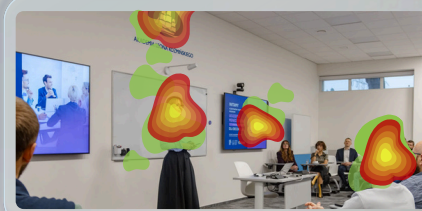
The graphical representation of real problem. Can you guess how many neurodivergent students struggle with traditional learning methods? 72% of students with ADHD find it hard to stay focused, 56% of dyslexic students struggle with reading, and 68% of autistic students have difficulty understanding lecture-based teaching.



Eye-tracking system

EduVRse integrates **real-time eye-tracking** to precisely measure each student's attention span and learning patterns. By observing gaze stability, focus shifts, and engagement levels, the system can automatically identify moments of fatigue or cognitive overload.

For students with additional needs - the platform provides **personalized reminders** prompting them to take breaks at the right moment.



Preview of EduVRse desktop



8:16



My avatars



My places



My AI teacher



My files



My lectures



Start new lecture



Visual explanation



Setting



AI Teacher



My avatars

Ability to choose or customize the lecturer/character who will present the content.



My places

Library of different environments or scenes where your lecture can take place.



Start new lecture

Start building a brand-new lecture from scratch.



Visual explanation

Tools for creating visual aids - diagrams, drawings, icons, or visual notes.