



DigiEduHack Solution

Emerging technologies for holistic learning (Berlin)

Challenge: Emerging technologies for holistic learning (Berlin)

VR platform for language learning

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A platform aimed to help people learn new languages using VR technology combined with gaming tools and AI.

Team: #25_language-learning

Team members

Katya, Nika, Alina, Idan (MTA)

Contact details

idanks@mta.ac.il

Solution Details

Solution description

A VR "game" that takes the student into an adventure or another gaming scenario, where the goal is to learn new languages based on proven language learning principles (like repetition, association etc). The VR would allow the combination of verbal and visual elements in order to enhance the student involvement in the learning process.

Using AI and personalization, the learning process would suit the level of the participant, setting up the participant to success and building confidence.

Combining gaming tools such as scores, challenges, adventure-like scenarios - hopefully making the participants willing to spend more time "playing" and practicing the language.

Solution target group

Anyone trying to acquire a new language.

Solution impact

Making learning a language a fun activity rather than a mandatory or a school task.

Measuring progress would be able due to the use of digital tools tracking the progress.

Solution tweet text

A new adventure where you can learn a new language!

Solution innovativeness

Using multiple scenes, gaming-like scenarios, AI combined to monitor and personalize progress - the combination can bring a unique and attractive platform that can help anyone around the world learn a new language in a fun way.

Solution transferability

The platform can be used for education about other subjects, for example medical training.

Solution sustainability

For start, schools can purchase the needed equipment (gaming scenarios, goggles) and let students take practice instead of regular language classes.

Another idea is to implement the app into existing gaming platforms like X-box and such for home use.

Solution team work

Working in a team helped to develop the idea to its current state.

In order to develop it further, we must expand the team of course and keep moving together.