Language serves as the gateway for cultural heritage. This challenge aims to develop an AI-driven system for teaching endangered or forgotten languages to young learners. By utilizing vocal recognition, the aim is to create an autonomous, captivating educational experience that motivates the next generation to preserve linguistic diversity.

**Problem definition**
Minority languages are often spoken less frequently due to the dwindling number of learners. The disappearance of languages, under the weight of global and political pressures, poses a threat to cultural diversity. Engaging younger generations is key to reversing this trend, yet it requires innovative, technology-driven solutions that resonate with their experiences and expectations.

**Description**
Develop an AI-powered system that leverages vocal recognition to teach and evaluate young learners in endangered or forgotten languages. The challenge is to design a solution that is both autonomous and engaging, effectively captivating the youth's interest in language preservation.

**Key questions**
1. In what ways can AI tailor language learning to accommodate diverse linguistic structures?
2. How might we document and revive languages facing extinction?

**Links**
Endangered languages project: https://www.endangeredlanguages.com/about/

**Skills**
The project needs AI and Machine Learning (focus in computer vision), XR Development, Linguistics (endangered languages) and UI/UX Design.

**Partner**
Chair of Human-Centered Technologies for Learning https://artisanxr.edu.sot.tum.de/