XR MOOC Specialization Course 1: Intro to AR/VR/MR/XR
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Assignment 1: App Classification

Welcome to your first honors track assignment in this course! Your task is to classify an XR application along the reality–virtuality continuum. This assignment consists of five (5) steps:

1. **Find an XR app to try out with your equipment** (see [XR Technology Landscape](#) lecture)
2. **Try out the app on your XR device and analyze the user experience**
3. **Classify the app as *either* AR *or* VR, MR only if unsure, XR if both**
4. **Consult the *What is Mixed Reality?* research paper to confirm your choice**
5. **Optional: Try out another app at the opposite end of the spectrum**

Note: The task is to find two (2) new apps that you have not tried before. Ideally, you would be looking at an AR app and a VR app, if you have access to VR equipment. In the standard track, you may have already tried an AR app on your smartphone following our instructions. Given the variety of VR headsets, it is not possible to give similar instructions to access a VR app. Please refer to documentation provided by the vendor. If you're using Cardboard, then here is a list of [Google Cardboard Apps](#).

Expected results

- Better overview of the XR technology space
- Considering the entire spectrum, not just the extremes
- Possible definitions of mixed reality to facilitate communication

Submission

Please submit the following information and supplementary materials (as PDF document or PNG image, optionally MP4 video) to the XR Applications Gallery:

Title: Enter the name of the XR app you tried. *This text will appear as the title of the submission in the gallery.*

Category: In terms of the reality–virtuality continuum, choose the category that best fits the XR application you tried: virtual reality (VR), augmented reality (AR), augmented virtuality (AV), mixed reality (MR), extended reality (XR). Most submissions will be categorized as VR or AR.

Domain: Choose the domain that best fits the application.

App Classification along the Reality–Virtuality Continuum:
- **Description:** Brief description of the XR app. What is it about? What can you do with it?

- **Reason:** Rationale for classifying the app as VR (mostly virtual world) or AR (mostly real world). If you choose other categories, be clear as to why—MR should be reserved if not sure whether it's AR or AV; use XR if the app supports both AR and VR.

Attachments:

- **Screenshot**: Attach a screenshot of the app you tried. *This image will appear as the thumbnail of the submission in the gallery.*
- **Additional photos/videos**: Feel free to submit any other supporting materials such as screen capture or photos that illustrate how you used the app and, as much as possible, the setup with which you tried it.

Tips

- Please also check other submissions and see whether you agree with the classification or provide an alternative classification with a justification.
- Consult the **What is Mixed Reality** reading to support your decision making.
- If you have not done so already, write a short reflection comment in the **What is Mixed Reality Reading Discussion Forum**.