

VAR-MIRI Q1. 2019-2020

AR Project

This project will be carried out in groups of 2 people, you can use any of the software options we have seen in class and there will be a demonstration of the project after the submission.

Project description:

The goal of the project is to learn how to develop an AR application. You can use any of the software possibilities that have been presented in class: **AR Toolkit, Vuforia, EasyAR, ARKit or ARCore**. (If you prefer to use a different AR software, just tell me and we'll talk about).

The topic for the project is free, you could develop any AR application that you wish. The only necessary components the application should have are:

- Possibility of detection of more than one marker at once, or more than one virtual object registered into the real world.
- The user must be able to apply some geometric transformations (TG) with respect to the marker, or some animations to any of the virtual objects (animations programmed by you).
- Offer to the user some interaction mechanism (apart from the tracking already existing). The user must be able to interact with the virtual objects (directly or not) or with the application.

Submission:

You need to submit all the files needed to run your project, and a document indicating the authors of the work, a brief description of the application, and how the user can interact with the application.

The **submission** will be done **through the Racó** and the deadline is **20 of November**.

Project **demonstrations** will be done **in class the 28th of November** (at 12:00).