Lab report – sample

Smart city laboratory

**OV\_05: „Applications of augmented reality”**

**Measurement done by:**

**Group:** xy.

**Name:** Student 1

**Neptun code:** STD123

**Email**: student1@bme.hu

**Name:** Student 2

**Neptun code:** STD456

**Email**: student2@bme.hu

**Lab date:** 2020. month day

 **location:** I.B.211.

**Instructor:** Tamás Gábor Csapó, csapot@tmit.bme.hu

**Description:**  <http://www.tmit.bme.hu/vitmmb04?language=en>

Equipment used during the measurement:

* Logitech XYZ webcamera
* paper based markers

Software used during the measurement:

* Trimble SketchUp v.XY
* ARPlayer v.XY
* Logitech Webcam Software v.XY

Tasks and documentation

1. **Playing an armedia file**

Solution of the task (screenshot and short description):

1. **Text and simple objects on a predefined marker**

Solution of the task (screenshot and short description):

1. **Complex objects from 3D Warehouse**

Solution of the task (screenshot and short description):

1. **Embedded video**

Solution of the task (screenshot and short description):

1. **Embedded audio**

Solution of the task (screenshot and short description):

1. **Using several markers**

Solution of the task (screenshot and short description):

1. **Adding locations**

Solution of the task (screenshot and short description):

1. **Interactive multimedia**

Solution of the task (screenshot and short description):

1. **QR code and marker in one piece**

Solution of the task (screenshot and short description):

1. **Augmented reality on a smartphone**

Solution of the task (screenshot and short description):

Comments, subjective opinion related to the lab measurement:

* please write your comments here