**MIDDLE EAST TECHNICAL UNIVERSITY**

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

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**TROY TECH**

**WEEKLY REPORT #2**

**Section :** 7

**Studio Coordinator:** Mustafa Mert ANKARALI

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**Progresses for Previous Week:**

We firstly decided on our exact logo which is shown in the cover page. Then, we’ve kept researching for projects. After finishing these researches we will evaluate them separately in the following days. However, at that moment we are still doing researches. We will indicate some advantages and disadvantages of projects below.

**Project 1: Robot Catching Balloons**

Advantages: Not available comparing to others. Maybe

Disadvantages: The mechanical part of this project is the hardest among others because it will be matching with another robot and also it needs a robot arm to catch the balloons.

**Project 2: Teleport Robot**

Advantages: Image process is not needed if we choose transmitting raw video. User controlled robot is a better choice for than autonomous considering the speed and fast reaction.

Disadvantages: 30m video share without wifi is a real problem for transmitting video. It can be done with a radio communication, yet we don’t know whether it works also for indoor or not.