



Weekly Report (WEEK 10)

Company Name: OJO

e-mail: ojoe@googlegroups.com

Members:

Abdullah Aslam:	phone: +90 (538) 050 37 64	e-mail: ama.abdullah90@gmail.com
Anar Abdullayev:	phone: +90 (553) 924 96 43	e-mail: abdullayev.1995@gmail.com
Bulut Ulukapi:	phone: +90 (555) 367 26 16	e-mail: ulukapi.bulut@metu.edu.tr
Syed Saad Saif:	phone: +90 (546) 781 99 50	e-mail: saad.saif@metu.edu.tr
Umut Can Serçe:	phone: +90 (506) 997 99 88	e-mail: serce.umut@metu.edu.tr

Since some standards were changed, as per requirement of the standards, we bought some extra components this week. We also worked on designing some parts using CAD software to be modelled with 3d printer.

The components bought are,

- 57mm common cathode seven segment display (for leaving flag and the visibility marker)
- TSOP4038 and DP1838 infrared sensor (for leaving flag and visibility marker, two different models were bought for test purposes)
- CS-5M Metal Laser Diode (to be mounted on the side of the robots as a last one signal)
- 52x25mm Solar Panel (to be mounted on the sides of the robot, their function is to determine laser beam)

We are using “SketchUp” software for designing the models for 3D printer. We intend to design some holders for sensors which will be mounted on robots chassis.

This weekend we intend to conduct some tests on the newly bought components, write proper program for them and implement them in our modules. We will try to implement a robot that is keeping constant distance with the mock-up robot and be able to make turns when the mock-up changes its direction.