# WEEKLY REPORT

# TRANQUILLUM

# 24/03/2013

**Abdullah Hasan Taher Bayrakdar**

* Worked on the Control Page for Refrigerators that presents (fridge & freezer degrees, On/Off status and power consumption) for the device.
* Inserted a sample sensor data (for a typical refrigerator) into the database to be used in interface testing process. The system will be tested with a ‘real’ data before Demo 2.

**Anıl Ulutürk**

* Completed previous week’s tasks with few changes (cc2530 is on şerafettin now)
* Created a simple scenario for machine learning side of the project, will try to discuss it with Arcelik contacts.
* Couldn’t debug PIC-Zigbee serial communication this week!?

**Şerafettin Öztürk**

* Continue working on TI CC2530.
* Prepared a simple send receive demo to be shown at the group meeting tomorrow.

**Zeynep Mavuş**

* Prepared simulation GUI with python and Qt library, but because of python threading problems did not continue on python.
* Prepared both GUI and serial communication part of the simulation in java to make it runnable on RaspberryPI.
* Installed Raspbian Wheezy on Raspberry and tried whether Qt or Swing is convenient for simulation and observed that they can both runnable.
* Also tried RX/TX library on Raspberry, some exceptions observed because of this library, but some available solutions will be tried within this week, just after completing the simulation.

**As a Group:**

**References:**