WEEKLY REPORT

TRANQUILLUM

31/12/2012

**Abdullah Hasan Taher Bayrakdar**

* Set up smarthome\_raspberry\_db on raspberry pi and tested it in previously written php code.
* Wrote client side code (js) and interface for controlling of refrigerator’s adjustment options.
* Worked on the demonstration held on Friday.

**Anıl Ulutürk**

* Installed php,apache,mysql,python-pyserial,python-mysql on raspberry pi.
* Wrote a Python code to work with serial communications of raspberry pi for demo (this week on Friday) and next development phases.
* Wrote another Python code (for mysql device status updating purpose) which will update “smarthome\_raspberry\_db” and push data to “smarthome\_server\_db”.

**Şerafettin Öztürk**

* Work on Demo: Write a frame generator to PIC for status and temperature.
* Correct the temperature value, make it between 1 and 10 instead of 1 and 25.

**Zeynep Mavuş**

* Worked on PIC to make leds usable on indicating on/off state instead of seven segment display.
* Worked on embedding the frame generator code into PIC code.

**As a Group:**

We prepared a Demonstration of the process we have done up to now using PIC, Xbee and Coordinator Box (Linux installed Computer).