

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).