

HSBS Smart Weekly Report: October 23, 2007

We created the web page of our team.

We installed the setup cd of ap 400 and configure some options of the ap400 through its user interface.

Besides this, we made an investigation about prices of wi-fi sensors that are available on the market. Because there are too few wi-fi sensor nodes that support IEEE 802.11 protocol, we tried to find a feasible solution. We discussed connecting a sensor module to Airties AP-400 via RS-232 or Ethernet interface. By the help of this connection, we will try to convert the sensor and AP-400 together to a single wireless sensor node. From this point of view, we redirected our search towards the area of sensors with RS-232 or Ethernet support and communicating with this type of sensors over AP-400.

HSBS Smart Next Weeks Plan

According to advices of our assistant we will route our studies either going on with commercial wi-fi sensors or implementing our own sensor node with interface of rs232/rj45 through ap400. Moreover we will continue to study to device and embedded Linux kernel, analyzing existing projects over wireless sensor network topics in industry.

We will introduce a time schedule and divide duties among team members. So we want to perform our studies systematically.