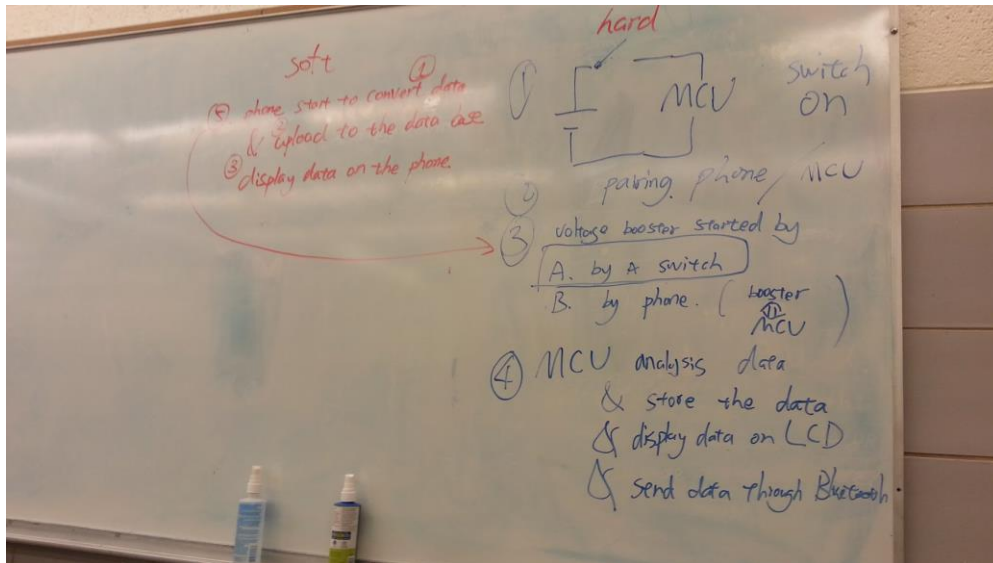




## Meeting notes:

1. The group discuss how the prototype system work



Basically the working process is the following:

- 1) Physical Switch to open the microcontroller
- 2) Bluetooth will start to pair with smartphone
- 3) Physical switch to start voltage booster (option: MCU active booster)
- 4) MCU analysis the data from spectrometer(decide if the data is good or bad), display data on a LCD and send data through Bluetooth
- 5) The cell phone start to convert data to readable format and comparing to the data base
- 6) Display the data on the phone

## Pending issues

1. Anthony is working on LCD and GPS interfacing with the Bluetooth module.
2. Haisong is working on the transformer component of the voltage circuits.
3. Liuchang is working on PCB design
4. Tyler is working on the app design and connection between app and computer.
5. Yang is working on the configuration of the evaluation board.