

Meeting notes:

1. Meeting with George
 - 1) Power consumption issue: there will be large voltage generated by the capacitor, current need to be considered the consumed power
 - 2) The component of the PCB design needs to be tested and purchased, so far the component type is surface mount.
 - 3) GPS test is necessary because the GPS of Android phone is not reliable enough.
 - 4) Next meeting, market study, technical challenge, debugging experience and coherent test need to be completed.
2. Meeting with Dr. Qiao
 - 1) Power consumption issue: Battery test will be added in the future, the large voltage may not cause very large current so the power consumption should not be serious.
 - 2) PCB design will be put more working hours to make sure we can test it before the final version
 - 3) GPS will be tested by Tyler
 - 4) Market study and technical challenges will be recorded by each group member for the final presentation

Pending issues

1. Anthony is working on the Bluetooth connection between the cell phone and chip
2. Tyler is working on the app skeleton and adding more components.
3. Haisong is working on replacing the transformer
4. Liuchang is working on the PCB design of the board and the interface between the UART and RS232
5. Yang is working on data transmission from spectrometer to SAM L21 MCU.