EE491 Weekly Report 3

Date: 9/20/16-9/26/23

Group number: May 1717

Project title: 19 - Wireless Solar Temperature/Humidity Sensor

Client: Dan Stieler

Team Members/Role:

Yi Qiu - General Member

Xiang Li - Webmaster

Kebei Wang - Team Leader

Trevor Brown - Key Concept Holder

Benjamin Nelson - Communication Leader

Kukjin Chung - General Member

Weekly Summary

_____We had a meeting with our client on Thursday at 6:30am. The team and client talked about project goal and process. We heard what the client's expectations are for our project and shared several ideas for how to proceed.

Past week accomplishments (please describe as what was done, by whom, when)
- Kebei Wang - Tuttle decided to be our advisor last week
- Trevor Brown - Attended client meeting
- Benjamin Nelson - Communicated with client & researched Android BLE API
- Yi Qiu - Attended client meeting
- KukJin Chung - Prepared to meet our client by searching Powerfilm company website.
- Xiang Li - Attended client meeting

Pending Issues

- We still do not know if Ben will be allowed to switch out of the group or not - we need a strategy for completing the coding requirements for this project if he is allowed to switch
- Role of needs to be switched to other teammate.
- Need to get the client paperwork sorted out.

Individual contributions

NAME	Individual Contributions	Hours this week	HOURS cumulative
Yi Qiu	Attended client meeting and research about sensor	1	3.5
Xiang Li	Attended client meeting and did some research about lower power consumption.	1	3.5
Kebei Wang	Did some research on the internet of the project that associated with what we learned from the client	1	3.5
Trevor Brown	Attended client meeting	1	3
Benjamin Nelson	Communicated with client and researched Android BLE API	1.25	3.75
Kukjin Chung	Participated in client meeting and researched on application connection.	1.0	3.5

Comments and extended discussion

Garry Tuttle becomes our team advisor, and Ben decided to switch.

Plan for coming week (please describe as what, who, when)

- Kebei W. To ask professor Tuttle about the project for advice in detail.
- Yi Q. Search the low power consuming circuit components
- Kukjin C. will study about which application is better to use; Android or Apple.
- Trevor B. Continue research on TI chips and the size of them.
- Ben N. Continue BLE API research, depending on if group switch is a success
- Xiang L. Do some research about the best battery technology.