

EE491 Weekly Report 16

Date: 2/13/17-2/19/17

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

Kukjin Chung - Communication Leader

Weekly Summary

- Figured out parts of schematic circuits.
- Figured out how to read the data from the sensor.

Past week accomplishments (please describe as what was done, by whom, when)

- Kebei W. Assist to design the PCB. Group meeting with client.
- Yi Q. Keep studying the BLE Module, and figure it out about how to read the data from the sensor. Group meeting with client.
- Kukjin C. Schedule a meeting time. Keep studying the BLE Module, and assist to figure out how to read the data from the sensor. Group meeting with client.
- Trevor B. Still doing the research and design the PCB, and draw the pcb. Group meeting with client. Group meeting with client.
- Xiang L. Write the weekly report, and do some research about the problem we have in the project. Group meeting with client.

Pending Issues

- Figure out how to draw some specific electrical components in the schematic.
- Figure out how to read the data from sensor.

Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours</u> <u>this</u> <u>week</u>	<u>HOURS</u> <u>cumulative</u>
Yi Qiu	Keep studying the BLE Module, and figure it out about how to read the data from the sensor. Group meeting with client.	4	55.5
Xiang Li	Write the weekly report, and do some research about the problem we have in the project. Group meeting with client.	4	55.5
Kebei Wang	Assisted to design the PCB. Group meeting	4	55.5
Trevor Brown	Still doing the research and design the PCB, and draw the pcb. Group meeting with client. Group meeting with client.	4	55.5

Kukjin	Schedule a meeting time. Keep studying the BLE	4	55.5
Chung	Module, and assist to figure out how to read the data from the sensor. Group meeting with client.		

Comments and extended discussion

None

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

- Kebei W. learn how to use Eagle. Assist to design the PCB in new software tool-EAGLE.
- Yi Q. try to combine the functions together.
- Kukjin C. Schedule a meeting time. Try to combine the functions together.
- Trevor B. learn how to use Eagle. Assist to design the PCB in new software tool-EAGLE.
- Xiang L. Write the weekly report, and do some research about the problem we have in the project.