

EE491 Weekly Report 4

Date: 9/27/16-10/3/16

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

_____ We read the sample of the project plan and discussed how we will do. The leader talked to our advisor to have a first advisor meeting.

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

- Kebei Wang - Tuttle replied me about the his available time for meeting last week.
- Trevor Brown - Made a block diagram of the hardware
- Yi Qiu -did some research on the structure of Android app
- KukJin Chung - researched on circuit board

- Xiang Li —did some research about battery can be used in the project.


Pending Issues

- Need to get the client paperwork sorted out.

Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours</u> <u>this week</u>	<u>HOURS</u> <u>cumulative</u>
Yi Qiu	Try to figure out Android studio's wireless functions	1	3.5
Xiang Li	did some research about battery can be used in the project. .	2	5.5
Kebei Wang	Contact both Dan and Tuttle for meeting	1	4.5
Trevor Brown	Created a block diagram of the hardware	1	3
Kukjin Chung	Read the project plan outline and researched on circuit board for BLE associated with arduino.	1	4.5

Comments and extended discussion

 We will set a meeting with Mr. Tuttle and Dan for discussing the project together.

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

- Kebei W. scheduling the next meeting for us next week.
- Yi Q. prepare for advisor meeting
- Kukjin C. will write the project plan in charge of hardware part.
- Trevor B. Continue research on TI chips and compare power consumption.

- Xiang L. figure out how the circuits work for the project.