## EE 492 Weekly Report MAY1633 Week 14(4/21/16-4/26/16)

Advisors: Dr. Daji Qiao, Dr. Long Que Client:

Members (roles): Schilling, Anthony (Team Leader)

Bennett, Tyler (Concept Keeper)

Li, Liuchang (Web Master)

Lin, Haisong

Tian, Yang(Communication Leader)

Wang, Wentai

Time: April 26th 2016

Project Title: Portable Nutrient Data Collection System Based on MEMS

Sensors and Smartphone technologies

## **Summary and Accomplishments**

This week we finish the final document and final presentation slices.

WHO	WHAT	HOURS
Anthony	<ul> <li>Sam L21 Bluetooth data transmission</li> <li>Work on the implementation of the final document.</li> </ul>	14
LiuChang	<ul> <li>PCB soldering and testing</li> <li>Work on the implementation of the final document.</li> </ul>	14
Haisong	<ul> <li>Improvement of the circuits</li> <li>Work on the implementation of the final document.</li> </ul>	13
Tyler	<ul> <li>Program coding for the cell phone app</li> <li>Using the current data to do the plotting spectrum</li> <li>Work on the implementation of the final document</li> </ul>	14
Yang	<ul> <li>Data transmission commands test</li> <li>Work on the implementation of the final document.</li> </ul>	15
Wentai	<ul> <li>Gathering the data for the final document</li> <li>Design the poster and make draft for the final document</li> </ul>	14

## **Meeting notes:**

- 1. Implement the final document.
- 2. Some soldering issue, such as two pins are connected together or the surface mount parts are too small to make alignment, the PCB board cannot work correctly.
- 3. Final presentation is scheduled on Wednesday, and we all need work on the presentation slices and presentation time should be shorten.

## **Pending issues**

- 1. All group members are working on the final report document and slices.
- 2. Some future iteration and what we learned should be summarized in the slices and final document.