

EE 491 Weekly Report MAY1633 Week 9(10/28/15-11/3/15)

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)

Time: Nov 3rd 2015

Project Title: Portable Nutrient Data Collection System Based on MEMS Sensors and Smartphone technologies

Summary and Accomplishments

The main goal of this week is making decision about which Bluetooth module should be used in this project and purchasing the components. Besides, group also worked on the subsystem of the second version of project plan.

WHO	WHAT	HOURS
Anthony	<ul style="list-style-type: none">Research the LCD and GPS module(3)	3
LiuChang	<ul style="list-style-type: none">Research the code examples and software of Atmel (2)Purchase Atmel Bluetooth module (1)	3
Haisong	<ul style="list-style-type: none">Build the voltage booster circuit (3)	3
Tyler	<ul style="list-style-type: none">Finish the software sketch and map location (3)	3
Yang	<ul style="list-style-type: none">Research the code example and software of Atmel (2)Purchase the Atmel Bluetooth module (1)	3

Meeting notes:

1. This week we receive the components of voltage booster circuit from electronic shop, Haisong started to build the circuit.
2. The purchasing list about the Bluetooth module was made and submitted through ETG email, waiting for respond.

Pending issues

1. Anthony is working on LCD and GPS interfacing with the Bluetooth module.
2. Haisong is building the voltage booster circuit
3. Liuchang is working on PCB design and how to use multisim
4. Tyler is working on the app and implement map information to the app.
5. Yang is working on how to program on Atmel Bluetooth module