EE 491 Weekly Report MAY1633 Week 11(11/11/15-17/1/15)

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 Lead	er)	
Time: Nov 17 th 2015			
Project Title: Portable Nutrient Data Collection System Based on MEMS Sensors and Smartphone technologies			

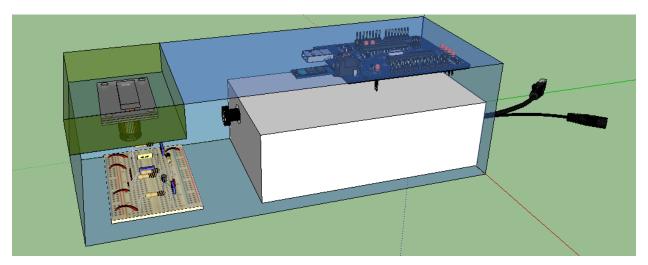
Summary and Accomplishments

The main goal of this week is to discuss the 3D view of the whole system and make arrangement of the case.

WHO	WHAT	HOURS
Anthony	 Working on the interface of LCD and GPS (2) Discuss the arrangement of the 3D case (1) 	3
LiuChang	 Working on the PCB design (2) Discuss the arrangement of the 3D case (1) 	3
Haisong	 Build the voltage booster circuit (2) Discuss the arrangement of the 3D case and sketch the structure (3) 	5
Tyler	 Working on the app design (2) Discuss the arrangement of the 3D case (1) 	3
Yang	 Working on the installation of Atmel Studio to set up the evaluation board (2) Discuss the arrangement of the 3D case (1) 	3

Meeting notes:

1. Discuss the arrangement and the view of whole system, the following is the sketch of the system:



2. Alternative solutions for software installation issue would be trying more installation with different settings, request software update through ETG or consulting Atmel Company.

Pending issues

- 1. Anthony is working on LCD and GPS interfacing with the Bluetooth module.
- 2. Haisong is working on voltage booster circuits.
- 3. Liuchang is working on PCB design
- 4. Tyler is working on the app design and connection between app and computer.
- 5. Yang is working on the configuration of the evaluation board.