

## **Senior Design 491 Weekly Report 8**

**Week 7 (10/19/15 – 10/25/15)**

**May1624 -- Programmable Wireless Sensor Package for CprE Education**

**Advisor/Client:** Dr. Thomas Daniels

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### **Team Members -- Roles:**

Yidong Liu – Team Leader

Xinian Bo – Team Webmaster

Niklas Jorve – Team Communication Leader

Branden Sammons – Key Concept Holder

Jonathan Krueger – Key Concept Holder

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### **Weekly Summary:**

We used our time this week to focus on completing the first draft of the design document with our new plan to use the Intel Edison. Dr. Daniels ordered an Intel Edison with a breakout board to allow our group to start the development work of the software and hardware. Now that we have decided to use the Intel Edison as our microcontroller board, we can develop a PCB in Eagle and start buying more components.

### **Weekly Accomplishments:**

1. Finished first draft of design document
2. Started development with Intel Edison board

### **Advisor Meeting (10/19/15):**

**Duration:** 1 Hour

**Members Attending:** Niklas Jorve, Yidong Liu, Jonathan Krueger, Branden Sammons

**Notes:** Dr. Daniels handed off a intel edison to Branden Sammons for some basic software testing. After that we decided that 2 more boards for hardware breadboarding would be useful and Daniels ordered them. We should be able to get those this coming monday and then hardware prototypes could be tested and produced.

## Group Meeting (10/23/15):

**Duration:** Canceled with intentions of everyone to spend that time on the design document.

**Members Attending:**

**Notes:** Design Document finishing touches.

## Plans for Next Week:

1. Continue development of software and hardware with available Edison
2. Start to design PCB in Eagle

## Individual Contributions:

Niklas Jorve	Worked on weekly report, attended advisor meeting
Yidong Liu	attended meetings, did research about the edison board, finished design document
Branden Sammons	Attended meetings, finished design document, simple testing of Intel Edison board.
Jonathan Krueger	Attended meetings, finished design document, conducted meetings
Xinian Bo	*Sick Leave

## Project Contributions:

Member	Project Time this week (hours)	Total Project Time (hours)
Niklas Jorve	2	23
Yidong Liu	3	18
Branden Sammons	5	21
Jonathan Krueger	5	25
Xinian Bo	0	13.5

