

## **Senior Design 491 Weekly Report 12**

**Week 7 (11/16/15 – 11/22/15)**

**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, Secretary

Jonathan Krueger – Key Concept Holder, Manager

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### **Weekly Summary:**

We used this week to work on the presentation and to order the first round of parts for prototyping. We met with our advisor on Monday to discuss the parts that we found and on Wednesday we created the list of parts to order. Our advisor has ordered the parts and we should be ready to prototype on breadboards after Thanksgiving break. We have also continued to prototype with the Intel Edisons

### **Weekly Accomplishments:**

1. Compiled and reviewed parts
2. Ordered first round of parts for prototyping
3. Worked on presentation
4. Prototyped with Intel Edison

### **Advisor Meeting (11/16/15):**

**Duration:** 1 Hour

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

**Notes:** During our advisor meeting we discussed the individual parts that we had found and discussed the pros and cons of each part. We narrowed down a smaller list of each part so that we could make our final selections for compiling a shopping cart to buy.

## Group Meeting (11/18/15):

**Duration:** 1 Hour

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

**Notes:** During our group meeting we identified the best part from each category and compiled a list to send to our advisor to order. We should have the parts available after break.

## Plans for Next Week:

1. Prototype with parts that were ordered
2. Prototype with Edison
3. Finish presentation
4. Practice presentation

## Individual Contributions:

Niklas Jorve	Attended meeting, worked on weekly report, worked on Edison, worked on presentation, researched parts
Yidong Liu	Attended meeting, and spent time on Edison and PCB learning
Branden Sammons	Attended meetings, worked on software, researched part.
Jonathan Krueger	Attended meetings, planned meetings, researched part.
Xinian Bo	Attended meeting, and spent time on Edison and PCB learning

## Project Contributions:

Member	Project Time this week (hours)	Total Project Time (hours)
Niklas Jorve	8	47
Yidong Liu	6	40
Branden Sammons	5	41
Jonathan Krueger	5	47

Xinian Bo	6	36
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