

Senior Design 491 Weekly Report 10

Week 7 (11/2/15 – 11/8/15)

May1624 -- Programmable Wireless Sensor Package for CprE Education

Advisor/Client: Dr. Thomas Daniels

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

Weekly Summary:

We used our time this week to work on development with the Intel Edisons. We did not meet with our advisor this week due to a scheduling conflict, so we continued our development from the previous week. We now have 3 working Edison with breakout boards which can be used to breadboard with sensors on the hardware side and can be programmed from the software side. We also used our group meeting time to discuss our website, which is now fixed and improved, as well as discussing our presentation and the next draft of the project plan.

Weekly Accomplishments:

1. Continued prototyping of Edison boards
2. Finished next draft of project plan
3. Started work on presentation

Group Meeting (11/6/15):

Duration: 1 Hour

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

Notes: During our group meeting we discussed a few topics including the project plan, website, and presentation. For our project plan, we went through our previous version and added more information about the current progression of our project. We also edited previous sections that were

not applicable to our current direction. We finished the second draft of the project plan which was due this week. For our website, we looked at the feedback that we received and modified the structure of the website. We also updated our information on the website and fixed the broken weekly report links. For the presentation, we started to discuss our ideas and started to plan for the presentation.

Plans for Next Week:

1. Start work on presentation
2. Continue prototyping with Edison

Individual Contributions:

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|------------------|--|
| Niklas Jorve | Attended meeting, worked on weekly report, prototyped Edison, worked on presentation |
| Yidong Liu | attended meetings, worked on project plan and power supply circuit |
| Branden Sammons | Attended meetings, worked on Project plan. |
| Jonathan Krueger | Attended meetings, worked on project plan, planned meetings |
| Xinian Bo | Attended meetings. Worked on website, project plan. |

Project Contributions:

| Member | Project Time this week (hours) | Total Project Time (hours) |
|------------------|--------------------------------|----------------------------|
| Niklas Jorve | 6 | 31 |
| Yidong Liu | 6 | 29 |
| Branden Sammons | 5 | 30 |
| Jonathan Krueger | 6 | 37 |
| Xinian Bo | 6 | 22 |

