

# *EE/CprE/SE 491 Weekly Report*      *MAY1622 Week II*

*Date* (9/8/15-9/14/15)

Advisors:      Daji Qiao, Christopher Sheafe (Co-Advisor)

Client:      Halil Ceylan

Members (roles):

Shen Fu (Team Leader)

Matt Rose (Team Communication Leader)

Qichen Yan (Team Webmaster)

Darnell Melvin (Team Key Concept Holder)

*Project Title: Wireless Embedded Roadway Health Monitoring*

## **Meeting notes**

The team needs to start drafting functional and non-functional requirements, system decomposition, and conceptual sketch to get a 'contract' with the Civil Engineering department in place so we can begin to move forward with design and implementation.

Might be a good idea to check out the MSP430 mcu, and finish reading the docs that Shen sent us of Chris's team's progress last year.

## *9/11/2015 Group Meeting with Advisors*

Duration: 1 Hour

Members Present: *All*

Purpose and Goals:

Advisors want a draft of our project plan, which will contain the functional and nonfunctional requirements, a conceptual sketch, and system decomposition. We drafted a sketch on the whiteboard to show how the different parts of the project will interact.

## **Weekly Summary**

Our group's goal this week was to finish reading the project plan and specifications of the last group so that we can better understand what has been done and what needs to be done.

## **Pending issues**

Project plan draft is in the works.

## **Plans for next week**

Ask about material used to house circuit board, and about mesh covering hole that allows sensors to sample data. Talk to Chris about the wireless communication frequency and how his team arrived at that number. Talk about battery and power system with Chris and Daji.

### **Budget**

N/A

### **Next Meeting**

9/21/2015 4:00 PM, COOVER 2042