

EE/CprE/SE 492 Weekly Report 21 *MAY1622*

Date (3/22/16-3/28/16)

Advisors: Daji Qiao
Client: Halil Ceylan
Co-Advisor: Christofer Sheafe ()

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 Network

Meeting notes

Wed 3/23

- We soldered another MCU to another breakout board, in case the first board was fried due to some ridiculous current we saw flowing through.
- The board ran into the same issues as before.

Thursday 3/24

- We decided that we couldn't fake the debugger as a v3, and ordered an XDS100v3, along with 2 extra microcontrollers.

3/28/2016 Group Meeting with Advisers

Duration: 1 Hour

Members Present: *ALL*

Purpose and Goals:

We brought Chris up to speed on the progress in the last week.

Weekly Summary

Darnell has nearly finished the enclosure specs, so we can print sometime this week; Shen and Qichen have been working on sensor and RF code for the MCU, and Matt has been working on the basestation-smartphone communication.

Pending issues

Need XDS100v3 and extra MCUs, they should hopefully have been ordered by Lee.

Plans for next week

Next week we would like to have received the debugger and loaded our code to be tested. Matt wants to have a working demo for the communication, and we would also like to have the enclosure printed.

Budget

N/A

Next Meeting

3/28/2016 4:00 PM, Coover Senior Design Lab

Hourly Contributions

Team (together): 14 hours

Matt: 8 hours

Shen: 8 hours

Qichen: 8 hours

Darnell: 8 hours