

EE/CprE/SE 492 Weekly Report 17 *MAY1622*

Date (2/16/16-2/22/16)

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

Wednesday 2/17

- Started MCU coding, finished PCB layout

Monday 2/22

- Ask Lee about design errors in PCB layout
 - Need to submit the design ASAP
- Make sure thin wires are thick enough based on manufacturer specs
 - OSH Park
- Enclosure meeting this week
- How will we accommodate battery in enclosure?
 - Battery connector/clip?
- Create user manual for client.

2/22/2016 Group Meeting with Advisers

Duration: 1 Hour

Members Present: *ALL*

Purpose and Goals:

The team recounted the last week's progress, and Daji suggested that we make a user manual for the client so they can do troubleshooting. The team acknowledges it is behind schedule, and the week ahead should be productive.

Weekly Summary

The team plans to work on software this week, hoping to finish the Android communication and get a good start on the MCU coding. PCB layout should be turned in this week to get a board printed.

Pending issues

None

Plans for next week

Next week we hope to have the Android to Base Station communication finished, and to have finished the setup for the MCU.

Budget

N/A

Next Meeting

2/25/2016 2:00 PM, Coover Senior Design Lab

Hourly Contributions

Team (together): 5 hours

Matt: 4 hours

Shen: 4 hours

Qichen: 4 hours

Darnell: 4 hours