

Group Number: Dec14-02 - Android Bridge

Client: Vermeer Corp.

Advisor: Somani/Celik

Members:

Alec Johanson - Lead

Ahmad Muaz Mohd Khairi - Thinker lead/Communication

John Shelley - Webmaster

Attendance At Meetings:

Name	Meeting 1 (10/15)
Alec Johanson	3/4 hour
Ahmad Muaz Mohd Khairi	3/4 hour
John Shelley	3/4 hour

Accomplishments:

10/15/14

- showing the advisor what we had done so far.
- the 2 xbee's are connected and sending messages to each other, it is demonstrated to the advisors
- the CAN messages is on the way to get through the wifi
- Advisor showed another CAN bus that can be used to detect whether the CAN bus is transmitting something
- the simple UI is shown.
- The usage of the Vermeer logo need to be taken into consideration-most probably it is proprietary
- Advisor suggest that the deadline is coming around, working prototype should be finish soon.

Plan:

10/15/14

- figure out what is the problem for the CAN-wifi connection
- if could not find out, the test on which side is not working will be made separately(wifi& CAN)
- Working UI with more interface.
- when the connection is good, the CAN messages will be test directly to the android

Pending Issues:

Continuing problems with CAN that need to be solved.

Individual Contributions:

Alec - Confirmed WiFi capabilities with two XBee modules from computer to PIC32

Ahmad-troubleshooting the connection between CAN and microcontroller.

John - Finish the UI on the nexus device. Using basic fragments and parsing server side components that should eventually come back as json.

Hourly Contributions:

	week 7	cumulative
Alec Johanson	5	26
Ahmad Muaz Mohd Khairi	7	41
John Shelley	8	39