

John Deere Augmented Reality Mobile App
491 Weekly Report - MAY1609
Week 7 (10/13/15 - 10/20/15)

Advisors: Manimaran Govindarasu

Client: Benazir Fateh, Intelligent Solutions Group, John Deere, Urbandale

Members:

Collin Goedken, Team Leader

Josh Harper, Key Concepts Holder

Jordan Harper, Webmaster

Matt Koziy, Key Concepts Holder

Ben Myshkowec, Communicator

Brent Barth, Communicator

Joel DeLong, Webmaster

Project Title: Augmented Reality Mobile App for Vehicle Maintenance

Weekly Summary

This week was composed of a group meeting and a meeting with the client. The meeting with our advisor was canceled as he could no longer meet during the provided time. Our group and client meeting consisted of discussing the current work being done. This consisted of talking about the setup for the bluetooth and wifi connectivity for the vehicle. Finally we have been continuing development for the bluetooth connectivity and can successfully connect to an iOS device from a linux machine.

Meeting Notes

October 14, 2015 -- Client Meeting

Duration: 1 hour

Purpose and Goals:

- Achieve better requirements understanding
- Discuss demo
- design document
- touch base with client

Achievements:

- set schedule
- bluetooth expectations

October 13, 2015 -- Group Meeting

Duration: 1 hours

Purpose and Goals:

- Give out parts for design document
- discuss development issues and goals

Achievements:

- everyone has parts to do for design document
- better understanding of development issues and achievements

Pending Issues

- Linux bluetooth communication

Plans for next week

- Finalize and finish design document
- Continue development on bluetooth communication

Individual Contributions

Collin: worked on linux/iOS bluetooth, meetings (5 hours)

Matt: worked on linux/iOS bluetooth detection/connection, meetings(7 hours).

Brent: bluetooth communication, communication with client(5 hours)

Joel: Research, design document (5 hours)

Ben:bluetooth communication, research, design document(5 hours)

Jordan: Research, design document, user interface(5 hours)

Josh: user interface,Research augmented reality(5 hours)

Total Contributions (Running Total):

Collin: 23 hours

Matt: 27 hours

Brent: 18 hours

Joel: 17 hours

Ben: 17 hours

Jordan:17 hours

Josh: 17 hours