

John Deere Augmented Reality Mobile App
491 Weekly Report - MAY1609
Week 6 (10/6/15 - 10/13/15)

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, meeting with the client, and an advisor meeting. The meeting with our advisor consisted of changes and additions for our project plan, as well as a plan for our October demo and our design document. Our group and client meeting consisted of a workflow and ideas for how to setup the bluetooth and wifi connectivity for the vehicle. Finally we begun development for the bluetooth connectivity and can successfully detect ios mobile devices on the linux side.

Meeting Notes

October 12, 2015 -- Fifth Advisor Meeting

Duration: 1 hour

Purpose and Goals:

- Design document
- Discuss demo
- purpose of document

Achievements:

- set schedule
- reviewed project plan

October 7, 2015 -- Client Phone Meeting

Duration: 1 hours

Purpose and Goals:

- Touch base with client
- Continue good communication to meet client requirements

Achievements:

- Talked about expectations for first demo
- Bluetooth expectations for iOS and Linux

Pending Issues

- Linux bluetooth communication

Plans for next week

- Start design document
- Continue development on bluetooth communication

Individual Contributions

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

Matt: worked with collin on linux bluetooth detection, meetings, ios core bluetooth(5 hours).

Brent: bluetooth communication, communication with client(2 hours)

Joel: github repo setup (2 hours)

Ben:bluetooth communication(2 hours)

Jordan: Website, user interface(hours)

Josh: user interface, augmented reality(2 hours)

Total Contributions (Running Total):

Collin: 13 hours

Matt: 20 hours

Brent: 13 hours

Joel: 13 hours

Ben: 12 hours

Jordan:12 hours

Josh: 12 hours