

**John Deere Augmented Reality Mobile App**  
**492 Weekly Report - MAY1609**  
**Week 20 (2/20/16 - 2/26/16)**

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**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

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**Weekly Summary**

This week we met with our advisor to discuss our client meeting. Our advisor was pleased with our accomplishments in the client meeting. The majority of the issues we faced last week are still unsolved as we are still currently developing these features. The last of the pending issues is all that is left for the project. These last few weeks will be used extensively for development as most of the functionality requirements are now set.

**Meeting Notes**

Advisor Meeting

Duration: 1 Hour

Purpose and Goals:

- Discuss client meeting details
- Update on changes to project

Achievements:

- Diagram for advisor describing final project functionality
- Timetable for deliverables are set

**Pending Issues**

- Wikitude image recognition and augmented reality

- Work on overlaying augmented objects with 3D recognition
- Change Bluetooth profile to match that of MTG
- Validation through MyJohnDeere API

### **Plans for next week**

- Work on Bluetooth profile
- Work on augmented reality to overlay objects
- Get the correct data flow over the bluetooth connection
- Continue working on MyJohnDeere API

### **Individual Contributions**

Collin: Advisor meeting, bluetooth(4 hours)

Matt: Advisor meeting, bluetooth (4 hours)

Brent: Advisor meeting, Cloud storage(4 hours)

Joel: Advisor, Cloud storage (4 hours)

Ben: Advisor meeting(1 hours)

Jordan: Advisor meeting(1 hours)

Josh: Advisor meeting(1 hours)

### **Total Contributions (Running Total):**

Collin: 120 hours

Matt: 106 hours

Brent: 86 hours

Joel: 82 hours

Ben: 73 hours

Jordan:76 hours

Josh: 69 hours