

John Deere Augmented Reality Mobile App
492 Weekly Report - MAY1609
Week 17 (1/31/16 - 2/6/16)

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 we met with our advisor to discuss our project and each member's current progress. Our advisor wants to be a part of our next client meeting to help with our project planning. We are currently creating the Bluetooth profile to connect our app with the MTG. The next step is to create an app that simulates the MTG and sends data to our app with the Bluetooth profile we have created.

Meeting Notes

Advisor Meeting

Duration: 1 Hour

Purpose and Goals:

- Discuss each member's contributions
- Determine timeline of events

Achievements:

- Feedback about our progress
- Advisor wants to be in our meeting with client

Pending Issues

- Wikitude image recognition and augmented reality

- Work on overlaying augmented objects with 3D recognition
- Bluetooth Developer Studio problems with creating accounts
- Creating an app to communicate through Bluetooth with our app

Plans for next week

- Work on Bluetooth profile which replicates that of MTG
- Creating the Bluetooth profile on Bluetooth Developer Studio
- Discuss with client alternatives to the augmented reality
- Discuss the Bluetooth Developer Studio account creation problem

Individual Contributions

Collin: Advisor meetings & bluetooth(4 hours)

Matt: Bluetooth (2 hours)

Brent: Advisor meeting & bluetooth(4 hours)

Joel:Advisor meeting & Cloud storage (4 hours)

Ben: Advisor meeting(1 hours)

Jordan: Advisor meeting(1 hours)

Josh: Advisor meeting(1 hours)

Total Contributions (Running Total):

Collin: 109 hours

Matt: 96 hours

Brent: 74 hours

Joel: 73 hours

Ben: 68 hours

Jordan:71 hours

Josh: 66 hours