

John Deere Augmented Reality Mobile App
492 Weekly Report - MAY1609
Week 25 (4/02/16 - 4/08/16)

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 presented our final presentation to our advisor. We were told we have many things to change and he gave us great constructive criticism to help us. Our group finished overlaying the objects with the augmented reality and have made progress on the Firebase database. Our client came to see the app, and was pleased with our progress. The client provided us with toy tractors for testing.

Meeting Notes

Advisor Meeting

Duration: 1 Hour

Purpose and Goals:

- Show our advisor our final presentation
- Get feedback for changes to the presentation

Achievements:

- Advisor gave feedback to strengthen presentation
- Scheduled another meeting to show revised presentation

Client Meeting

Duration: 1 Hour

Purpose and Goals:

- Show app with augmented reality and alerts
- Show progress on the cloud storage

Achievements:

- Client satisfaction with progress
- Toy tractors were given to us for testing

Pending Issues

- Finish presentation
- Validation through Firebase
- Testing

Plans for next week

- Finish Presentation
- Finish cloud storage through Firebase
- Finish Testing

Individual Contributions

Collin: Augmented Reality / Presentation(4 hours)

Matt: Augmented Reality/ Presentation (3 hours)

Brent: Cloud Storage / Presentation (3 hours)

Joel: Cloud storage / Presentation (3 hours)

Ben: Testing / Presentation (2 hours)

Jordan: Testing / Presentation (2 hours)

Josh: Testing / Presentation (2 hours)

Total Contributions (Running Total):

Collin: 140 hours

Matt: 121 hours

Brent: 101 hours

Joel: 97 hours

Ben: 79 hours

Jordan: 82 hours

Josh: 75 hours