

John Deere Augmented Reality Mobile App
491 Weekly Report - MAY1609
Week 2 (9/8/15 - 9/14/15)

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 we met with our advisor and discussed our project and class plans. He advised us to contact our client as soon as possible. We met as a group on Wednesday going over questions to ask the client to send them in order to prep for the meeting. We divided up some responsibilities to have finished for the next week. We decided that everyone needs to be familiar with the old team's documentation for this project. We also reached out to our client and was able to schedule a meeting and got a few of the questions below answered.

Meeting Notes

Questions for the client:

1. What are the target mobile devices?
2. Are we planning to use vuforia or some other AR software?
3. What is the project scope and requirements?
4. Are we using the current code base, or developing our own from scratch?
5. How do we get information from the MTG?
6. What is a good model for the image recognition?
7. Workflow on how to use image recognition within the app?
8. Where can we get access to the code from previous project?
9. What are the expectations for testing?
10. What meeting times and means of communications for the meetings works best for you?

11. Can we get contact information from developers for who to go to for certain APIs, testing, etc.?

September 9, 2015 -- Second Group Meeting

Duration: 1 hour

Purpose and Goals:

- Start brainstorming for the project plans
- Read over old team's documentation
- Write notes and questions about old team's documents

Achievements:

- List of questions for the client
- Research on the old team's project
- Got a hold of the client and scheduled a meeting

September 14, 2015 -- Second Advisor Meeting

Duration: 1 hour

Purpose and Goals:

- Start brainstorming for the project plans
- Get insight into the project timeline

Achievements:

- Got plans to start drafting project plan for next week
- Good review for team initiative on project

Pending Issues

- Using Vuforia with xcode
- Need project requirements
- Need developer account in order to run vuforia in xcode

Plans for next week

- Submit weekly report 3 by 10:00 AM Tuesday to blackboard and advisor
- Meet with client
- Getting the workspace running
- Start basic website

Individual Contributions

Collin: Attended advisor meeting and group meeting, project research (2 hours)

Matt: Attended advisor meeting and group meeting, and looked into xcode (2 hours).

Brent: Attended advisor meeting and group meeting, project research. Scheduled meeting with client. (3 hours)

Joel: Attended group meeting, project research (3 hours)

Ben: Attended advisor meeting and group meeting (2 hours)

Jordan: Attended group meeting, project research, created Trello for group (2 hours)

Josh: Attended advisor meeting and project research (2 hours)

Total Contributions (Running Total):

Collin: 5 hours

Matt: 4 hours

Brent: 5 hours

Joel: 5 hours

Ben: 4 hours

Jordan: 4 hours

Josh: 4 hours