

EE 491 Weekly Report - MAY15-05

Week 7 (10/13/14-10/19/14)

Advisors: Manimaran Govindarasu

Client: Intelligent Solutions Group, John Deere, Urbandale

Members:

Jesse Walther, team leader

Brian Moran, key concept holder

Haoyu Liu, webmaster

Tanner Hildebrand, communication leader

Sang Han, testing leader

Project Title: Augmented Reality Mobile App for Vehicle Maintenance

Weekly Summary

This week we continued construction of the first demonstration version of our application to show to ISG expanding off of the previous experimentation with Xcode to produce an interface which behaves the way that ISG has envisioned this product.

We have continued to update our Project Plan and began work on the Design Document as well as the website for our project. We plan on discussing our project plan and design document with our advisor when we can get a hold of them.

Additionally this week we have changed advisors as our previous advisor was a bit too busy so we will now be planning to meet with him on a more regular basis to get caught up after not being able to meet with our previous advisor.

Meeting notes:

14OCT14 – Group Meeting

Duration: 30min

Purpose and Goals:

The purpose of this meeting was to synchronize our repository information and our development plan for the first demo which will be next week. We wanted to make sure everybody was on the appropriate gitlab team and project so that we could collaborate to finalize demo one.

Achievements:

In this meeting we went to the TLA and got everybody signed up for gitlab and added to the project team for the application. Additionally we went over the demo and some of Xcode's features that we will use to show to ISG next week with our first demo to them.

17OCT14 – Phone Meeting with ISG

Duration: 30 min

Purpose and Goals:

This meeting was intended to be a short meeting in order to touch base and ensure that everything is going well for our team and that we are on track to present the demo. We also wanted to check the status of several of our pending actions such as the status of the Apple Developer account, testing phone, and AR framework.

Achievements:

This meeting was relatively short but was very good to touch base and update each side on the status of our project. We were able to coordinate the pick up of the testing phone and receive the account information for the Apple Developer account which will help us to unlock more features in Xcode that we need to continue development of the application. Additionally we were able to

Pending issues

1. John Deere identity site
2. Contact with faculty advisor

Plans for next week

Describe who will do what

1. Jesse: Test iPhone to make sure everything works properly. Test demo build on iPhone, begin experimenting with features now available with Apple Developer account.
2. Tanner: Freeze demo for ISG, begin developing for next demo, continued updates to project plan and design document.
3. Haoyu: Finish website and advance demo.
4. Brian: continue working in xcode, working on demo, and attended meetings.
5. Sang: continue working on developing XCode storyboard for demo.

Individual Contributions

Jesse: Resolved advisor issues with group and Prof. Mina. Contacted new advisor, received iPhone from Dr. Fateh for testing.(4 hr)

Brian: learning xcode and attempting to connect to git(7hrs)

Haoyu: Worked on website and prepared for first app demo this week (4)

Tanner: Attended meetings, weekly report, project plan, design document, demo work (7 hr)

Sang: Connected to ISU GitHub and worked on XCode storyboard for demo (4 hrs)

Total contributions for the project

Jesse Walther (33 hr)

Brian Moran (25hr)

Haoyu Liu (34hr)

Tanner Hildebrand (43 hr)

Sang (33 hr)