

EE 491 Weekly Report - MAY15-05
Week 5 (09/29/14-10/05/14)

Advisors: Tien Nguyen

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 finalized our initial project plan for our application and created the foundation for moving forward and worked on requirements and expectations for beginning to develop the application in the coming month. Our document included our screenflow as we understood the requirements as well as some of our assumptions and expectations which we expect to be confirmed and/or updated by ISG in the coming week. We shared this document with the ISG and discussed some screenflow plans to try and coordinate the requirements and synchronize our idea of how the application was to function. Additionally our webmaster started to work on the web page so that we could start using this to maintain updates once we have established what the webpage should contain. Finally we discussed having an in person meeting to better coordinate the requirements.

Meeting notes:

30SEP14 – Group Meeting

Duration: 30min

Purpose and Goals:

Coordinate for the week and for the upcoming phone meeting with ISG in which we will be presenting our project plan. We also needed to set up a way to complete the Non Disclosure documents to send to ISG.

Achievements:

In this meeting we went over the project plan and addressed the important aspects of it and were prepared to give it to ISG on Friday. Also we discussed the NDA and decided to complete it on Friday when we met to call ISG. We also received our web page at this time so we briefly touched on the future of that

page and began setting up an environment to create a useful and practical resource out of that.

03OCT14 – Phone Meeting

Duration: 30min

Purpose and Goals:

In this meeting we were to show our project plan/screenflow thoughts to ISG and receive some feedback and let them comment/adjust the plan to meet their needs and to finalize some paperwork requirements that had been lagging.

Achievements:

At this meeting ISG was shown the project plan with a focus on the screen flow diagrams and some mock screens. We reviewed the status of the testing phone and decided to order one that was not unlocked and just use the Verizon network. We discussed issues with using a web page to post project documents after signing an NDA and worked out a plan for that for ISG to review the documents before posting. Finally we addressed the NDA forms which were signed and submitted to our advisor for finalization.

Pending issues

1. Licensing issues over libraries for Augmented Reality
2. Finalize NDA paperwork with Advisor

Plans for next week

Describe who will do what

1. Jesse: continue to work on xcode experiments, maintain contact with John Deere reps.
2. Tanner: Set up a storyboard in Xcode to show some screen movements to submit to ISG and begin thinking about design document.
3. Haoyu: continue to work on xcode. Think about the webpage stuff.
4. Brian: Get caught up
5. Sang: Continue exploration of XCode and Object-C to develop mobile application for our project, and will work on web design for our team web page.

Individual Contributions

Jesse: (4) created some basic screen sketches with Photoshop, attended meetings, added some functions to xcode experiments

Brian: I had bronchitis and was out most of the week except our Friday meeting(1hr)

Haoyu: Attended meetings, looking at the project plan, learning Xcode, trying the database(6)

Tanner: Attended meetings, refined project plan and various screenflow diagrams and mock screens, set up a simple storyboard in Xcode (7)

Sang: Attended meetings, tried to fix some issues on OS X, Tried to be familiar with XCode.(6)

Total contributions for the project

Jesse Walther (25hr)

Brian Moran (14hr)

Haoyu Liu (28hr)

Tanner Hildebrand (29 hr)

Sang (22 hr)