EE 491 Weekly Report - MAY15-05
Week 6 (10/06/14-10/12/14)

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

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Weekly Summary

In this week we had much discussion with the Intelligent Solutions group concerning our project plan and the future design of our application. After presenting our plan last week, this week ISG returned our plan with some notes to better direct the project in the way to meet their vision. By meeting in person this week we were able to iron out many of the details and further synchronize our visions and prepare to create a demo for the end of the month.

Based on the feedback from ISG in their review of our Project Plan and at this most recent meeting we have begun to update our Project Plan in order to fully align with their expectations. We have eliminated features which are not part of the specifications and started to redraft our screenflow and screen sketches to a more specific and clear case which will adhere to ISG's design guidance.

Since we've had access to the TLA for the past week team members without Apple devices have been able to continue to learn iOS development on the University's platform. Particular focus in learning how to use Xcode's storyboard feature has been given for developing a 'page' demo for ISG.

Meeting notes:

06OCT14 – Group Meeting
Duration: 30min

Purpose and Goals:
In this meeting we were mostly just touching base to coordinate on the weeks requirements, which in turn was mostly preparing to meet with ISG on Friday. We

wanted to make sure we had a good understanding of each others ideas in order to minimize confusion in communicating with ISG.

Achievements:
We held a quick discussion and reviewed our plan for the week and for the coming weeks in developing a demo for ISG using XCode's storyboard feature. In this meeting we confirmed that everybody knew what was expected for the week and what all of our tasks were to be to continue pushing our project towards completion to standard.

03OCT14 – Group Meeting with ISG on Campus
Duration: 1hr 15min

Purpose and Goals:
In this meeting we very much wanted to stamp out as much confusion over the exact requirements and operation of our application as we could. Based on the project plan which we submitted to ISG earlier in the week we planned to review and synchronize what the screen flow would be and what the navigation style was to entail as well as how the application was to handle and store information.

Achievements:
After this meeting many specifications were clarified and details were ironed out particularly in regards to constructing a demonstration simulation app for us to show at the end of the month. We agreed on a reasonable time line to make the first demo which would show some basic user interaction in moving from screen to screen of a few key pages according to the screen progression which was also discussed in this meeting. After ISG showed us some wireframes of what their vision was of the app we were able to narrow the specifications of our application to better fit the model and user base which it will affect.

Pending issues
1. Licensing issues over libraries for Augmented Reality
2. John Deere identity site
3. Contact with faculty advisor

Plans for next week
Describe who will do what
1. Jesse: Coordination between ISG and team, xcode work for first demo
2. Tanner: Continue construction of demo storyboard and begin work on design document and updates of project plan to send to ISG
3. Haoyu: start working on xcode, working for project webpages.
4. Brian: start developing in xcode and start creating a basic functional demo
5. Sang: Start working on basic storyboard for our demo. Try to find some good resources for our website.

Individual Contributions

Jesse: Coordinated and attended meetings, project plan work and presentation to ISG (4)

Brian: attended meetings started practicing xcode(3hr), still catching up from being sick(4)

Haoyu: ()Attended meetings. Prepare for project webpages.

Tanner: Attended meetings, reviewed ISG comments on Project Plan and initiated updates, began work on demo storyboard for application (7 hr)

Sang: (5) Attended meetings, being familiar with XCode, working on basic storyboard for next demo.

Total contributions for the project

Jesse Walther (29hr)

Brian Moran (18hr)

Haoyu Liu (30hr)

Tanner Hildebrand (36 hr)

Sang (27 hr)