

## Sprint 2 Report - SPOT

Team Spot Communications

November 6, 2013

### **Actions to stop doing:**

Putting off formal testing. We have been just finishing a feature and moving on to the next task. As release comes closer these features need to be tested more regularly and faults need to be identified and removed.

We should implement other scrum framework processes into our scrum ecosystem. Our proposal scope calls for a redirected focus sense for our workflow management plans.

### **Actions to start doing:**

More time needs to be dedicated to individual work. Working together has been very productive, however it has caused many of us to put off some basic work until a group session, thus wasting valuable time getting these tasks done before real progress can be made.

Our unit testing framework is not up to the required specifications, and we need to flesh it out in this third sprint, and could end up being a big issue if we do not tackle this problem.

### **Actions to keep doing:**

Working together in groups has been very productive in accomplishing our goals. We have solved many of our individual issues together, and should continue doing so.

Our level of communication has been very good, and we meet regularly for extended meetings bi-weekly on top of our Scrum meetings. We should maintain this pace.

### **Work completed/not completed:**

We had considerably better results during our week 2 sprint compared to the prior week. We completely revamped our user interface(UI), cleaning up the spacing and button layouts while also adding new features. We were able to successfully create groups via WifiDirect, which will serve as the structural host for the chat clients. We were able to prepare a basic unit testing framework for the project, though we were unable to complete all of our testing goals. Connecting two different devices was a major milestone for the project, as getting Wifi P2P activity is the core of our project. The members of the group working on the network portion of the program were able to make sense of the WifiDirect example provided by Android, and are in much better shape to use the provided documentation to further advance our goals. We finished our user manual as required, which will help users work the application. Our chat client itself was completed, but as of this report, we cannot chat between two devices. Sending any data over wifi is a major goal that will take more time than we initially allocated, and thus must be moved into the third sprint. We were able to link our UI to our working netcode, but it is still not release ready. Multi-user connection is also incomplete.

**Work completion rate:**

Completely finished user stories: 2

Completed tasks: 8

Ideal Work hours of finished tasks: 45

Effective days of sprint: 14

Tasks per day:  $8/14$  or  $\sim 0.57$  tasks per day.

Ideal work hours per day:  $45/14$  or  $\sim 3.21$  hours per day