

Ian Blake  
Ryan Cori  
James York  
Jeff Sweeney  
David Zeppa  
HuJun Cui

Sprint 3 Report - SPOT  
Team Spot Communications  
December 5, 2013

**Actions to stop doing:**

Our group team SPOT was able to complete all of the tasks that was given, however there are still changes to be made. Most importantly, we should have cleaner code with better coupling and cohesion.

**Actions to start doing:**

Even though we have finished all of the tasks there is still room for improvement. Since we are in the state where tests play an important role, we should form up dates for more group sessions to test out our app.

**Actions to keep doing:**

We have a solid testing framework for our app, and we should keep the habit of testing out product as we contribute more code to the project.

Every member in SPOT Communications has a string bond between each other and that has played an important role in getting the project done.

**Work completed/not completed:**

We are very happy to say that Team Spot Communications was able to complete all of the tasks that were laid out for us in the release plan. During the last week of the sprint, everyone has put up a tremendous amount of effort to complete these tasks. We have mastered the usage of Java Sockets to send data between different users that are connected in a WiFiDirect group. In the end were able to have complete functional netcode that was able to send data from one phone to another over WiFi, which lets users chat freely. We were able to clean up some of the messy user interface to make it easy and user friendly and above all, created an amazing logo for our product. We were able to develop unit tests for our application, helping ensure the code was working properly. We were able to finish the following user stories: sending data over wifi, link connect button for connecting to a group, linking message queue tied to chat view, and a logo to the main menu, connect more than two users into the same chat group, users send chat message data to group owner, group owner periodically sends out new chat log to all users in the group, removed known fault of not being able to rejoin chat group once one is left, learn how

to use Java Sockets to send data between users connected in a WifiDirect group, make test cases for touchscreen input handling, test how many clients can connect to a group and what the group load is, unit test the broadcastReceiver class we are currently using, functional tests connecting and disconnecting both for users and groups, and lastly functional test for message queue load.

### Work completion rate:

Completely finished user stories: 5

Completed tasks: 15

Ideal work hours of finished tasks: 53

Effective days of sprint: 14

User stories per day: 1.071

Ideal work hours per day: 3.80

