**Sprint Report 3**

Ericsson

Christopher Berstler

Samuel Stutsman

Shane Reetz

Jeffery Geiser**1. Sprint Planning Meeting –** 3/6/13

**1.1 Sprint Backlog**

Our backlog is in the Microsoft Project plan. We also have tickets on the Github page to track issues.

**2. Sprint Review Meeting –** 4/3/13

**2.1 Customer Demo**

Oskar has been duly informed of the progress we’ve made since the start of the sprint. The demo we delivered presently only works for Windows and Linux. The prototype at the time of this release was able to send a number of pings, and receive them, and display a limited amount of information.

**2.2 Stakeholder Involvement Review**

We have continued to hold weekly meetings every Wednesday. Oskar Myrberg is the primary stakeholder we’re trying to make happy. We communicate ideas to each other, and so far Oskar seems pleased with the progress made up until this point.

**2.3 Data Management Review**

Version control and issue tracking has been successfully handled by our standards of using GitHub. One brief problem at the start of the sprint presented itself, but overall data management has been smooth sailing.

**2.4 Requirements Review**

No requirements changes have come to be necessary. Though the feasibility of creating UDP broadcast and listening modes is gradually decreasing.

**2.5 Progress Review**

We are able to create an ICMP ECHO\_REQUEST, identify and verify its checksum, send it out on a raw socket, and receive an ICMP ECHO\_REPLY. We are able to do this several times, receive several replies, and distinguish one packet from another, and confirm that they are the ones we sent out. Currently, our program only compiles on Linux and Apple machines.

**3. Sprint Retrospective Meeting -** 4/3/13

**3.1 Top Highlights**

Although progress has been slow and steady, progress has been made over all. Being able to send and receive packets, and confirm it’s working properly through a packet sniffer has caused the greatest jubilation this sprint.

**3.2 Top Lowlights**

With the deadline looming, even small problems in the recent build can cause a negative reaction. Even though work meetings are still productive, the atmosphere feels somewhat tense.

**3.3 Reflection on Improvements**

If anything, we wish we had spent more time working on the project. This means we wish the deadline was further away, and it also means regardless of how busy we were, we regret not spending even more time together on the project.