Weekly Log Week of 14th

John Wesley Hayhurst and Juan Vallejo

September 2015

1 Week of September 14th

1.1 Tasks Completed

- receiving UDP packets in a c++ program
- receiving accelerometer through UDP packets
- controlling robots head with accelerometer data

1.2 Hours Logged

- receiving UDP packets (3 hours Juan & Jake)
- receiving accelerometer data (2 hours Juan & Jake)
- controlling robots head (4 hours Jake & Juan)
- research (5 hours Juan & Jake)

1.3 Backlog

- Research
- streaming video feed using Oculus SDK
- optimize video data being streamed from robot
- getting robot to work in a windows environment
- reduce latency for head movement

1.4 One Week Outlook

The main goal of this week is to stream video data directly to the Oculus using the SDK. This will make streaming the video data more direct and better optimised for the Oculus. We also hope to work on reducing latency for the robots head movement to better represent human movement.