

499 Weekly Report

October 24th

Hunter Hottest Sites

Eli's Work

From Last Week

Code Backend:

- ☐ ~~Start putting packets in their corresponding time buckets, and make sure it works. (waiting on Oliver to tell me what format he wants.)~~
- ☐ ~~Open web socket and push it to Oliver's server.~~
- ☐ Learn plotly! Try to do a live stream using data collected.

Project:

- ☐ Learn about the subnets at Hunter and find out on which subnet/wifi we get the most traffic from students.

Added Mid Week

Code Backend:

- ☒ Create Server Socket.
- ☒ Create Client socket.
- ☒ Export random colors for each site to JSON file, along with corresponding radius.
- ☒ Create sizing function to represent data size based on traffic.
- ☒ Create my own webserver to experiment with the hosting end.
- ☒ Deploy code on webserver and make the website LIVE! ☺☺

Project:

- ☒ Get wifi USB dongle that can capture packets on Raspberry Pi.
- ☒ Go to the Library and test the code.
- ☒ Meet with the team and figure things out.

For Next Week

Code (front end??):

- ☐ Try to make the server refresh every x seconds.
- ☐ Display more info about website when users hover over it, or click on it.
- ☐ Make the site mobile friendly.

Code Backend:

- ☐ Learn plotly! Try to do a live stream using data collected.
- ☐ Color code known websites (FB = Blue, CunyFirst = Orange, Youtube = Red, etc.)
- ☐ Make sizing function more accurate.

Project:

- ☐ Go to the Library and test the code (again, with the new wifi dongles).