

## 499 Weekly Report

November 14<sup>th</sup>

### Hunter Hottest Sites

Eli's Work

### From Last Week

#### Code (front end – Work with Leon):

- ☐ Rather than refreshing the entire page every x seconds, just refresh the bubbles tha changed.
- ☐ Make the site mobile friendly.

#### Code Backend:

- ☐ Add more known websites/add to the list. (Lila is currently collecting the IPs)

#### Project:

- ☐ ~~Go to the Library and test the code (again, with the new wifi dongles).~~
- ☐ ~~Fix Raspberry PI to work with script (find right network card. Purchased 3. Need to test them)~~

### Added Mid Week

#### Code Backend:

- ☒ Export 3 radii, so we can sort traffic by total length, number of users, and number of packets.
- ☒ Host server on AWS, and try to create it on a JS instance rather than plain HTML.  
The site is now hosted on '[www.collegedropouts.org:8080](http://www.collegedropouts.org:8080)', a PHP instance on AWS (EB). It is currently receiving live data. The script on my branch should be fully up to date and able to update the site. Note that if you do not type in 'www' it will not resolve the address, as it was the way I added the CNAME entry on my godaddy account.
- ☒ Implemented weigh function suggested by the Professor. The sizing works better now. Check the data.json file on 'eli' branch to see the numbers generated. Lines 111,112, and 113 on file sites.py, My branch, not the master.
- ☒ Changed socket to point to AWS instance, and opened the necessary ports.
- ☒ Fixed a few things on FAQ and made it live (working with LEON)

### For Next Week:

#### Code Backend:

- ☐ Export JSON file using top N websites, rather than exporting all. When we exceed 100 the site looks messy. Will do 25 for now. Should have this implemented by Thursday.
- ☐ Try to use my Surface for the capture. If it works, I don't mind leaving it in someone's office within the library. Need to install linux on it. Will test it on Thursday.
- ☐ Add more unwanted sites to the list of ignore.
- ☐ Add more known websites/add to the list. (Lila is currently collecting the IPs)
- ☐ Rather than refreshing the entire page every x seconds, just refresh the bubbles tha changed.
- ☐ Make the site mobile friendly.