**KompyuterM3chakrs**

Week of (Date):

Team Members Active this Week:

Weekly Update of Project/Research (Summarized by Team Lead):

Name: Nathan Bellew Hours worked this week:

Please explain in detail what you worked on this week.

What are the outcomes of your research and time for the week?

Please describe any roadblocks or difficulties you experienced in your research this week.

What are your next steps moving forward?

Name: Melanie Grumley Hours worked this week: 20.5

Please explain in detail what you worked on this week.

I read about using machine learning to detect malicious URLs.

What are the outcomes of your research and time for the week?

To write the introduction to our research paper.

Please describe any roadblocks or difficulties you experienced in your research this week.

None really

What are your next steps moving forward?

Continue reading and writing the research paper.

Name: Keren Angeles Hours worked this week: 23

Please explain in detail what you worked on this week.

This week I learned about Machine Learning as a side project for Dr. Basnet

What are the outcomes of your research and time for the week?

During this self study I learned about Machine Learning, Tensorflow and how to train machine in recognizing malicious URLs. In order to understand this process I watched tutorials and performed some experiments as well.

Please describe any roadblocks or difficulties you experienced in your research this week.

There were some bugs in the practice that I still haven’t figured out how to fix. The results showed that the training went well however the code for the predictions needs to be tweaked

What are your next steps moving forward?

Moving forward, now I have to attempt to replicate an experiment using either Tensorflow, Keras, or Theano.