-Project 2 – Independent – Data Mining with Opnet and Network Traffic

-Due Friday 1/27 12pm Y drive & Hard Copy

-Design a network using Opnet Modeler or MAE, such as, Ethernet, ZigBee network, etc.

-The network should have at least 15 nodes.

-Or, it could a 7x7 or 9x9 ZigBee Network

-Any topology is fine

-Collect at least 15 attributes/variables/statistics from this network such as Delay, Dropped Pkt Rate (DPR), Transmission Time between Two Pkts (TTBP), Pkt Round Trip Time (RTT), Average Pkt Hop (PHC), etc.

-Simulate and run the network  
  
-Collect the statistics

-Output at least 15 graphs

-Please give different exponential distributions (that depends on the mean: 1, 2.5, 4, 10, etc) to the variables

-Please give different levels of traffic: low traffic, moderate traffic, high traffic, cyber attack situation

-Very Important: Please collect/find and show the actual data behind these Opnet graphs

thru research with Opnet

LnFn\_Project 2

-Describe the network, capabilities, attributes being collected, design, architecture, etc.

-Show the network, the graphs, explain the graphs, and show/print the ACTUAL DATA for the graphs in your report (data that produces this graph)