CSC 641 Network Science, Fall 2015
Instructor: Dr. Natarajan Meghanathan

Project 2: Demo on a Network Visualization and Analysis Tool

Total Points: 100% - Demo-in class: 50%   Demo-desktop recorded video: 50%

Due dates: Demo in class (Nov. 30 @ 6 PM)   Desktop recorded Demo video (Dec. 3 by 6 PM)

Project Outline: In this project, you will have to select a network visualization and analysis tool (other than Gephi) and give a demo of its working in class as well as submit a desktop recorded demo video (that runs for at least 25 minutes) covering different features of the chosen tool and explanation for using those features with appropriate examples. Your tool could be applied for any field: Social Networks, Biology, Finance, Chemistry, etc.

Tools: A sample list of network visualization and analysis tools can be found at:
http://www.kdnuggets.com/2015/06/top-30-social-network-analysis-visualization-tools.html

Desktop Recorded Demo Video Submission and Bonus: The desktop recorded demo video has to be uploaded through JSU Google Drive and the link has to be emailed to the instructor (natarajan.meghanathan@jsums.edu) by Dec. 3rd - 6 PM. Late submission of the desktop-recorded demo video (beyond Dec. 3rd, 6 PM) will not be accepted.
Students submitting the desktop-recorded demo video by Nov. 30, 6 PM, will get a bonus of 10% on the points they score on the video (for example, if your original score is 40 out of 50 for the video and you submit by Nov. 30, 6 PM, your score for the desktop-recorded demo video will be 44 out of 50)

Demo in class: The demo is to be done in class on November 30, 2015 at 6 PM. Each student is expected to demo in class for 20-25 minutes.

Selection of the Tool and Instructor Notification: Since it is a small class, I encourage you to discuss and finalize among yourselves and make sure that each person is working on a different visualization and analysis tool.
You will have to email me a network visualization and analysis tool that you will be working on by November 16, 2015 so that I can make sure that no two people are working on the same tool.
You could email me your choice of the tool well ahead of Nov. 16; the final assignment of the tools will be done on a first-come-first-serve basis (whoever emails me first for a tool gets the priority to work on the tool).