May1618: Graphalyzer

WEEKLY REPORT #11   **Date: 3/21-3/27**

Group number and Name: May1618
Client/Advisor: Ross Hendrickson/Simanta Mitra
Attendees/Role:

- Andrew Bowler - Webmaster
- Al Gomez-Estrada - Communications
- Michael Sgroi - Key Concept Holder
- RJ White - Key Concept Holder
- Taylor Welter - Project Leader
- Simanta Mitra - Advisor
- Ross Hendrickson - Client
- Eric Olson - Client
- Blake Wilson - Client
- Sean Strickland - Client

Past week accomplishments

❖ We fully configured Workiva's Amazon Web Server and deployed the project.
  ❖ The gulp issue was resolved. An Ubuntu specific issue kept it from working right, and we had to downgrade the server's version of Node.js to get it to work.
  ❖ Installed NGINX on the Ubuntu server, now the web client, websocket server, REST, and neo4j run with port 80 being the only open port.
❖ Ross got a custom DNS for us to use for the project:
http://graphalyzer.wk-dev.wdesk.org/
❖ Node searching was implemented, runs in O(1) time.
❖ Unit testing code restructuring is in progress.

❖ We worked on the presentation slides and got feedback from Dr. Mitra.

❖ Project website was updated with new information: http://may1618.sd.ece.iastate.edu/

Plan for coming week

❖ We are giving our second presentation to the instructor on Wednesday, 3pm. We are meeting Monday to revise slides based on Dr. Mitra's suggestions for improvement.

❖ Start work on revamping the Search Panel

❖ Continue work on restructuring test code

❖ Start work on exporting parameters in a URL and importing them into the application

❖ Continue work on updating graph data into neo4j

Individual contributions

❖ Andrew

  ❖ Worked on configuring server - **½ hour**

  ❖ Worked on presentation with team - **1 hour**

  ❖ Made demo videos for presentation - **1 hour**

  ❖ Implemented node searching - **3 hours**

  ❖ Worked on clustering by zoom - **2 hours**

  ❖ Updated project website - **1 hour**

  ❖ Met with client, sprint planning with team - **1 hour**

❖ Michael

  ❖ Set up Nginx with proxying for REST, client site, and websockets - **5 hours**

  ❖ Met with client, sprint planning with team - **1 hour**

  ❖ Worked on presentation with team - **1 hour**

- ❖ Al
  - ❖ Worked on server configuration - **1 hour**
  - ❖ Worked on testing framework restructuring and debugging - **8 hours**
  - ❖ Met with client, sprint planning with team - **1 hour**
  - ❖ Worked on presentation with team - **1 hour**
- ❖ Taylor
  - ❖ Met with client, sprint planning with team - **1 hour**
  - ❖ Worked on presentation with team - **1 hour**
- ❖ RJ
  - ❖ Met with client, sprint planning with team - **1 hour**
  - ❖ Worked on presentation with team - **1 hour**
  - ❖ Started n degree subgraph search - **4 hour**

Individual hourly contribution

NAME	Hours this week	HOURS cumulative
Andrew	9.5	68
Michael	7	65.5
Al	11	49
Taylor	2	19.5
RJ	6	61