

## May1618: Graphalyzer

### WEEKLY REPORT

Date: 10/7-10/13

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
- Taylor Wolf - Client
- Eric Olson - Client
- Sean Strickland - Client
- Blake Wilson - Client

### ✓ Past week accomplishments (please describe as what, who, when)

- ❖ Al, Michael, RJ, and Taylor met on 10/5 to discuss the backend architecture at the top-level, and the arrangement of our tech stack (i.e., which “pieces” go where)
- ❖ On Friday, Andrew, Al, and Taylor planned basic UI design to have a prototype ready for Friday 10/16
- ❖ On Friday, we discussed with Ross and Sean more on short-term goals for a prototype, as well as possible solutions for dealing with large graph files when uploading them to the application.

## Plan for coming week (please describe as what, who, when)

- ❖ Andrew, Al, and Taylor are going to start writing the code for a basic UI. Plans are to show a graph visualization panel, a side panel with selected node information, and a search bar by 10/16.
- ❖ Andrew will learn AngularJS, and has created a branch on the GitHub repo for the basic UI
- ❖ Al will set up a basic Angular boilerplate to get the webpage up and running.
- ❖ Taylor will look into parsing the graph data for the UI.
- ❖ RJ, Mike, and Taylor will meet again to discuss the backend architecture more in-depth

## ✓ Pending issues

- ❖ As this technology is new to us, we're all taking time to learn it, so progress may be slow on some areas.
- ❖ Weekly client meeting will be cancelled for the week of 10/23, since Workiva is having a conference.
- ❖ Live meeting with Workiva is not set in stone yet, possibly around 10/26. The Taylor W's will coordinate this at a later date.

## ✓ Individual contributions

- ❖ Andrew
  - Met with client - **½ hour**
  - Met with advisor - **½ hour**
  - Attended UI meeting - **½ hour**
  - Started taking an AngularJS online class - **3 hours**

❖ Michael

- Met with client/advisor - **1 hour**
- Worked on learning D and Neo4j - **2.5 hours**

❖ Al

- Met with client, UI meeting - **1 hour**
- Make template for UI - **½ hour**

❖ Taylor

- Met with client - **½ hour**
- Attended UI meeting - **½ hour**
- Attended front-end meeting - **≈ 1 hour**
- Delved slightly deeper into JS - **½ hour**

❖ RJ

- Started reading book on neo4j. Setup a test server for backend. - **3 hours**
- Met with client - **½ hour**

**Individual hourly contribution**

<b><u>NAME</u></b>	<b><u>Hours this week</u></b>	<b><u>HOURS cumulative</u></b>
Andrew	4.5	15
Michael	2.5	11
Al	1.5	9.5
Taylor	2.5	18.5
RJ	3.5	14.5