

May1618: Graphalyzer

WEEKLY REPORT #3

Date: 1/25-1/31

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
- Blake Wilson - Client
- Sean Strickland - Client

Past week accomplishments

- ❖ Workiva is giving us a server to deploy the code on sometime next week. During our weekly meeting we nailed down requirements that they need to have to set it up.
- ❖ We met with the course instructor for SE/CPRE 492 and learned what to focus on for presentations and this semester
- ❖ Search Panel was redesigned to provide a dropdown list of graphs currently stored in the database
- ❖ Connecting to and sending messages over WebSocket is now more robust
- ❖ File upload time into neo4j has been drastically improved - what was once multiple days is now ~30 seconds
- ❖ An error for the REST service was fixed

Plan for coming week

- ❖ Get IP addresses/ranges for the ISU network, and send list of required technologies for the server to Taylor Wolf
- ❖ Write unit tests for all code, settle on a testing harness for JavaScript
- ❖ Look into an automated way to gather performance metrics
- ❖ Find ways to optimize data transfer to the client, and optimize UI performance

Pending issues

- ❖ We are reaching out to people to inquire about the IP ranges for the campus network

Individual contributions

❖ Andrew

- ❖ (With RJ) Changed the WebSocket message parameter to include the original request type in the response - **1 hour**
- ❖ Changed the Search Panel to have a dropdown menu containing all the graphs in the database - **2.5 hours**
- ❖ Made the process of connecting to and sending messages over the WebSocket server more robust - **2 hours**
- ❖ Met with team on Thursday - **½ hour**
- ❖ Met with client - **½ hour**
- ❖ Met with course instructor - **½ hour**

❖ Michael

- ❖ Fixed a couple bugs in the REST service - **3 hr**
- ❖ Met with team on Thursday - **½ hour**
- ❖ Met with client - **½ hour**
- ❖ Met with course instructor - **½ hour**

❖ Al

- ❖ Made some experimental tests with Jasmine - **2 hours**
- ❖ Met with client - **½ hour**
- ❖ Met with team on Thursday - **½ hour**
- ❖ Met with course instructor - **½ hour**

❖ Taylor

- ❖ Brainstormed techniques for gathering performance metrics - **1 hour**
- ❖ Met with client - **½ hour**
- ❖ Met with team on Thurs - **½ hour**
- ❖ Met with course instructor - **½ hour**

❖ RJ

- ❖ Met with client - **½ hour**
- ❖ Met with team on Thursday - **½ hour**
- ❖ Met with course instructor - **½ hour**
- ❖ Worked on speeding up neo4j - **2.5 hour**

Individual hourly contribution

<u>NAME</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Andrew	7	10.5
Michael	4.5	13
Al	3.5	6.5
Taylor	2.5	5
RJ	4	10