May1618: Graphalyzer

WEEKLY REPORT #11   Date: 11/11-11/17

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

- ❖ Project Plan v2.0 was completed.
- ❖ A build tool for the frontend was completed.
- ❖ Demo 1 equivalent backend in python completed.

Plan for coming week

- ❖ Rewrite client from Angular to React
- ❖ Rewrite backend from D to Python
- ❖ Complete file uploading/Neo4J logic
- ❖ Update design document with changes to the design issues and test plans to reflect our new tech stack

Pending issues

❖ Workiva has been notified about the upcoming 491 presentation, and they will work to send someone to campus to represent the company for when we present.

❖ We have changed the tech stack.

> ❖ We have decided that Angular is not suitable for our project and is very difficult to understand to the point where we were focusing more on getting Angular to work correctly instead of implementing the project to the best of our ability, so we have decided to spend time moving to React. We feel that React better suits our needs for this app and is much more readable to the developer.

> ❖ We are rewriting the backend in Python. D was having issues connecting to Neo4J.

Individual contributions

❖ Andrew

> ❖ Created a Gulp build tool to compile all JavaScript files into one bundled JS file for the client - **1 hour**
>
> ❖ Started top-level work on client-side React code - **½ hour**
>
> ❖ Worked on Project Plan with team, and later added more content per Mitra's suggestions - **2.5 hours**
>
> ❖ Completed individual 492 peer review - **1.5 hours**
>
> ❖ Met with client - **½ hour**
>
> ❖ Met with advisor - **½ hour**

- ❖ Michael
  - ❖ Worked on REST interface - **3 hours**
  - ❖ Completed individual 492 peer review - **1.5 hours**
  - ❖ Met with client - **½ hour**
- ❖ Al
  - ❖ Enrolled in online React.js course and started planning the restructuring of the front-end code - **2.5 hours**
- ❖ Taylor
  - ❖ Met with client - **½ hour**
  - ❖ Studied up a bit on React js - **½ hour**
  - ❖ Met with advisor - **½ hour**
  - ❖ Worked on node info panel - **½ hour**
- ❖ RJ
  - ❖ Meet with client - **½ hour**
  - ❖ Met with advisor - **½ hour**
  - ❖ Completed individual 492 peer review - **1 hours**
  - ❖ Studied python - **3 hours**
  - ❖ Started reimplementation of backend - **8 hours**

Individual hourly contribution

NAME	Hours this week	HOURS cumulative
Andrew	6.5	52.5
Michael	5	42.5
Al	2.5	35.5
Taylor	2	40.5
RJ	13	53.5