

Group number: Dec1703

Project title: HackTrack

Client & Advisor: Dr. Tom Daniels

Team Members & Roles:

Davis Batten – Team Key Concept Holder
Vitalie Cernetchi – Team Communications Leader
Nicholas Lewis – Team Communications Leader
Daniel Doyle – Team Leader
Anh Nguyen –Team Webmaster

o Weekly Summary

This week the team met to discuss how we will handle the extra credit assignments that soon have a due date. Davis and Dan met with Goce and clarified some extraneous details. Each team member has an assigned role in these documents. Davis discovered that our current query library has become deprecated, and we need to switch over to a supported library.

o Past week accomplishments

- Davis Batten: Created read-only flag API and added the team subscription model to the API. Working on moving to the new officially supported Javascript driver for Neo4j and integrating it with Node.js.
- Vitalie Cernetchi: Worked on the Transitions API
- Nicholas Lewis: Reformatted the queries in my traversals file
- Dan Doyle: Installed Graphaware Neo4j plugins locally and on VM, finished Python script portion of creating Scenario Graph in Neo4j
- Anh Nguyen: Created a function to set property to claim a flag

o Pending issues

- Switch query format to the new library standard

o **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Davis Batten	Team Subscriptions, Flag API, new Neo4j driver	8	92
Vitalie Cernetchi	Transitions API	4	52
Nicholas Lewis	Reformatted queries	3	58
Daniel Doyle	Neo4j plugins, Finished python portion of scenario script	8	67
Anh Nguyen	set property to claim a flag	4	55

o **Plan for coming week**

- Davis Batten: Continue migration to the new driver, work on integrating Transitions into the web app.
- Vitalie Cernetchi: Finish transitions API
- Nicholas Lewis: Continue developing the query for creating hypothesis'
- Daniel Doyle: Write custom UUID generator for Neo4j, populate database from python script
- Anh Nguyen: front page for flag claiming.

o **Summary of weekly advisor meeting**

Our advisor meeting was relatively short this week. We discussed the deprecation of our Node.js driver for Neo4j, and Daniels asked us to fill out a team member assessment and send it to him before the end of the week. The rest of the meeting was spent discussing where and how we would make the library switch.

o **Extra-Credit assignment progress**

- Quasi-Homework #1: We have an online meeting scheduled for 10/21 to complete this assignment. We have identified a few Bluemix features/projects that are somewhat relevant to our project, but still need to finish our write-up.
- Quasi-Homework #2: Davis identified four research papers that are relevant to our project. Each of the other team members has been working on summarizing one of those papers and how it relates to our project. Daniels is also helping us look for a fifth paper that relates to our hypothesis priority problem.