EE/CprE/SE 492 BI-WEEKLY REPORT 4

10/14/2019 – 10/25/2019

Group number: sddec19-09

Project title: Finding Hay in the Needle Stack

Client &/Advisor: Chad Raddatz & Thomas Daniels

Team Members/Role: Yealim Sung/ Project Leader & Meeting Scribe

Gooi Yin Hong/ Webmaster & Lead Designer

Austin Konsor/ Chief Engineer & Software Architect

Mireille Mwiza Iradukunda/ Test Engineer & Report Manager

Bi-Weekly Summary

These past two weeks, we worked on individual parts, the key generator, the database, and the prototype of the interface. We met with our client twice and once with our faculty advisor. We were able to come up with a way to compare differences within the code after our latest meeting with the client. We also got finished with the key generator.

Past 2 Weeks Accomplishments

Yealim Sung: These past two weeks, I worked on moving from MongoDB shell to MongoDB compass. Fixed authentication errors and made fetching and inserting data available.

Gooi Yin Hong: Worked re-implementing getting keys and integrating it. Worked on mysql connection.

Austin Konsor: I built a visual file comparison on our GUI that shows additions deletions and changes such as GIT shows on their website.

Mireille Mwiza Iradukunda: These past two weeks, I worked on debugging errors from our integration of the key generator with the directory searcher

Pending Issues

As a team:
- Get/See access to data and attributes
- Find out if MongoDB will be necessary

Individual Roles, Contribution and Time Spent

Name	Role	Contribution	Hours Worked	Hours Cumulative
Yealim Sung	**Project Leader /Meeting Scribe**	Worked on MongoDB compass	**7**	**24**
Gooi Yin Hong	**Lead Designer/ Web Master**	Worked re-implementing getting keys and integrating it. Worked on mysql connection.	**5**	**30**
Austin Konsor	**Chief Engineer/ Software Architect**	I built a file comparison on our GUI	**8**	**28**
Mireille Mwiza	**Test**	Wrote report and worked on	**6**	**27**

Iradukunda	Engineer and Report Manager	key generator		

Plans for the Upcoming Reporting Period:

As A team:

- Will get done with individual parts and will proceed to merge

Individually

Yealim Sung: Will work on visualization part to generate graphs using Matplotlib and will try to find other graph visualizations to see if there is a more efficient one.

Gooi Yin Hong: I will work on integrating what we have on the visualizations, getting the implementations of test cases, so we could get the comparison of two same test cases on different test files.

Austin Konsor: I will work on developing graphs with real data given by Collins and integrating each page to be accessible together.

Mireille Mwiza Iradukunda: I will work on developing mock graphs with Matplotlib to present to client.