
EE/CprE/SE 491 WEEKLY REPORT 6

3/25/2019 – 4/5/2019

Group number: sddec19-09

Project title: Finding Hay in the Needle Stack

Client &/Advisor: Andy Zobro & Srikanta Tirthapura

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

Weekly Summary

We had a zoom meeting with Kirsten on the 26th of March where we asked her some questions we had regarding the design document and she helped us with that. We also had an internal meeting on Monday, March 25th to go over the design document before submission. Our lead client Andy Zobro got assigned to other responsibilities and for that reason, he will not be leading us anymore with that being said we had to redo the intellectual property forms and were able to submit it to our professor on time. On April 3rd we went to the facility to meet with Branden. He showed us an example the python test files that we will be working with. Lastly, We are currently working to find a good permanent time to meet with our faculty advisor.

Past Week Accomplishments

Yealim Sung: Getting familiar with Python 3. Looking into how to use MongoDB. Drew out a sample output to understand the client needs.

Gooi Yin Hong: Work on the flow of the design of the system, and documented them in our design document.

Austin Konsor: Worked on the design document. Practiced outputting some made-up data based on what we learned in our meeting with Branden on April 3rd.

Mireille Mwiza Iradukunda: The past week, I worked on the design document, This week, I worked on learning python and wrote up the report.

Pending Issues

As a team:

- We are still gathering information for the project before getting started.
- Get access to data and attributes

Individual Roles, Contribution and Time Spent

| Name | Role | Contribution | Hours Worked | Hours Cumulative |
|----------------------|---------------------------------------|--|---------------------|-------------------------|
| Yealim Sung | Project Leader /Meeting Scribe | Started learning machine learning in python to see if it will help our project | 4 | 29 |
| Gooi Yin Hong | Lead Designer/ Web Master | Worked/understanding the flow of our system. | 4 | 26 |
| Austin Konsor | Chief Engineer/ | Practiced outputting fake data. | 5 | 25 |

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|----------------------------------|---|---|----------|-----------|
| | Software Architect | | | |
| Mireille Mwiza Iradukunda | Test Engineer and Report Manager | Wrote design document and wrote report and learned python | 6 | 26 |

Plans for the Upcoming Reporting Period:

As A team:

- Get a sample test file from Branden.
- Learn more about APIs that will be used in this project.

Individually

Yealim Sung: I will try to generate the fake input datas that look like the one we saw from the research park facility. Continue learning python and explore more features.

Gooi Yin Hong: I will continue to look into flaws & errors that we have discussed/designed for the system to fit the requirement of the project.

Austin Konsor: Implement some of the IEEE standards we researched into our design document. Hopefully given some fake practice data, continue to find ways to output that data.

Mireille Mwiza Iradukunda: I will be working on learning more on our data visualization tools and will make a python sample script that scans files to use after Branden sends us his sample file.

