
EE/CprE/SE 491 WEEKLY REPORT 7

4/8/2019 – 4/12/2019

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

This week, we had our weekly meeting with Kirsten and Branden on Zoom on Tuesday, 4/09. During this meeting, we asked them a few questions regarding IEEE standards. They told us that they did not have any specific IEEE standard used at Collins Aerospace and that therefore we could adopt any for our project depending on our preferences. We also talked about data and Branden sent us sample test files that he made to practice with. We had our internal meeting on Monday, 4/08 where we prepped for the client meeting. Since the semester is almost over, we decided to keep the weekly meeting for only when we have questions needed to be answered.

Past Week Accomplishments

Yealim Sung: This past week I looked through our project proposal, design document, and weekly reports to prepare for the final project proposal. I went through our meeting records and started finalizing how our high level design will look like.

Gooi Yin Hong: Looked through Branden’s fabricated test examples and understanding factors that have to be considered when trying to implement hashing for the code.

Austin Konsor: I helped work with the test data to practice the data aggregation on that. I have been in contact with the ETG to work on getting our clients access to our GIT repository.

Mireille Mwiza Iradukunda: The past week, I looked at the test files that Branden sent and started to find a way to make a Python script to scan it. I also wrote 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 preparing for the final project proposal.	4	33
Gooi Yin Hong	Lead Designer/ Web Master	Looked through Branden’s code.	3	30
Austin Konsor	Chief Engineer/ Software	Contacted ETG and practiced with test data.	4	29

	Architect			
Mireille Mwiza Iradukunda	Test Engineer and Report Manager	Wrote report and practiced with scanning sample test files	3	29

Plans for the Upcoming Reporting Period:

As A team:

- Learn more about APIs that will be used in this project.
- Work on the project plan

Individually

Yealim Sung: Will start preparing more detail-oriented and specific project designs. Will also try to spot weaknesses in our previous works and improve it.

Gooi Yin Hong: I'll be looking into our project plan and improve sections that are weak.

Austin Konsor: Hoping to have sample STAR WARS test result data to practice on. Also find a way to grant our clients access to our GIT repository.

Mireille Mwiza Iradukunda: I will be working on learning more on our data visualization tools and will continue with seeing what I can do with the sample test files from Branden.