

SE 492 Bi-WEEKLY REPORT - Sdmay23-03

8th April 2023 – 21st April 2023

Project title: DigiClips Search Engine Application

Client: DigiClips

Advisor: Ashfaq Khokhar

Team Members/Role:

Aashish Komaragiri - Database analysis

Elijah Shelby - Database analysis

Grace Rasmussen - Search engine application

Khushveen Kaur Umra - Search engine application

Matthew Karmelich - Email automation

Weekly Summary

For the past few weeks, our group held weekly meetings with our client, to talk about our progress, and to continue to advance our project. Our weekly meetings consisted of updating the client on our progress and updating each of our team what we have accomplished over the past few weeks. All the meetings held in the past two weeks with the clients have been extremely productive, as we have been able to see significant progress for our project. We have continued working into the final part of our project. Some of us were working on the front-end application and fixing errors in the frontend search engine while others continued with the graphs and emails.

Past week accomplishments

- **Aashish Komaragiri & Elijah Shelby(Database Analysis):**
 - Fixed several AWS errors including allowing for specific roles and positions for our application
 - Successfully created graphs and was able to integrate them into emails that can be sent out and viewed
 - Continued the task of generating graphs using the databases given to us but running it on DigiClips server instead of locally
- **Khushveen Kaur Umra & Grace Rasmussen (Search Engine Application):**
 - Worked on fixing errors that have been seen on the frontend search engine
 - Reviewed the changes currently made to the frontend engine application to verify it is working
 - Worked on updating the version of Angular throughout the code base
- **Matthew Karmelich (Email Automation):**
 - Allowed inclusion of metrics chart into emails
 - Increased frontend test coverage
 - Implemented current email functionality into new webpage

- Fixed various AWS related issues.
- Improved cron job service and removed old cron jobs.

Pending issues

- **Khushveen Kaur Umra & Grace Rasmussen:** Finishing up the remaining features on the frontend application that will complete the project. Finish testing all the new features
- **Aashish and Elijah:** We continued to struggle to get the graphs made on digiclips server
- **Matt Karmelich:** Awaiting client feedback for changes that need to be made
- **Entire team:** We managed to clear up several of our previous issues but some of our questions couldn't be answered by our Client. There are several parts of DigiClips code that appears to be unused or understood not by our Client but by different groups

Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Aashish	Continued with emailing and graphs	8	64
Elijah	Continued graph work	4	54
Grace	Communicated with the Colorado team while building our own code to make sure our Options page runs smoothly in conjunction with their Details page. Continue making necessary changes to the original code base when errors are found.	4	60
Khushveen	Continued implementing small features of the search engine application, while getting rid of the errors. Started testing the code and made sure that everyone is working and on the updated version.	4	50
Matthew	Lead client meetings and assigned team tasks. Increased test coverage of front-end applications. Fixed various AWS issues. Included team made messages in emails. Fixed cron job email issue.	10	53

Plans for the upcoming week

- Khushveen & Grace:
 - Continue implementation of the search engine application along with the options page and the email alerts page
 - Finish writing the code for the application, and make sure everything is running smoothly
- Aashish and Elijah:
 - Successfully create the graphs on digiclips server
- Matthew:
 - Await client feedback for what needs to be changed.