# cEE/CprE/SE 492 - sddec22-19 Text extractions from documents into Elasticsearch Report 10

9/16/22 - 9/30/22 Client: Kayla Gilleland, Buildertrend Faculty Advisor: Goce Trajcevski

#### **Team Members:**

Bruce Bitwayiki Jared Hayashi Rushal Sohal Tiffany Mayberry

## Weekly Summary

We worked on our presentation for the first PIRM (Peer/Instructor Review Meetings) and also started working on communication between our components. The backend is now able to send data between the two components and the frontend is now able to query through http requests.

#### Past Week Accomplishments

- Created JSON format protocol for communication between components
- Apache Tika sending post requests to Elasticsearch
- Frontend experiments of sending get requests to Elasticsearch
- Revised Search Bar and Result Card Style
- Reflected on current progress status and struggles in preparation for PIRM

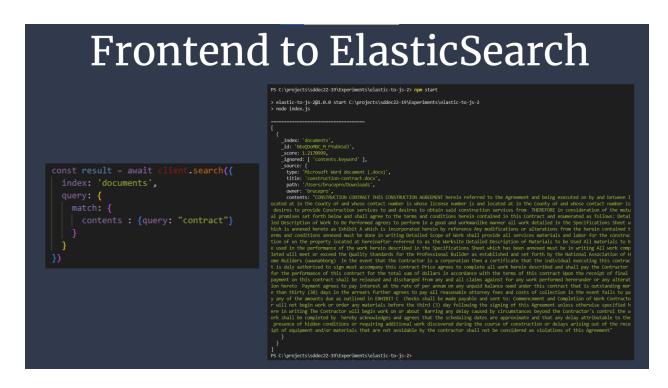
## Individuals Contributions

Name	Individual Contributions	BiWeekly Hours	Hours Cumulative
Bruce Bitwayiki	Create a data index and upload some sample documents to ElasticSearch for testing. Exploring various method of querying the data.	5	30
Jared Hayashi	Worked on Apache Tika conversion into JSON files as well as communication between Tika and Elasticsearch.	5	32
Rushal Sohal	Worked on the result view area and tried some styling to the card	10	32

Tiffany Mayberry Experimented with the frontend connection to Elasticsearch (trial and error), Edited the style of the result cards / search bar	10	49
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## Visuals of Current Progress from Presentation

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## Plans for the Upcoming Weeks

- Setup Spring server for Tika so the frontend can send files to it
- Use the findings of the frontend experiments to implement the connections between the frontend and Elasticsearch
- Write test cases for the UI
- Begin implementing the filter bar

## Summary of Weekly Advisor Meeting

• Deferred due to PIRM meeting