

# EE/CprE/SE 491 - sddec22-19

## Text extractions from documents into Elasticsearch

### Week 4 Report

2/21/22 - 2/27/22

*Client: Kayla Gilleland, Buildertrend*

*Faculty Advisor: Goce Trajcevski*

#### Team Members:

Bruce Bitwayiki

Jared Hayashi

Rushal Sohal

Tiffany Mayberry

#### Weekly Summary

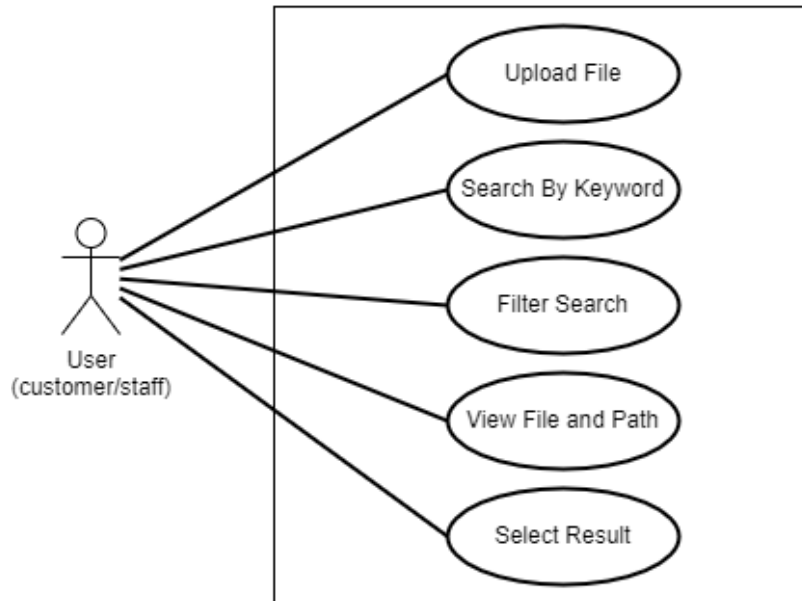
This week, we received a Microsoft Teams invite from Kayla. During our team meeting, we discussed what preliminary questions we had regarding constraints and the scope of the project and sent it in the Teams chat. We also got git setup on everybody's personal computers in preparation for future work and created more issues in Gitlab to keep track of design decisions that are made. Ryker responded at the end of the week answering our questions so the focus for next week will be to map those answers to concrete constraints and requirements to get a better understanding of the overall design and architecture of the project.

#### Past Week Accomplishments

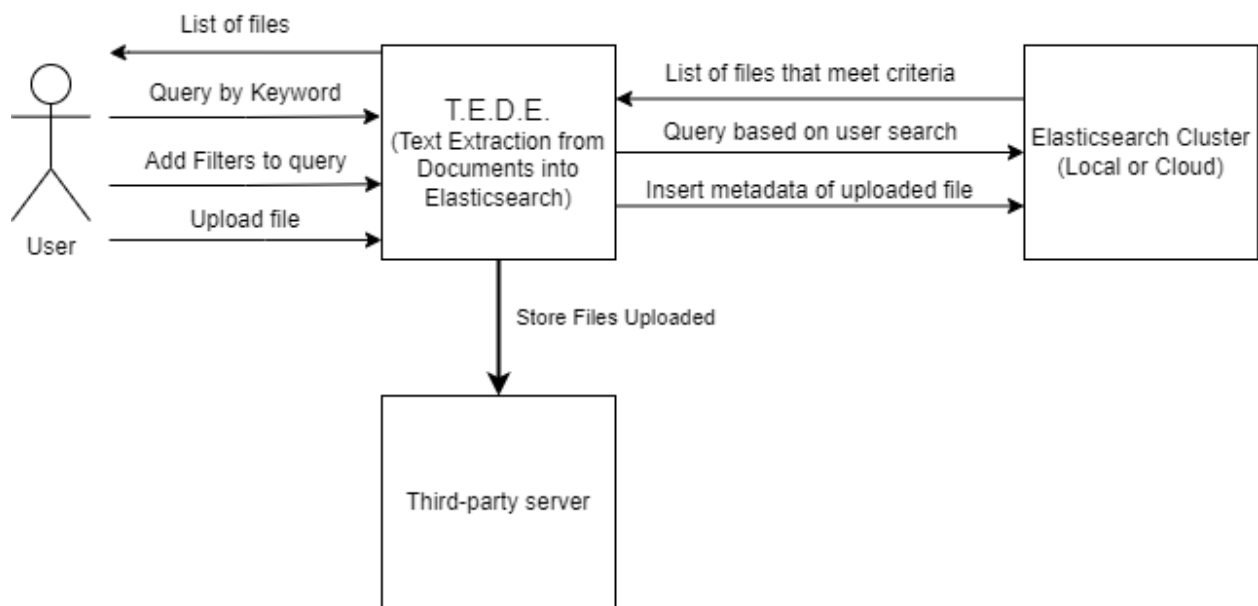
- Developed use-case and context diagram for project (See "Diagrams" section below)
- Brainstormed personas (See "Diagrams" section below)
- Setup git on local machines
- Updated our [project website](#) to include a description of our project and information on the team

## Diagrams

### USE CASE DIAGRAM



### T.E.D.E. Context Diagram



## USER PERSONA



**Name:**  
Stephanie

**Profession:**  
Construction  
Manager

**Age:**  
33

**Personal  
Background:**  
From Pella, Iowa.  
Majored in Civil  
Engineering at Iowa  
State. Currently  
works at Emergent  
Construction

### Goals:

- Efficiently Manage Resources
- Find necessary files fast
- Organize tasks

### Challenges & Frustration:

- Not being able to find files easily
- Too many projects to manage at once
- Poor internet/data in some areas
- Team being unproductive

### Influences:

- Customer satisfaction
- Money/status
- Deadlines/time

## Individuals Contributions

Name	Individual Contributions	Hours This Week	Hours Cumulative
Bruce Bitwayiki	Setup git locally and further explore TIKa application, Elevator pitch	2	7
Jared Hayashi	Created user persona and context diagram, setup git locally	4	7
Rushal Sohal	Setup git locally, elevator pitch, uploaded personal pic and introduction on the website	1	4
Tiffany Mayberry	Explored react, updated project website, Created context diagram	3	13

## Plans for the Upcoming Week

- Map answers from client to requirements - ask any questions needed to fill in the gaps
- Setup code structure on GitLab
- Create UI Mockups and get feedback
- Design other project diagrams (case, component, communication, etc.)

## Summary of Weekly Advisor Meeting

- Looked at examples for future sections of the design document to be filled out such as project requirements, plan, design, etc.
- Discussed mapping the constraints and requirements received from client to appropriate requirements for the final design document
- Can do experimentation for the second phase, but make sure to complete documentation first