EE / CprE / SE 492 – sddec21-05

Contractor Line Item Container & Estimate Software

Biweekly Report

Oct 11 – Oct 25
Client: Buildertrend
Faculty Advisor: Alexander Stoytchev

Team Members:

Adam Marks — *Front End Developer*
Chandler Hagen — *Team leader, Back End Developer*
Jordan Kirchhoff — *Front End Developer*
Meet Patel — *Front End Developer*
Zaid Kanaan — *Back End Developer*

Weekly Summary

This week culminated in our milestone meeting with buildertrend where we were supposed to demo the basics of our application. This included presenting our first milestone with our client Buildertrend. Although we weren't able to completely demonstrate our product since it wasn't connected to the backend yet we were able to make decent progress this week. We made good progress with the job list and table for our line item container. We spent numerous hours working on fixing bugs with our line item controller to properly process HTTP requests and finally got it to work. By the end of this upcoming 2 weeks we really want to have the base functionality of our website completed along with implementation to store and use parameters.

Past Week Accomplishments

- Main Page
  - Added functionality to navbar dropdowns Jobs, Equations, and Parameters
  - Created delete row for each line item on table
- Implemented endpoint for line item
  - GET method for returning line items works and tested on Postman
  - Completing implementation of POST methods

Pending Issues

- Problems with SQL syntax on POST request for creating line item
- Unsure how we want to deal with storing, deleting, and modifying parameters
- Sending requests between the server side and the client side using Axios

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Adam Marks	Worked on the formatting of the navbar and the ability to add and delete jobs from the job list	20	46
Chandler Hagen	Worked with Zaid to create endpoints and fix HTTP request issues	13	33
Jordan Kirchhoff	Updating the format of the table and creating the edit and delete icons for the table rows	8	29
Meet Patel	Worked on testing react components/worked on figuring out connection between test cases in SQL in my own branch	8	27
Zaid Kanaan	Worked with Chandler to create endpoints and fix HTTP request issues	12	32

Plans for Coming Week

- Integrating Axios
- Continuing to create endpoints for containers, projects, users, parameters
- Prepare for Milestone showing in 2 weeks
- Implementing chips for tags section in the table
- Finding a way to store parameters