

EE / CprE / SE 492 – sdddec21-05

Contractor Line Item Container & Estimate Software

Biweekly Report

Oct 26 - Nov 8

Client: Buildertrend

Faculty Advisor: Alexander Stoytchev

Team Members:

Adam Marks — *Front End Developer*

Chandler Hagen — *Team leader, Back End Developer*

Jordan Kirchoff — *Front End Developer*

Meet Patel — *Front End Developer*

Zaid Kanaan — *Back End Developer*

Weekly Summary

In this biweekly report the team worked together to complete the second milestone for Buildertrends review. The backend was able to complete the connections to process the HTTP request and spend time on planning how the project would store the parameters on the web application. The front-end made progress in reformatting the table to match the original design created in Adobe XD and implemented the footer for the main page. By the next biweekly report, we want to connect the front-end and back-end by using Axios to allow the line items to be populated by our database.

Past Week Accomplishments

- Made a plan for storing parameters
 - Self referencing foreign key with a relationship table for equations with multiple parameters
- Mainpage design
 - Create sticky footer to show the legend for tag types and total Builder cost and Total cost
 - Reformatted the table look to match our initial adobe XD design with icons and tag layout

Pending Issues

- Getting axios to connect the back end with the front end

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Adam Marks	Reformatted the table into Material-UI components and created the footer to display the types of tags and total builder cost and Total cost	10	56
Chandler Hagen	Worked with Zaid to find a way to store equations that reference parameters and all the logic associated with that. We also worked on setting up the axios to connect with the front end	10	43
Jordan Kirchhoff	Reformatted the table into Material-UI components and created the footer to display the types of tags and total builder cost and Total cost.	9	38
Meet Patel	Refactor some parts of code, test some different components, Tried to mess with line item field with different ways to add implement in a copied setting. ALoS test some post, get methods with requests.	8	35
Zaid Kanaan	Worked with Chandler to find a way to store equations that reference parameters and all the logic associated with that. We also worked on setting up the axios to connect with the front end	10	42

Plans for Coming Week

- Integrating Axios
- Prepare for Milestone showing in 2 weeks
- Implementing chips for tags section in the table