EE / CprE / SE 492 – sddec21-05
Contractor Line Item Container & Estimate Software
Week 3 Biweekly Report

Aug 30 – Sept 13
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

In our first couple of weeks, the team got together and created a plan for how we will have a successful 2nd half of our design project. The team plans to meet online on Thursdays at 2 pm. We will also have a bi-weekly meeting with our client Buildertrend during our Thursday meetings. The Team's accomplishments consist of setting up our Virtual Machine (VM), SQL Server, and creating a login page. In the weeks to come, we will look to create GUI for the main page and to create connections between React and the Database.

Past Week Accomplishments

- VM
  - Remote development through ssh set up
  - Live dev server up using tmux on the vm (react has this build in) set up
  - Set up the SQL server

- Login page
  - Created basic login page: has ability to move to the main page when the login button is clicked.

- SQL server
  - Set up SQL server on VM. Starting work on connecting the

Pending Issues

- Need to do testing for communication between the React app - the dotnet REST API - the SQL database to make sure it doesn't become a problem later
- Troubleshooting in SQL database so it's running on the server
- Connecting everything as soon as possible so we can focus on the development side of the application
- Not sure how to submit in react for login

- Email response between us and our technical advisor is slow. Hopefully it will be resolved when we set up our virtual meetings.
- After setting up time with our technical advisor we need to meet with the client ASAP

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Adam Marks	Set up VM for development, Created login page, Started on header for main page	8	8
Chandler Hagen	Set up SQL-Server on the server, worked with Zaid on starting up the dotnet REST api	6	6
Jordan Kirchhoff	Register for VM, Worked the framework for the main page.	5	5
Meet Patel	Researched React functionally with online materials, Tested some different React sections,	5	5
Zaid Kanaan	Worked with Chandler to set up the dotnet REST api	5	5

Plans for Coming Week
- Create basic GUI of main page
- Create the CRUD endpoints to connect the React functionality with the database information
- Create the base functionality to calculate Builder Cost and Owner Price for the backend