

SE 492 - sdddec20-07

Creating the New Face of Buildertrend

Week 2-4 Report

January 2020 - November 2020

Client: Buildertrend

Faculty Advisor: Mai Zheng

Team Members:

Mitchell Knoth - Team Meeting Scribe

Melissa Hernandez - Team Communications Leader

Dallas Evers - Team React Expert/Code Reviewer

Joshua Bump - Team Webmaster

Kailyn Mann-Calaway - Team Reports Manager

Darnesha Randle - Team Leader

Bi-weekly Summary:

Our team was able to meet with Daric and the Buildertrend team and discussed the new page that we are going to be working on. The page was already started by their summer interns, but still has an abundance of work to be done still. Due to the page complexity, it will count for the remaining pages that are required of us to complete by the end of the semester. We learned that page has many nested pages and tabs, that it will take some time to learn how it all operates.

We also met with our advisor Mai, he was able to help us figure out a way to manage our workload and make sure that it is balanced. Mai suggested that we focus on making the “building blocks” of our project to help divide out the workload into feasible tasks that each of us can pick up and work on. This Agile approach will help our team be more efficient and also inform us what others are working on. Mai helped us figure out how we can better sell our project by elaborating more on the technical aspects of our project. This will better paint a picture for those outside of our project, the complexity that our team is working with.

Individual Contributions:

Name	Individual Contributions	Bi-weekly Hours	Cumulative Hours
Mitch	Gained access to the new virtual machines. These new machines will have the right assigned privileges to	2	4

	give us access to the new SCM that Buildertrend migrated over to. Looking over tech discovery specifically of the Permissions tab on the new page we are migrating		
Dallas	Reviewed the current code base and looked over the tech discovery for our page.	3	6
Melissa	I spent time reviewing the tech discovery to see what the status of our current page is and what we will have left to do. Attended the client meeting on 9/11 and discussed with Daric and Cameron what the next steps for our group will be.	2	7
Joshua	I looked at the current documentation for the website page we are working on this semester. I also updated the team website.	2	5
Kailyn	Attended the client meeting on 9/11. Working to fix issues with logging into Buildertrend systems.	2	5
Darnesha	Fixed my pending issues with access to Buildertrends systems. Read over the tech review. Received access to the new BT virtual machines. Attended client meeting on 9/11.	3	6

Pending Issues:

- Getting access to Buildertrend systems again
 - We have received the invitation to join the new virtual machines that were made for us, but some of our team members are struggling to actually log into them. The credentials for the VMs are different than our normal account username and password. We have reached out to the IT support and are waiting to hear back. Old VMs do not have access to the new Source Code Management that Buildertrend is currently using
 - Some team members are waiting for access to specific Buildertrend accounts
- Find additional meeting time
 - Currently, our team can only meet once during the week. We have used this time to conduct bi-weekly meetings with our client, but if we have to meet more often, we will have some team member absences

Plans:

- Read over the Tech Discoveries that have been completed for the pages we will be working on. This will allow us to gain insight on the functionality of the page and what functionality will be required after the transition to React is complete
- Gain access to the new VM's as Buildertrend has transitioned to a new SCM tool since the end of last semester
- Separate our workload into the "building blocks" that Mai suggested to us. This will let us have a more manageable workload as we use an agile approach to separate the work out into feasible chunks
- Find ways to elaborate more on the technical side of our project to better sell what we are working on