

SE 492 - sddec20-07

## Creating the New Face of Buildertrend

### Week 1-2 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 presented in our first Peer/Instructor Review Meeting (PIRM), where we got some valuable feedback regarding the scope of our project. Additionally, we scheduled a meeting with our advisor to discuss how to broaden our scope. We met for our first stakeholder meeting of the semester on Friday, August 28th, where Buildertrend assigned us our page. We were initially supposed to complete three to four pages, one of which was completed last semester, however, Buildertrend has given us a large and thorough page to complete this semester—with five different subpages—which will take the entirety of the semester. The new page is dynamic and has many different components. We have begun adding tasks to our Trello board and assigning sub-pages to everyone.

### Individual Contributions:

<b>Name</b>	<b>Individual Contributions</b>	<b>Bi-weekly Hours</b>	<b>Cumulative Hours</b>
Mitch	I gave myself a refresher on the Buildtrend system and had our first PIRM presentation. I regained access to Microsoft Office 365, went through my email, and had a meeting with the Buildtrend team to talk about our goal/project for the semester.	2	2
Dallas	I worked on the technical challenges slide for the PIRM presentation, and verified that my Buildertrend	3	3

	accounts were correctly set up. I also looked over the current state of the page that we will be working on throughout the semester, as well as the functionality of the old page.		
Melissa	I spent time working on the PowerPoint slides for our PIRM presentation, as well as reaching out to our client to set up a meeting. I am having problems logging into my Buildertrend account again, so I have been working with Buildertrend to have this taken care of. I was also present at the BT meeting and I made sure to thoroughly address any questions I had about the page we were assigned for the semester.	5	5
Joshua	I updated our website with the first PIRM presentation we gave. I also got the Buildertrend virtual machine up and running again on my computer. I have been reviewing the documentation we made last semester and will refamiliarize myself with React.	3	3
Kailyn	I ensured I had access to the Buildertrend accounts and re-familiarize myself with Buildertrend's setup. I also reviewed React, worked on some of the slides for the PRIM, and attended the meeting with Buildertrend.	3	3
Darnesha	I reviewed React since I have not used it since last semester. I also reached out to our advisor to set up a meeting to discuss the project. I am in the process of getting my password reset for the Buildertrend VM.	3	3

**Pending Issues:**

- Determining how to expand the scope of our project to meet the requirements for senior design
  - How to “sell” our project
- Getting access to Buildertrend systems again
  - Waiting on new virtual machines in order for us to have access to the new infrastructure that Buildertrend has migrated over to. 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

- Our PIRM presentation did not go as well as we had hoped. Our team is discussing how we can better prepare for the next presentation later in the semester

## Plans:

- Meet with Daric and the Buildertrend team to discuss the status of our project
  - Will have bi-weekly meetings with Daric and the team to discuss our progress and to get help with anything we are struggling with as individuals or as a team
- Meet with Dr. Zheng to discuss the scope of our project
  - How we can expand our scope, what we plan to do this semester, and if he has any advice for us moving forward
- We will begin working on our assigned page as soon as we receive the VMs
- Additionally, the page we were given was partially started by Buildertrend interns over the summer. While we wait for our VMs, our team is going to look through the existing tech discovery to become well acquainted with the page we have been assigned