

SE 491 - sddec20-07

Creating the New Face of Buildertrend

Week 1 and 2 Report

January 2020 - December 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:

Currently, our team is in the process of setting up our project. Last week on 1/23, we met with our Buildertrend sponsors for 2 hours via Skype to discuss the expectations and requirements of the project. We also had a meeting with our advisor to discuss his role and expectations. The team has a good idea of what type of work we will be putting into this project in the upcoming weeks and we discussed our plans during a 2 hour group meeting on 1/30. We have designated responsibilities and have been reviewing React.

The required Buildertrend intellectual property forms were signed by the group and our advisor. On Monday, February 3rd, we are expecting to receive the rest of the required paperwork from our sponsor. Once all the paper-work is signed, we will have access to all of the necessary Buildertrend resources. To prepare for such, all of us have been diligent in learning/reviewing the tools and libraries we will be using throughout the project.

Individual Contributions:

Name	Individual Contributions	Bi-weekly Hours	Cumulative Hours
Mitch	Learned React components, utilized, styled component libraries, common code smells and simplicity, TypeScript, and	7	7
Dallas	Reviewed React, Formik, Storybook, Ant Design, and TypeScript. Wrote up tutorials for the group on Buildertrend patterns using above mentioned libraries.	7	7
Melissa	Built a Trivia game in react and reviewed React components, AntD, storybook, TypeScript, and Formik	6	6
Joshua	Learned react components from CodeAcademy course	3	3
Kailyn	Reviewed React components, TypeScript and Storybook. Built a sample homepage in React	5	5
Darnesha	Udemy course of React and learned Formik and TypeScript	7	7

Pending Issues:

- Document signatures
- Permissions for BuilderTrend Resources
- GitHub vs GitLab - problems with IP agreement conflicts

Plans:

Going forward, our team has decided to get familiar with React until the paperwork is all figured out. We should have access to our accounts sometime next week to be able to start working on our first few pages that Buildertrend gives us.