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## EE/CprE/SE 491 WEEKLY REPORT 1

August 26 - September 13

Group Number: 11

Project Title: Companion file browser application

Client: Buildertrend - Kirit Chandran

Advisor: Dr. Mai Zheng

Team Members/Role:

Christopher Bui - Software Engineer - Full Stack developer

Brian Chodur - Software Engineer - Lead Front-end developer

Luke Stoll - Computer Engineer - Report & Task Manager

Jason Zhao - Computer Engineer - Project Planner & Back-end developer

Bei Zhao - Computer Engineer - Front-end developer

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### Summary:

Over these two weeks, we have re-setup our file structure to match what Buildertrend uses as Brian was able to intern at Buildertrend this summer. The main reason for doing this is that when it comes to integrating what we have into their code base it will be easier for them to migrate it. Also, during this time we prepared for our in-class presentation which we gave on 9/5. Since adding Bei to our group we are dividing up the tasks and will begin working on these over the coming weeks.

### Accomplishments:

- Environment, Framework, Database, Redux Setup
- Task Assigned
- API Call
  - Folder Create
  - Company Create
- Homepage Dropbox

### Pending Issues:

- 1) Sending alerts to users that are concurrently editing
- 2) Sending and receiving files securely.

## Individual Contributions:

Team Member	Contribution	Report Hours	Total Hours
Christopher Bui	Worked on front-end components and getting ready for authenticated routes. Set up redux store.	15	15
Brian Chodur	Worked on getting the template setup and worked on the front page for the front end	15	15
Luke Stoll	Worked on documentation as well as getting the project setup and understanding how things are going to work.	15	15
Jason Zhao	Setup the backend project template. Complete database setup with project Finish API: Company Create, Folder Create	17	17
Bei Zhao	1. Prepare the team presentation with other teammates. 2. Learn how to set up the project. 3. Begin to implement some front-end simple code.	15	15

## Comments:

Main focus for the next upcoming 2 weeks will be to have full connection with our React app and our Restful API. We took a while setting up the project template. There were a few issues with the frontend typescript setup and backend reference issue with entity framework.

## Plan for the upcoming week:

- Christopher Bui
  - I will be working on state management for front-end and registration/login components.
- Brian Chodur
  - I will be working on the main page for the front-end
- Luke Stoll
  - I will be working on the login and logout features of the application.
- Bei Zhao
  - I will be working on the profile page for the front-end and finish up setting up the current project on my computer.
- Zhenyu Zhao
  - Working on more API (Folder rename, Move Folder), and redesign how deletion works with related delete API (delete folder file, undo delete folder, file)

## Gitlab Activity Summary

- New file layout completed
- Files prepared for database access
- API - Create new folder, company