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## EE/CprE/SE 491 WEEKLY REPORT 6

November 9 - November 22

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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### Weekly Summary:

This week we fixed a lot of bugs we had and caught everyone up to the same project build (everyone merged their changes). We cleaned up the UI and connected more api endpoints. SignalR is setup on the react app to display files being editing and trigger update on file uploads without another api request. Permission and user roles was finished as well.

### Accomplishments:

- Web App live update on file edits and uploads
- Finished moving file states to store
- User roles & permissions

### Pending Issues:

- The full functionality of web application front-end.
- Connection between desktop and web applications.

## Individual Contributions:

Team Member	Contribution	Report Hours	Total Hours
Christopher Bui	SignalR update in react app for file edits and file uploads. Redid component state to redux store.	20	95
Brian Chodur	Redoing the frontend GUI. Adding more handlers to the frontend. Worked on the some bug fixes in the frontend.	15	90
Luke Stoll	Permissions added for varying levels of user roles depending on the access level.	15	90
Jason Zhao	Fix few things in the backend: 1. Delete api display removed location not the original location 2. Added creator to list file/folder 3. Fix list deleted folder not working correctly Looked into desktop application code base that Buildertrend have gave us	10	104
Bei Zhao	Add delete function into file detail page with Brian's handlers. Fix a couple of issues of front end led by SignalR with Chris.	15	90

## Comments

### Plan for the upcoming week:

- Christopher Bui
  - Fix moving files to redux store and finish up signalR notifications for multiple users editing the same file.
- Brian Chodur
  - Finish the frontend code and then start on the desktop application were I can help.
- Luke Stoll
  - Work on implementing UI changes on the desktop application.
- Bei Zhao
  - Finished the file detail page and comment sections of frontend with the api handlers.
  - Help with desktop application if get more time.
  - Begin to create a final presentation skeleton and poster.
- Zhenyu Zhao
  - Look into the desktop application and Windows sync folder