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## EE/CprE/SE 491 WEEKLY REPORT 5

October 26 - November 08

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 had a big update from Jason with the database changes and many api endpoint updates. This made setup and api calls a lot more clean and simple. We worked on wiring up api calls on the front-end for delete, list delete, other file endpoints. Worked on comment module, signalR, and user roles.

### Accomplishments:

- More front-end api connections (Delete, List, etc)
- Comment Module
- Initial SignalR notifications

### Pending Issues:

- Setting up signalR with react and how to properly pass this context around props

## Individual Contributions:

Team Member	Contribution	Report Hours	Total Hours
Christopher Bui	Updated delete file/list deleted. Initial signalR call for file edit with client side hookup.	15	75
Brian Chodur	Redid the frontend handler to match the backend. Redesign the frontend UI and fix issues with some components	15	80
Luke Stoll	Worked on user roles to make it easier to get the role for a user.	15	70
Jason Zhao	Modify the folder/file structure in database for quick lookup Finished testing the backend code Helped others for database changes	20	94
Bei Zhao	Finished making file detail page and comment section communicate with the database.	15	70

## Comments:

### Plan for the upcoming week:

- Christopher Bui
  - Finish up test calls from a console app to have web display file in edit through signalR.
- Brian Chodur
  - Fix bugs if found in the frontend and study the existing code for the desktop application and make changes to frontend if needed or requested
- Luke Stoll
  - Work on any needed modules and start updating old documentation and poster design
- Bei Zhao
  - Merge file detail page and comment section code into master and make sure it could work with other parts of the frontend code.
  - Begin to learn about desktop application work.
- Zhenyu Zhao
  - Merge in the permission changes to all the backend api calls.

### Gitlab Activity Summary

- New file layout completed

- Files prepared for database access