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## EE/CprE/SE 491 WEEKLY REPORT 2

September 16 - September 27

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
- Zhen(Jason) Zhao - Computer Engineer - Project Planner & Back-end developer
- Bei Zhao - Computer Engineer - Front-end developer

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### Summary:

These two weeks were mainly spent finishing the front-end components in react for the main file list display page, login, register, and file details. We focused on mainly the models for back-end and front-end that we can bind data back without worrying about passing/receiving wrong information. Sql connection to our backend is implemented with file operations to our file system. We are in the middle of developing History/recover module; find out that we need to redesign the history version as there is a few issues with the current design.

### Accomplishments:

- Database history module related table redesigned with reflects of current code done.
- Register Component Finished.
- Connected front-end and backend together for user registration.
- Upload, Download File,,List History Version API Completed.

### Pending Issues:

- 1) Sending alerts to users that are concurrently editing
- 2) Sending and receiving files securely.
- 3) History Module not finished
- 4) Delete Module needs to be redesigned and implemented.

## Individual Contributions:

Team Member	Contribution	Report Hours	Total Hours
Christopher Bui	Finished register component, connected front-end and backend together for user registration.	15	30
Brian Chodur	Worked on getting the template setup and worked on the front page for the front end	15	30
Luke Stoll	Worked on setting up JWT's, not fully finished yet	10	25
Jason Zhao	Redesign Database history module related tables Upload, Download File API complete Version List All API complete	13	30
Bei Zhao	Finished set up the project on my computer. Worked on implementing the file detailed page.	10	25

## 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 jwt and authenticated routes. Will work on api calls for file display.
- Brian Chodur
  - I will be working on the main page for the front-end
- Luke Stoll
  - Finishing up the login and logout authentication, create presentation material and do some testing.
- Bei Zhao
  - I will continue working on implementing the file detailed page and learning how to implement API.
- Zhenyu Zhao
  - Complete Full History Module, also the design and implementation of delete module.

## Gitlab Activity Summary

- version module half implementation.
- Added entities and handler setup for frontend
- Fix routing issues, added registration route
- Upload, Download, Version List all api