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## EE/CprE/SE 491 WEEKLY REPORT 4

October 12 - October 25

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:

Made changes in most of the backend api input from file path to file id or folder id. Added support using database to lookup subfolders. Changed other minor things such as datetime to UTC time tick to avoid problem dealing with time zone.

### Accomplishments:

1. Changed over api input from file path to file id or folder id.
2. Database support lookup subfolders.
3. Time stored change from datetime to utc time tick.
4. Admin page wired up with react app and web api
  - a. Admins create register token, delete users,
  - b. Api endpoints to change user access rights

### Pending Issues:

1. There were bugs in the backend due to new changes. Needed more testing/new api endpoint to support the normal product flow.

## Individual Contributions:

Team Member	Contribution	Report Hours	Total Hours
Christopher Bui	Finished admin endpoints, connected react app with web api for admin page. Working on setting up signalR for real time updates.	15	60
Brian Chodur	Worked on more front end handlers for the front end and also did some code cleanup on the front end. Made changes to the components as part of clean up	15	55
Luke Stoll	Worked on and finished up permissions so that users can only access what they were assigned to.	15	55
Jason Zhao	Rewrote the backend that has path as input, changes the input to be fileID or folderID. Added parent folder column in folder to support database subfolder lookup Change time store from datetime to utc time tick	14	74
Bei Zhao	Finish implement file detail page and the majority part of the comment section.	15	55

## Comments:

### Plan for the upcoming week:

- Christopher Bui
  - Finish up signalR on react app with real time notifications
  - SignalR listeners for uploads/downloads
- Brian Chodur
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- Luke Stoll
  - Work on documentation and fix some minor features that haven't been fully implemented yet.
- Bei Zhao
  - Finish the comment section implementation.
  - Finish the frontend account information implementation.
- Jason Zhao
  - Do more testing, make sure backend api are working correctly.
  - Rewrite the sub folder lookup in backend code
  - Add current folder ID in list file/folder api.