
EE/CprE/SE 491 WEEKLY REPORT 7

November 23 - December 6

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

Weekly Summary:

This week we fixed a lot of bugs. We moved some information into redux and session storage to handle page refreshes on the same session. More styling for the web application. The desktop application had a lot of work put into to get sign in, sync folder, and other functionality to match the web application.

Accomplishments:

- Desktop Infra Functionality
 - Download/Upload core function (Not the interaction level)
 - Keep Login Status and Sync folder location persistent
 - Initialized Sync folder (create folder, pull file/folders, change folder icon)
- Finished up web application
- Desktop signalR and push notifications

Pending Issues:

- Full functionality of the desktop application

Individual Contributions:

Team Member	Contribution	Report Hours	Total Hours
Christopher Bui	Added login UI for desktop. Added signalR connection to desktop and created push notifications on file edits/ check-ins	15	110
Brian Chodur	Made bug fixes and changes to the frontend. Worked code refactoring for the frontend.	15	105
Luke Stoll	Created final poster and worked on documentation.	10	100
Jason Zhao	Working on the desktop application <ul style="list-style-type: none">• Infrastructure on the desktop application (Calling backend API)• Local Storage for login status (api token) and sync folder location• Change Sync Folder Icon• Initialized Sync folder (Pull folder/file shell from backend)• Download/Upload Core functions• Research right click menu from windows system. Fix minor bug/improvement for backend api	30	134
Bei Zhao	Reformat file detail page and comment section Fix a couple of front end issues Finish file detail page and comment fully functionality	20	110

Comments

Plan for the upcoming week:

- Christopher Bui
 - Work on final report
- Brian Chodur
 - Work on final report
- Luke Stoll
 - Work on final report
- Bei Zhao
 - Work on final report and presentation
- Zhenyu Zhao
 - Complete the API documentation which will also be in the final report
 - Progress more on desktop application