Sddec19-11: Companion file browser application for the Buildertrend web-application for Windows
Week 6 Report
April 6 - April 12

Client: Buildertrend - Kirit Chandran
Advisor: Mai Zheng

Team Members
Christopher Bui - Software Engineer - Meeting Scribe
Brian Chodur - Software Engineer - Lead Front-end developer
Luke Stoll - Computer Engineer - Report & Task Manager
Jason Zhao - Computer Engineer - Project Planner & Back-end developer

Summary of Progress
   This week we talked a lot more in detail on the technology we are using. We went through different frameworks and libraries that will be best for the project. We all went through tutorials and began studying on these frameworks and libraries. API controllers were finished up and basic view components are sketched and created.

Pending Issues
   1) MVC issue on serving react components through controller
   2) Sending and receiving files securely.

Plans for Upcoming Reporting Period
   Chris Bui - Research on uploading files and downloading files securely to file system.
   Brian Chodur - Work on more sketches and modify existing ones and create a flow diagram of the different interface to see how the flow of the web interface will go together.
   Luke Stoll - Continue learning about reactjs.net and using tokens to keep track of the login state of the user.
   Jason Zhao - Finish up designing backend controller. Research more/and learn on reactjs.net

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Christopher Bui	Research saving and retrieving files from file system and research more on reactjs.net.	6	46
Brian Chodur	Worked on the design and UI. Followed some tutorials on react. And made some components for react.	7	45
Luke Stoll	Worked on tutorials for reactjs, worked on the backend controller and am looking into tokens and how to implement them in our project.	8	46
Jason Zhao	Finish List of API calls, input and output of each calls. Updated database design. Attend weekly team meeting. Research more on asp.net and libraries works with react.js with asp.net. Also research on difference between SQL server and MySQL	8	53

Gitlab Activity Summary

Basic MVC project setup with api controller and database context access.