

Senior Design Weekly Status Report

Sddec19-11: Companion file browser application for the Buildertrend web-application for Windows

Week 9 Report

April 20 - April 26

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 are getting ready for the presentation. This includes revise our design document, prepare a demo (proof of concepts), and a power point during the presentation. The demo will consist of basic operation of viewing files, upload files, and download files.

Pending Issues

- 1) MVC issue on serving react components through controller
 - 2) Sending and receiving files securely.
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Plans for Upcoming Reporting Period

Chris Bui - Finish up design document, prepare for demo.

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 - Work on the Design Document and presentation and then enjoying the summer!

Jason Zhao - Prepare the powerpoint for demo. Helping develop the demo for the presentation

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Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Christopher Bui	Revised project plan. Worked on a demo we can present of our project.	6	58
Brian Chodur	Setup the file upload. Work on components. Set up the react components.	6	57
Luke Stoll	Finished up the Project Plan and worked on the presentation.	6	58
Jason Zhao	Setup Database, and connect to the project with entity framework. Finish revise project plan. Created class diagram in design doc. Writing session in design doc talking solution for concurrency issue. Revise the design doc.	10	68

Gitlab Activity Summary

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

File API controller - upload and download

React components for file list and information, upload and download

Database init script
