

## Senior Design Weekly Status Report

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

Week 8 Report

April 12 - April 19

**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

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#### **Summary of Progress**

This week we worked on polishing up our project plan. This included some sections needing a complete rewrite and some new sections. We went over our design choices again such as use case diagram and block diagram to make sure it is up to date with our current vision of design. Each member dedicated hours for research for their individual topics such as react, web tokens, .NET.

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#### **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 project plan.

**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** - Finish the project plan and start working on materials for the presentation.

**Jason Zhao** - Finish Final reversion of project plan

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### Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Christopher Bui	Continue research on retrieving and saving files to filesystem and revised project plan.	6	52
Brian Chodur	Did further research on routing though the server side compared to the client side. Set up the react components.	6	51
Luke Stoll	Worked on more tutorials for reactjs, started revising the project plan.	6	52
Jason Zhao	Revised Project Plan. Researched about ReactJS.Net framework with server side render.	5	58

### Gitlab Activity Summary

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

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