Sddec19-11: Companion file browser application for the Buildertrend web-application for Windows
Week 6 Report
March 15 - April 5

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 met again with our client on Friday to discuss more requirements and received more user stories. This helped us obtain a more clear idea of what exactly needs to be done. We remodeled our backend design to match these requirements such as the way we are storing files on our server and storing information in our database. We also have a basic project setup that queries a database and can return file paths file details. Basic endpoints are setup.

Pending Issues
  1) Development tools and deciding which ones will be the best to use
  2) Rendering react components on client or server side and what libraries will be needed

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Plans for Upcoming Reporting Period
  Chris Bui - Research more on development tools and change project dependencies (.net 4.6 or .net core) and finish database setup and connection
  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 working on tutorials to better understand react and the technology we will be using.
  Jason Zhao - Change our design after meeting with client, finish up designing backend

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Christopher Bui	Setup project structure with dependencies and basic api controller and database access.	10	40
Brian Chodur	Worked on the design document and followed some tutorials on react and C#.	9	38
Luke Stoll	Worked on tutorials for react and worked on the design document.	9	38
Jason Zhao	Research on what technology that can be use in the software, more over ASP.NET and react with babel. Also worked finishing the design document, rewrote most of the section 1.	10	45

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