Personal Portfolio

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# Artefact 1: Microsoft Visual Studio / Xamarin Package

# Description: Early on in the unit we decided to look more into using Visual Studio as a platform to compile our application, using Xamarin plugins we would be able to have cross platform integration with a versatile programming language that we were all familiar with, C#. Reflection: In hindsight this was a major blunder in our collective research, Xamarin and Visual studio were unable to create web based applications that could easily be hosted. By this point we were already weeks into the project and had to scrap our templates and start over.

# Artefact 2: W3Schools Template/My File Upload

# Description: After our slow start Myles created a base for our website after doing some of the tutorials on W3Schools. At this point we were looking at an array of features to implement; upload, download, preview, login and Google login.

# Reflection: Since we now had a starting point work was moving fairly quickly, Myles was working on the upload aspect, Tyler was working on Preview/Download and i was working on Sign in/Google Sign In. None of us had much knowledge in HTML, CSS, Javascript or PHP but we had to utilize these programming languages to get the result we were looking for. A few weeks later after discussion with other groups, we decided to scrap our template and move over to Bootstrap.

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# Artefact 3: Bootstrap and Final Product

# Final login page by Daniel Burton

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# MyFiles page by Tyler Martin.

# Google Link help by Daniel Burton.

# Description: Bootstrap provided a simple HTML structure that provided support across multiple browsers and frameworks.

# Reflection:

# With some of the work already completed from the W3Schools template we refocused our efforts on making sure we had the individual functions working as intended. Google login was a challenge for someone with probably the lowest programming skills for a CS student but ultimately I was successful in calling and utilizing the data gathered it. We did not combine our individual efforts until late in the semester; we then had to work our minor programming problems (e.g. calling functions/variables between pages, have the uploaded file and user combine). Ultimately if we had a more focused approach earlier in the semester our final product could have been to a higher standard, but the final product has all the required functionality of a file hosting website and is very easy to navigate.