COMP1021

Coursework 1

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Jacob Holland

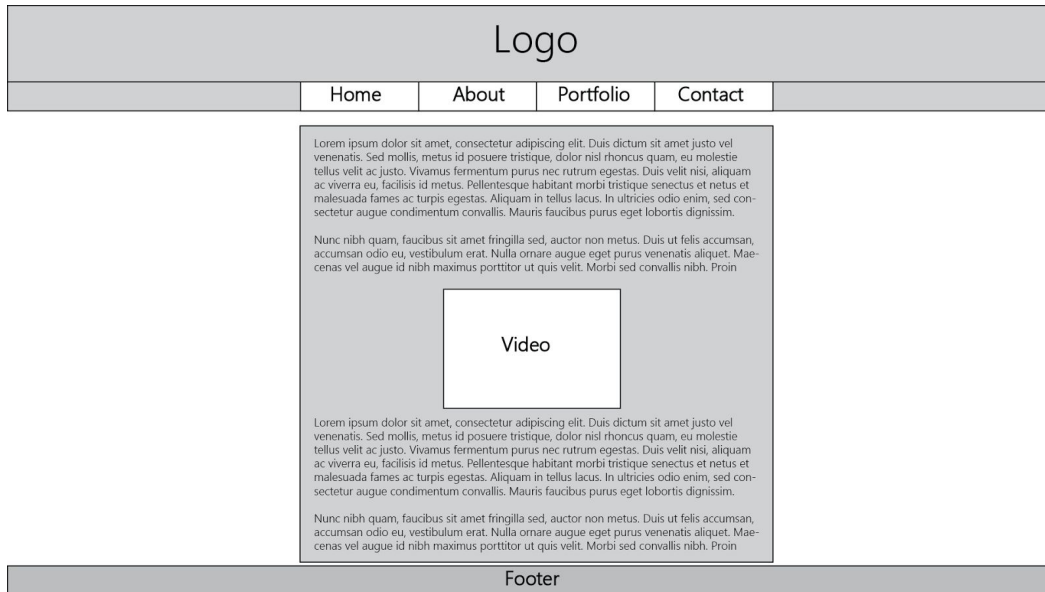Due 18/03/2016
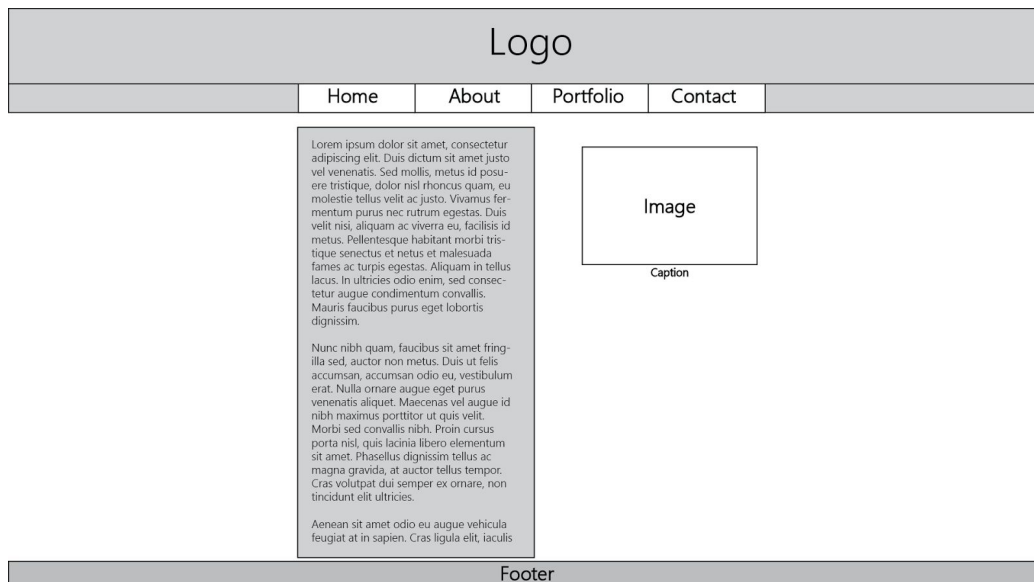
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Wireframe Models

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About

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Image

Caption

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Portfolio - *Includes both the website/graphics portfolio and Programming due to immense similarities

Logo

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Contact Page

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Message
Box

Image

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Info

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Color Schemes & Fonts

#202A2C	#FAFAFA	#16BFFF	#2bdc33	#ff5747	#9764FF	#e1e1e1	#cacaca

This colour scheme provides a simple and clean aesthetic, with the greys providing the main content for easy readability, with the colours being sparingly used for animations and the title bar.

Font Choice: Roboto
Reason: Roboto is an incredibly clean font which scales incredibly well on displays and mobile devices. It's also available in a wide variations of weights and styles.

Font-Awesome: Provides easy implementation of Icons into my buttons for animation

Layout Justification

In this website, I have tried to take design cues commonly used in Google's "Material Design" (rather than comparing with other websites) , which generally uses high contrast colours and animations to highlight key features of the functionality which helps the user navigate the product in question, whilst simultaneously putting the content center stage for easy consumption for the user

I have put the content in the middle with white space on the left and right side, as this allowed me to provide a cleaner and simpler layout. This also helps the website scale well for smaller resolutions whilst not compromising the overall presentation of the content.

Shadows have been used to provide a sense of depth in some areas (specifically the nav bar/contact details "card") and almost highlight more useful parts to the user. Block elements have generally been used as the primary shape as it's easier to sort the content.

In the majority of the pages, the layout has been split into 2 sections, a main section, and an "aside" section. The main section provides any descriptive content whereas the aside section generally houses the more "visual" elements such as pictures. The placement of these sections allows for the user to easily look at the content without feeling too overwhelmed. It also scales very well as it can be viewed like a list on devices with smaller resolutions - such as phones.

The home section is very plain, its content is again centered and everything is sequentially structured and spaced to prevent the user feeling overwhelmed.

Testing Plan

| What I'm testing	How I will test	Expected Result	Actual Result
If the navigation bar and hyp functions correctly	I will personally click on all outlined links and ask a select sample to do the same	All hyperlinks should navigate to the correct page or external URL	As expected, all links navigate to their respected pages
If the website reasonably scales on different screen sizes	I will use the developer tools in Firefox to view the web page in different resolutions typically used on other devices	The website should scale to fit the content to match the width of the screen without breaking any other features.	The website scales to a reasonable extent, but is limited to a maximum width of 320px before it stops scaling. Screenshots have been included
To see if the website displays correctly on different browsers on different operating systems	I will load the website on firefox, Microsoft edge and Chrome on Windows 10, and Chrome/Firefox on linux Ubuntu. *I don't have a Mac to test compatibility there	The website displays and behaves as expected on each page	The websites display as expected on each page. However, some elements seem to appear larger in firefox, but it does not affect the functionality or overall aesthetic of the website at all. *Screenshots included.
To test the accessibility elements of the website	Navigate through each element of my website and check for appropriate semantic tags	Each page should contain <header><nav><section> <footer> and possibly an <aside> tag.	Test was as expected, the tags are in the correct place and enclose the appropriate information.

Responsiveness Test Results
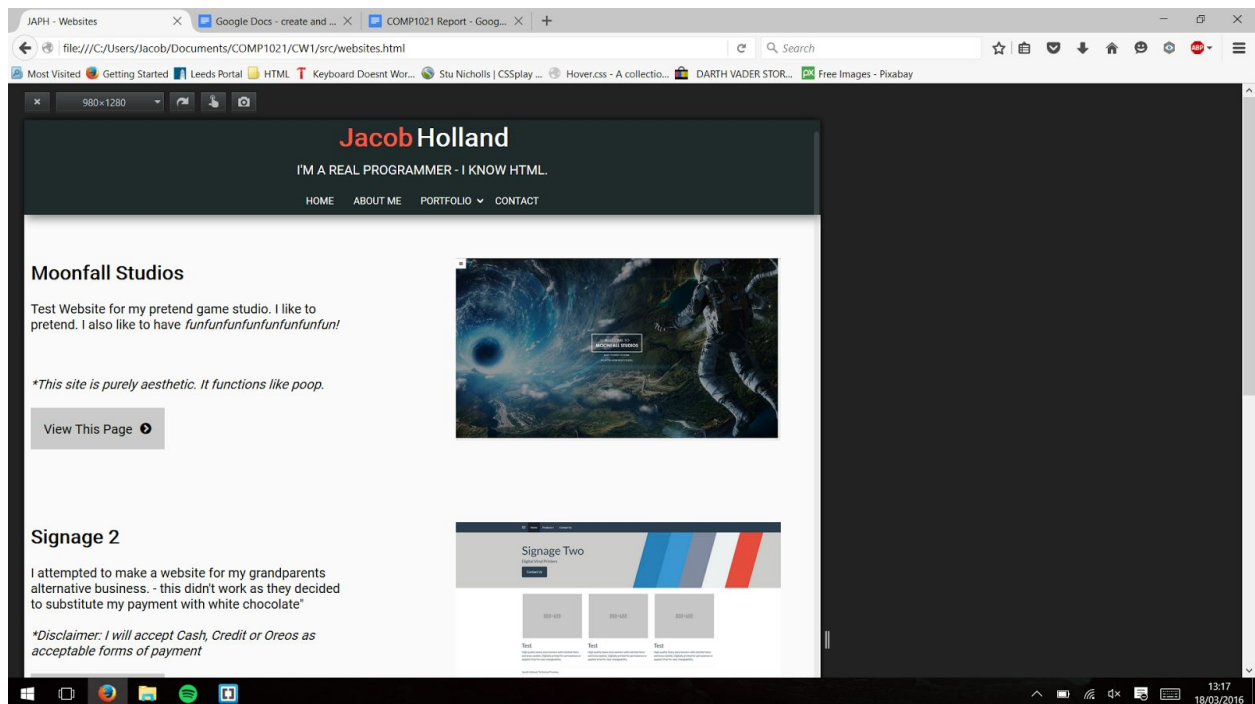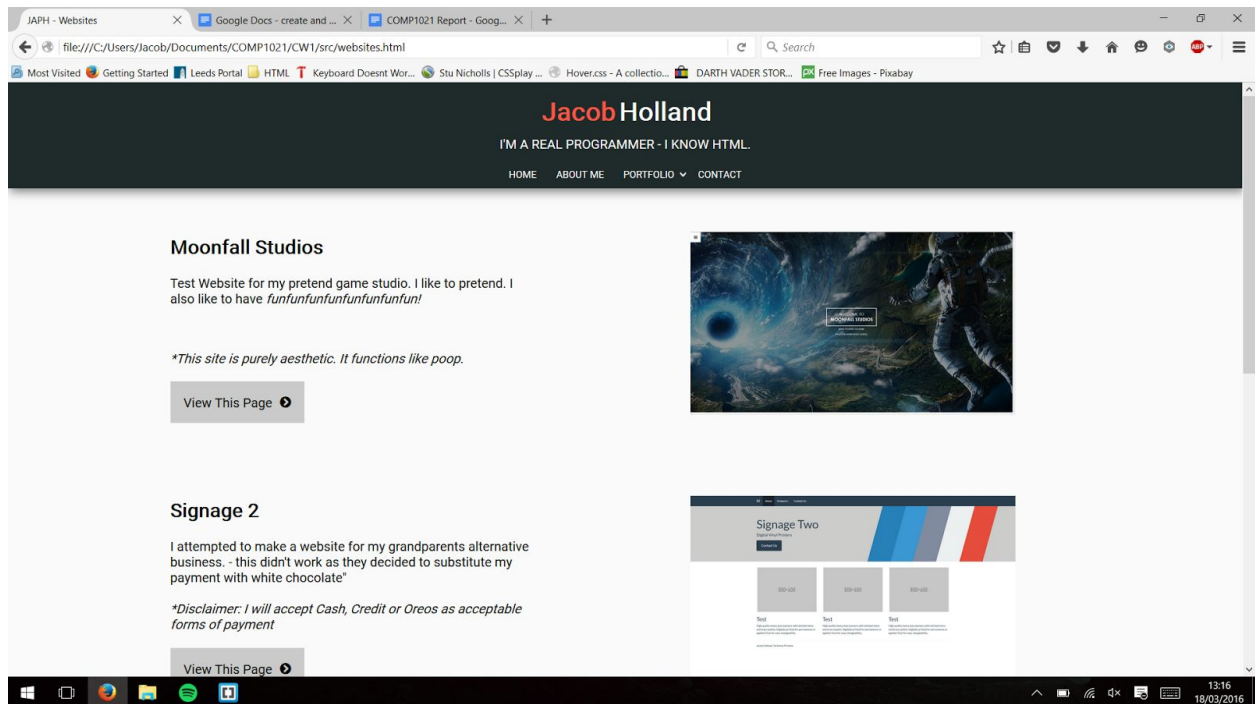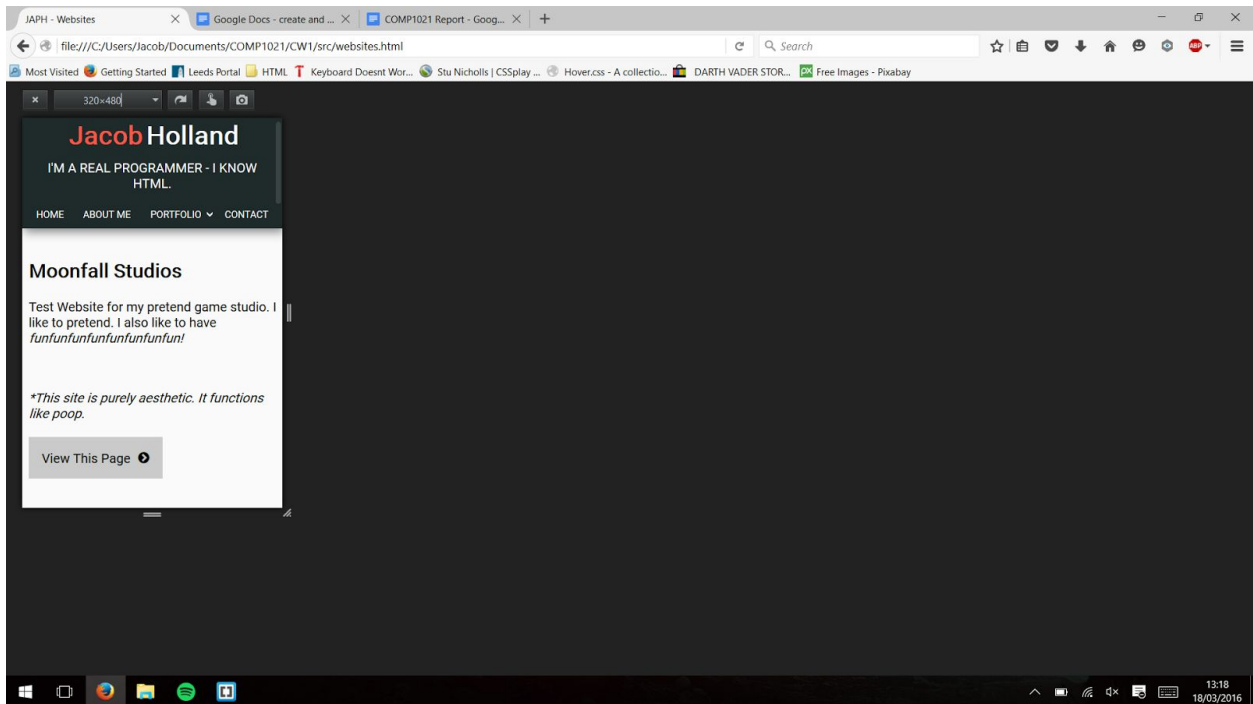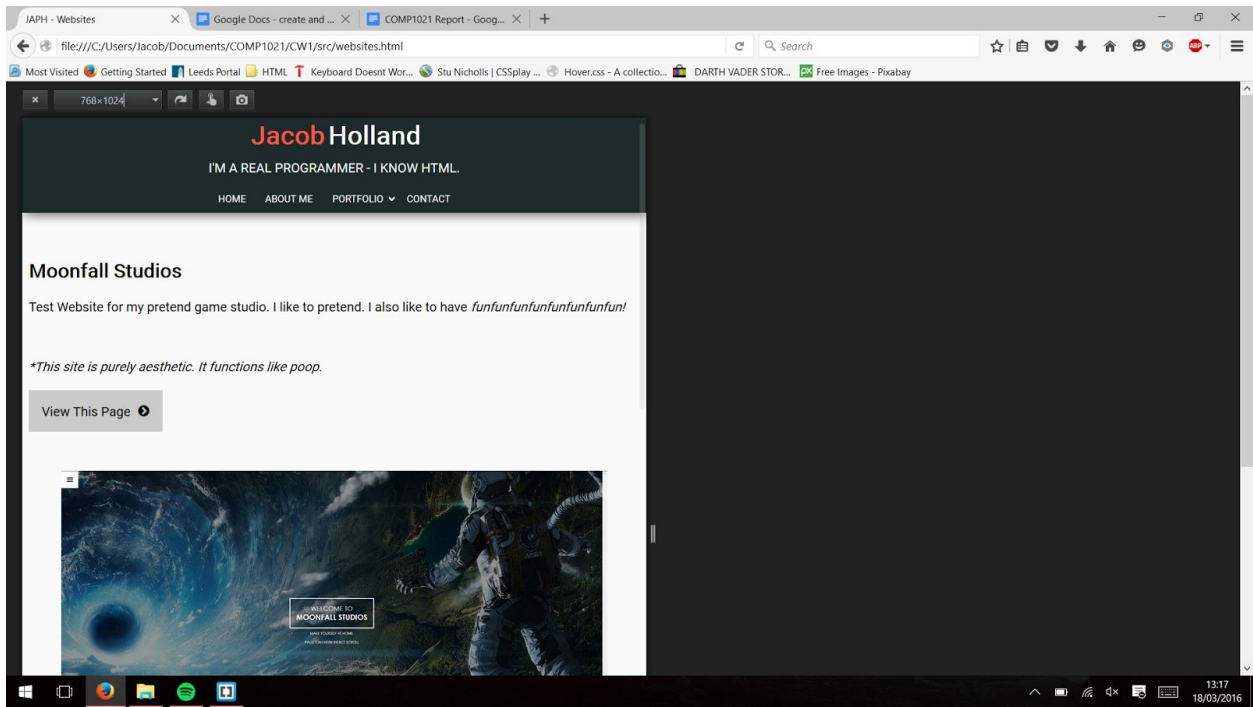
Compatibility Test Results- FF, Chrome & Edge
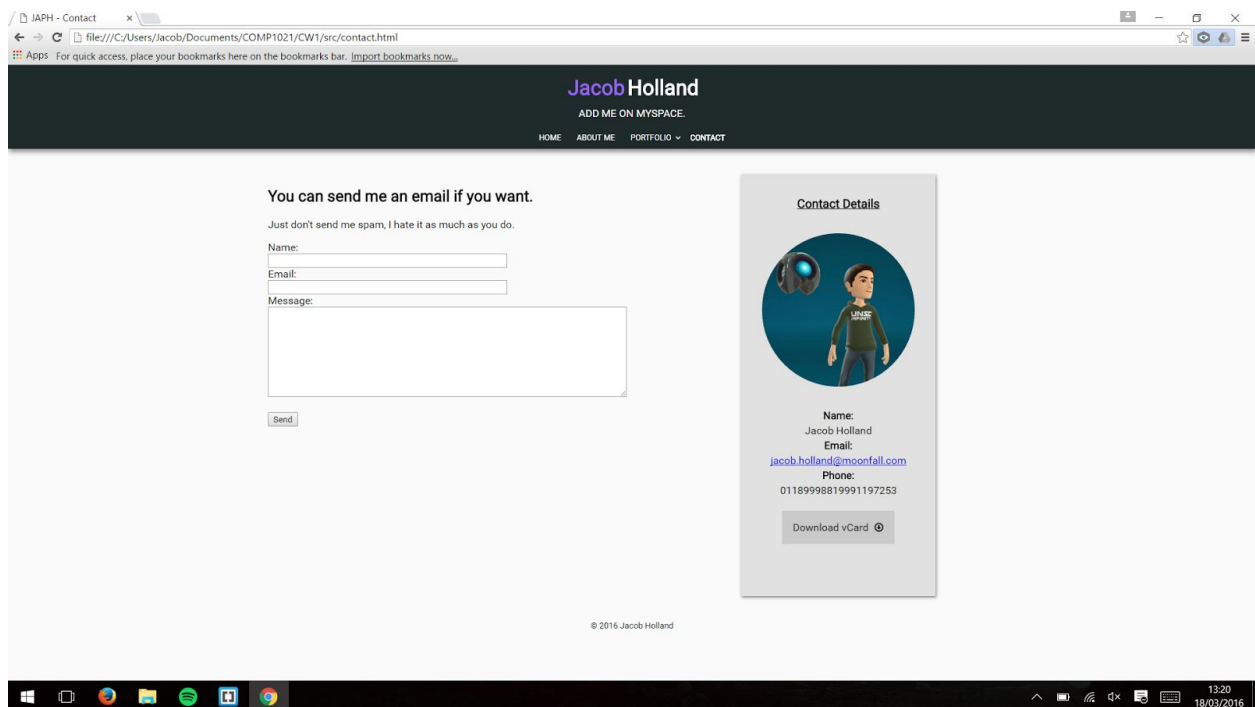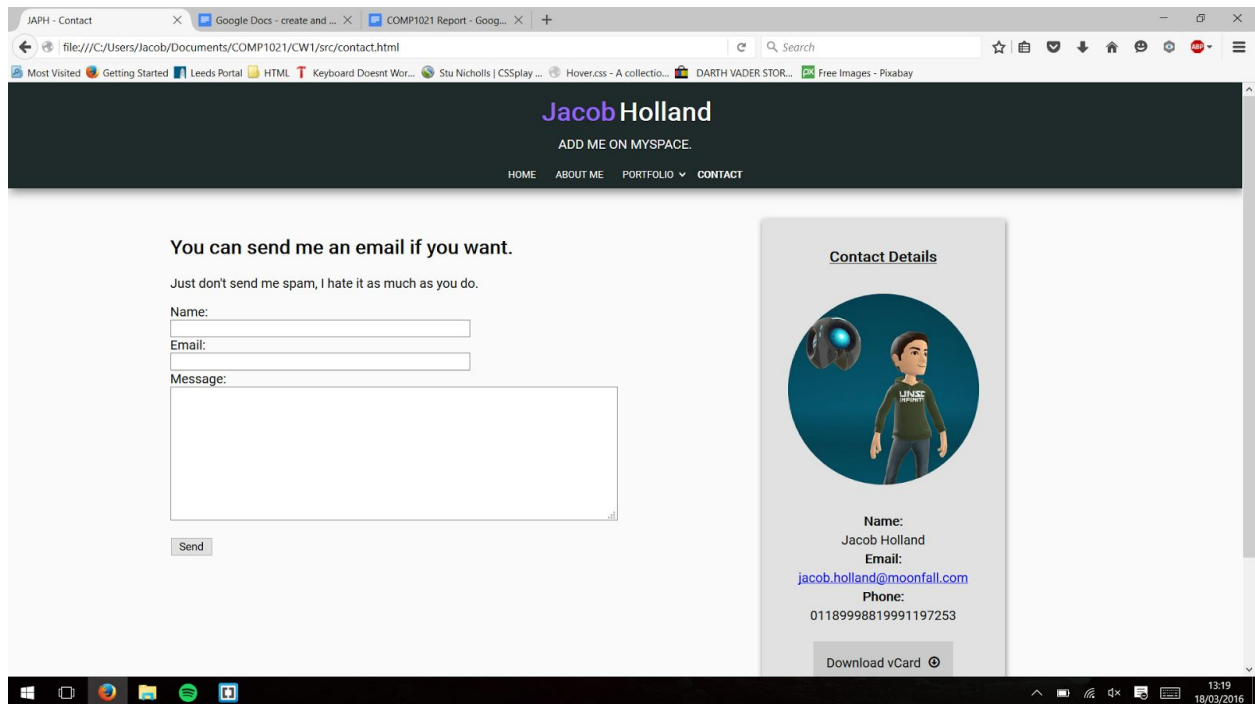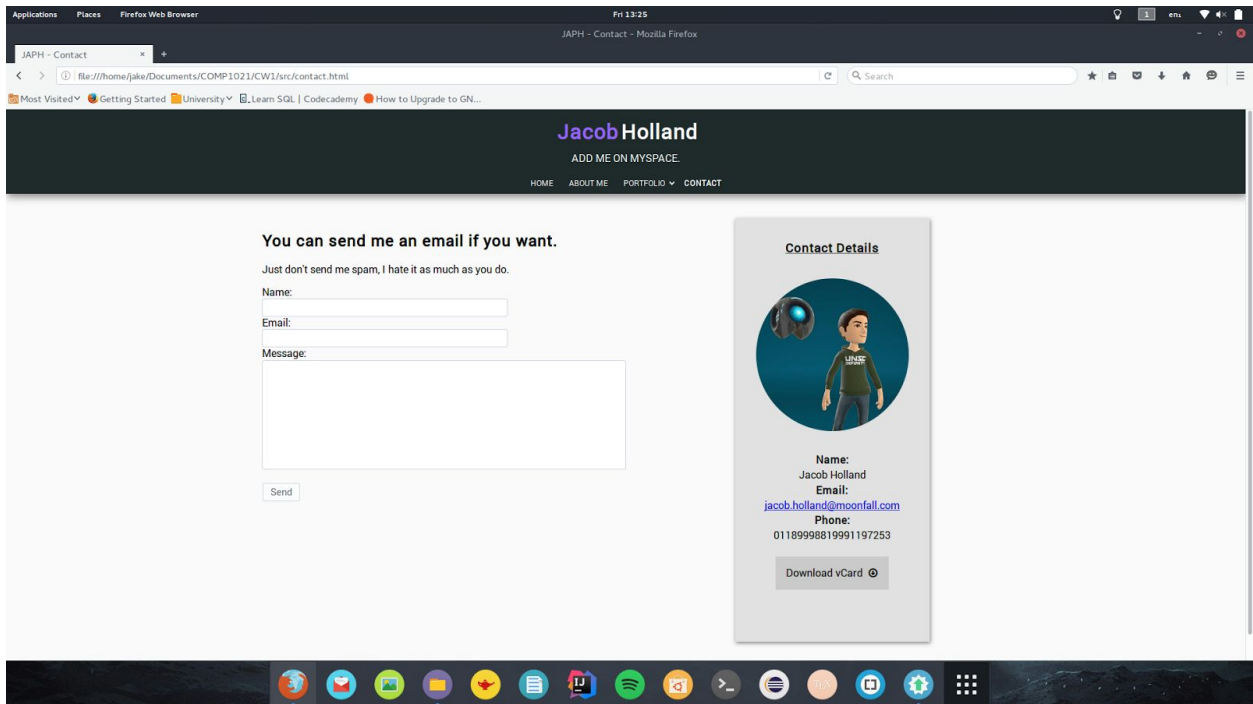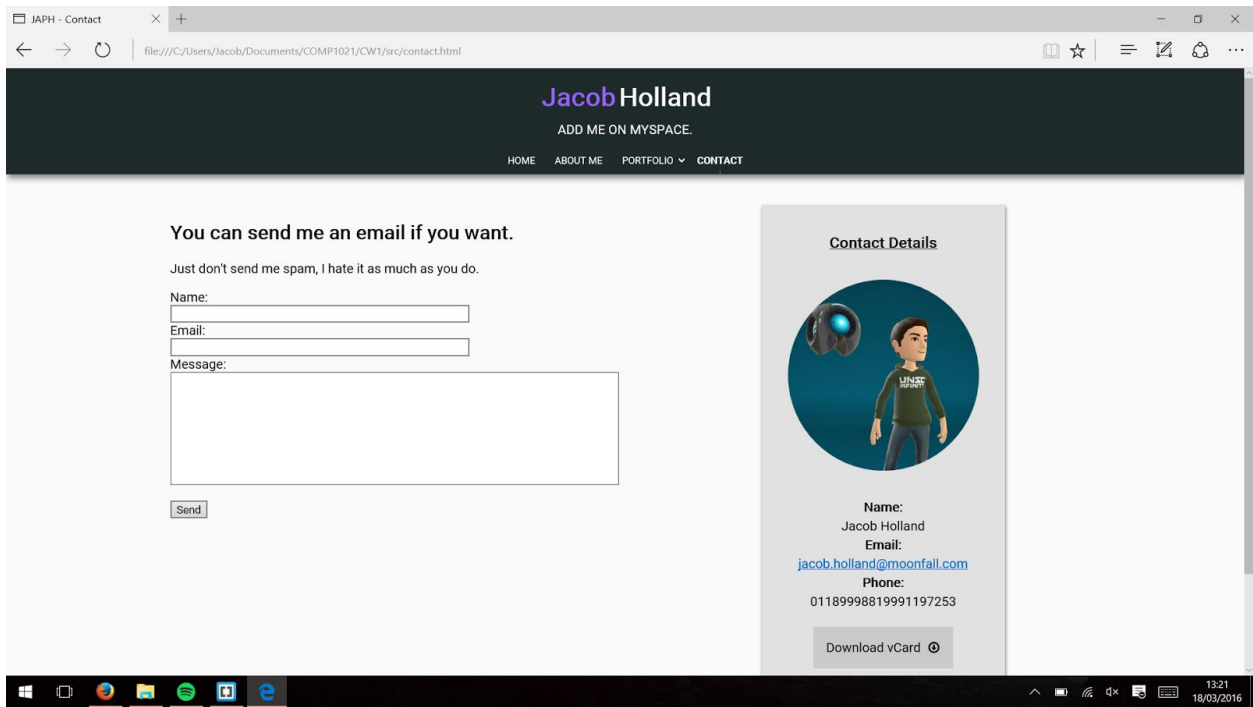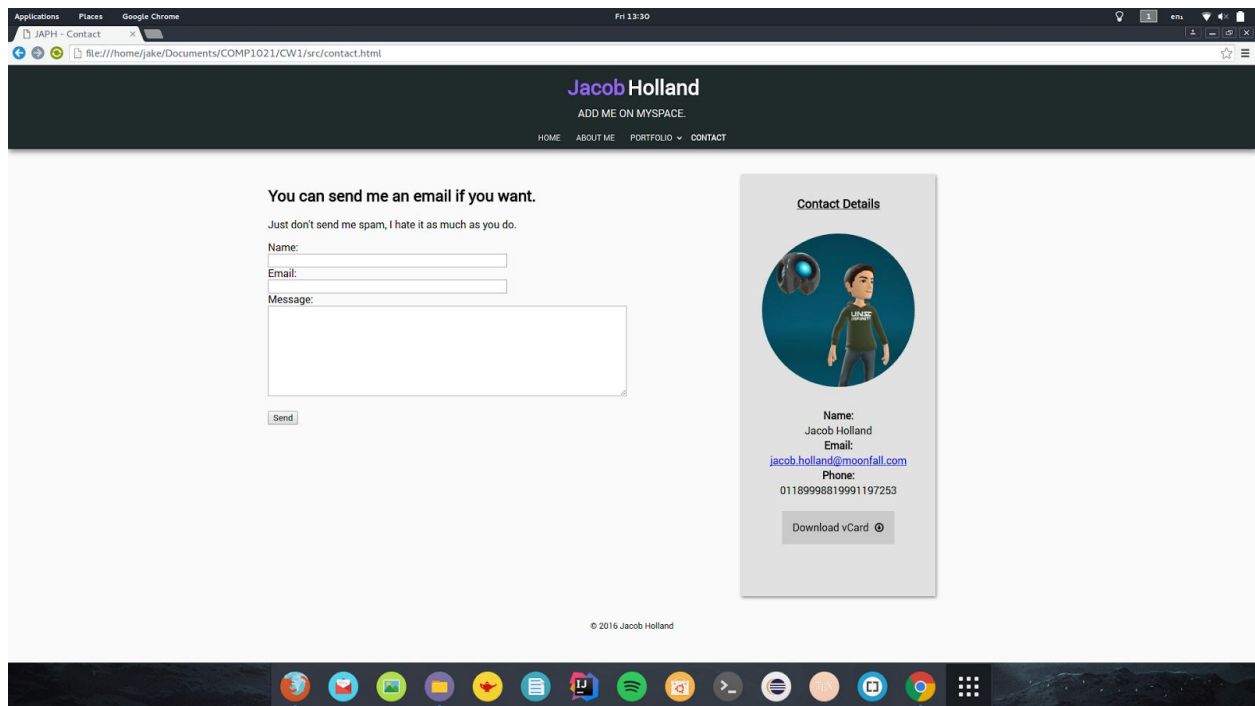
Evaluation

Overall, I am pretty content with the overall functionality and appearance of my website, My overall criticisms of the website would probably be with the scaling factors. The website is somewhat responsive, but it is not what I would deem truly responsive. Lower resolutions for devices like mobile can be used, but the navigation features do not scale to a satisfying level to make it easier for the user to interact with. Another issue I would have with this website would be with the functionality of the contact form in my "contact" page. It does not provide any functionality at all. The inclusion of some basic jquery functions and some php scripts will fix this problem, as well as help improve the overall responsiveness of the website.