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| Faculty of Science and Technology  BSc (Hons) Games Design  Date of submission: 18/12/2020  Assignment title: Web Report  Student name Christian Howarth  Student ID: s5326038 |

**Overview**

I have created my first draft of my website portfolio. Called Christian Howarth’s Portfolio.

I first went back to look at the first digital technology labs. Where we first used html. This was on (Brightspace/Digital Technologies 20/21/content).

I first created a menu bar, where I have 5 pages set up.

* Homepage
* contacts
* CV
* projects
* hobbies

My overall aim is to show what I am about and give people/clients a flavour of what I am capable of and what my personality is. I found this a challenge to create a website very difficult. I encountered multiple issues where you fix one issue, and it creates another. I had to reflect on what we have learned from Brightspace and followed the tutorials and learning with my website in mind during the tasks.

**DIVS, HTML, AND CSS**

I first was exploring how to create divs and how to stylise them and put them in CSS. The biggest challenge I felt with divs is the positioning how you would like them to be. I found that I had to constantly change the width and height of the divs to get a solid header, footer and side bar that I would like. I am happy with the Divs positioning in the end. However, I have encountered an issue with the left-hand side which is constantly scrolling with the body. The way I wanted the page to be was that the body would scroll up and the divs will be fixed. I was able to make the header and footer position fixed however the left div would not respond how I would like.

I wanted to make my html on each page very simple to read, not only to help myself, but to help anyone who wanted to see my code. I found early on. I would get confused or spend extra seconds trying to look for a specific line of code. To help I used the <! -- --. To set comments where I can identify each section of my page.

Early in the building, I was styling within the html, however I found this became cluttered and I made the decision to move all my style into CSS.

I found out that by using Div= id, I can put all my styles into CSS, and change from there. This made everything simpler. An issue I had with my CSS, is that I made the decision to create my own backgrounds with photoshop and use them as images, this was working however along the process I could not get the images to appear. This may be due the server I had connected.

I have used the example models as we learnt on week 3 (created by Peter Allen ,folder on Brightspace) as a placement guide on my website that I will use my own models when available.

**JavaScript**

I have included 1 line of JavaScript. This is the same that was used in the task on Brightspace. I created a button that can pause and play a song, yes, it is very 90s. however I believe that it may be a good feature when allowing users to interactive with models, they can have an option to play a track or sound that can accompany the model. I have used (Adobe stock sounds as audio file)

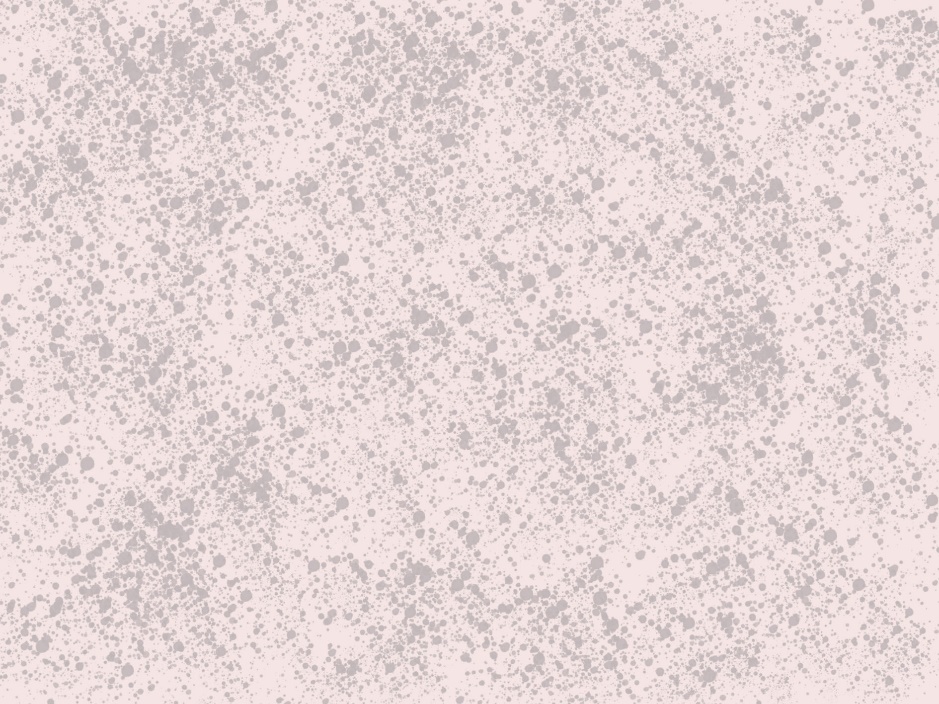
**Design**

Design is a something I have left to last, I really wanted to make sure I had a functional website first and foremost.

The design that I would like and continue to improve is to have a minimal and modern look, with stylised images of my creations.

I have used Adobe Photoshop to paint 2 sets of images. The first image is a darker colour that I have used for the header and sidebar of my website.

This image is my Body image.



Background pattern

Description automatically generated

This image is my image for my header and left-hand sidebar.

The second image I have created is a lighter colour that I have used for the body.

My images do not currently seem to activate, so I have used hexadecimal colours on the website.

I have experimented with adding borders to some of the text and images. I quite like the border radius that turns images circular. This I applied to my profile picture, with a purple outline.

The images that I have used on my hobbies, are google images with creative commons licensing so I able to use them on my website.

**Git**

I was using Git from the start creating a repository and have requested help with Git to fully understand it, I have recently been having issues where Git will not recognize my passwords, and opens a secondary box called open SSH, where I input my username and password twice however will not add, commit or push my changes. This I believe is related to problems with my CSS not loading fully.

**Problems and Issues**

The biggest issue is that of Git. This has just recently happened, and have tried to fix, but no result. The issue of my CSS not showing.

I am aware of how to try and fix, however it seems an external issue with Git is not allowing me to do this.

I also was having great difficulty trying to get my model in the model viewer, shown in the examples.

Doing research into this I have installed plugins and tried to export my model in different ways to no effect, just get an error.

**Looking into the future**

Looking ahead, I am pleased I have a basic version of a website. I would like to improve the visual design, and different ways I can make the website fit into the modern era and blend in with other portfolio websites. I want to create my own 3D Model viewer that can allow users to control. I would like to allow my website to be viewed and accessible on mobile devices and other browsers.

**References**

<https://brightspace.bournemouth.ac.uk/d2l/le/content/143123/Home> Peter Allen, Karsten Pedersen. 2020

<https://stock.adobe.com/uk/search/audio?album=&asset_type=AUDIO&attribution=&currentPage=1&duration-max=1200000&duration-min=0&film=Film&film=Film&genres=Film&keywords=&load_type=audio+lp&order=relevance&pageLimit=50&tempo-max=300&tempo-min=1>

Adobe Stock Sounds 2020