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## Web Page Assignment Report

### **Filing System**

When creating a multi page website, regardless of using html or a css template, one of the things I was mindful of, was creating and maintaining an ordered and well structured filing system.

Not only does an orderly filing system make it easy to find items you are looking for, but it also makes linking additional pages, images and other items easier.

Keeping all your assets in a main or 'root' folder also means that linking to additional items can be simplified, as the web page will automatically look for these items within the current folder, and so relative links can be used instead of the longer absolute links.

### **CSS Sheet**

Once this was done I was able to select and download a CSS (Cascading Style Sheet) Template.

This is an additional page of code that links into all the other html pages, and means that changes can be made in one place that effect all the linked pages, and saves the necessity of having to make multiple changes on each page.

With this selected, you can begin the process of selecting all the sections that need to be changed to personalise your website.

As there were 5 main buttons, I decided to use these as a guide for the pages I would create.

Firstly I opened the existing 'index' page using Notepad ++ , as this maintains all the existing work, done in the template.

I began changing all the titles, and name of the buttons, to things that would be relevant to pages I would use.

For example I changed the main navigation buttons to Drawing, 3D Max, Unity and About Me . I then created pages with the same names,

### **Headings**

Then I began updating all the main body content, and doing it for each page.

Once this was done I was able to make changes to the different header sizes for h1 and h2 etc. This was done in the CSS sheet, and has different options for the main headings , content heading, and side bar headings.

Most of the headings looked fine, so I just changed the text on the main menu buttons to green, and the main body heading to a maroon colour.

## Hyperlinks

Most of the work involved updating all the image links, and all the links to pages to and from each page, making sure that they work in both directions.

One of the methods of linking pages I used was

```
<a href="images/training1.jpg" target="blank">
```

which opens the link in a new page.

There seemed to be a bug with this, as it automatically updated all the text below it , as hyperlinks to the same image, even though they were in new sections.

Updating the following pieces of text to their own link, stopped this in a way, but it meant all text had to be linked to something correctly.

Restarting the software, or the computer make no difference, so I assumed it was a mistake I made.

I made a few attempts to remove some of the html hyperlink code but the results were less satisfactory, as some text had no links , so I worked around the problem to something I was happy with. But it is something I would like more control over.

## Page Colour

I then went to change the page colour for each page, but found I had to look up the method for this on the internet.

I found different methods for doing this, and firstly was given an incorrect code for giving each pages its own identification.

Eventually I found the correct html code

```
<body id = "dmax">
```

which when embodied in the head of each page , could then be referenced in the CSS sheet to , say that pages with this code, will have this colour.

For example

```
body#drawing { background-color: #2F4F4F; }  
body#dmax { background-color: #800000;
```

This worked for most pages , but not for the page with the id "3dmax"

After some experiments, I found that by removing the numeric digit "3" that it worked ok then. I'm not sure it this is a bug, or typical of CSS sheets.

## **Videos**

I also went to youtube and to videos I have edited in the past, and found the embed code, and added it to the correct place, and changed the frame size , so it would appear correctly on the page.

One of the things I noticed about this, was that if you change an embedded video from one to another, it takes a few minutes for it to update on your web page. This can be annoying as you tend to keep repeating the process and checking the embed code, assuming something has not worked, even when it has.

## **Unity Game**

An excellent feature of both html code and the Unitys Game engine software is that games can be played in your browser.

To do this you must first use the 'Build' function in the Unity software.

This creates 2 files, one a html page and another a compress verion of the game you have just built.

By saving these files in a folder in your root folder , you can easily link to the html page Unity created , and the game will be playable on this page.

Its just a pity my game still needs so much work to be any good.

There is also an option to embed unity games on the page, but I had problems using the html code, and could not access the Unity help forums for extra information.

Personally I prefer the option to use the hyperlink anyway.

## **Quality Checking**

Once most of this work is done, there is quite a bit of work to constantly refresh, review and update the pages you have created to constantly check for sections you have missed, or that have errors, or have not been updated to reflect they are different to the home page.

Mostly this involved updating dead or misdirecting links, but also gives the opportunity to stand back and look at the pages, to see if they work on their own, with the different colours of text and backgrounds.

I also created a favicon, on a website, that also created some html code for me, but I could not get it to work.

## **Synopsis**

Overall using template web pages with CSS sheets are an effective and very simple way of creating excellent looking web pages, with out having to know complex html code.

The CSS sheets are also an excellent and very usable method to make sweeping updates to multiple web pages Some knowledge is required to get started.

However, when I wanted to change a file, in this case, my CV, I was require to update all the links, where used. I could have saved the new version over the existing one, like I did when updating photos for the banner ads, but I did not want different CV's with duplicate names, so I updated the links manually.

I also enjoyed assembling all the images, and but as I have not yet finished the course, I do not have the material I would like to show to the world, but this is still an excellent starting point for a website that could go on the world wide web.