

CSY1018-Assignment 1

Introduction:

This report will outline how the project was made and some of the problems I've encountered during the projects creation.

This project has taken approximately 72 hours of programming to try and overcome some of the problems faced during its creation which this report will hopefully detail.

The Layout:

There were some problems faced during the creation of the layout such as sizing problems as well as flexbox's moving into places they shouldn't however with help from "A Complete Guide To Flexbox | CSS-Tricks" I was able to gain a better understanding of how flexbox works in CSS which allowed me to overcome these problems to do with sizing and positioning however this was only to an extent since there were problems I was unable to solve such as the positioning of the logo photo and main header as seen in figure 1:

Figure 1.



As you can see from figure 1 the logo and header are both confined to the left hand side of the screen which I was unable to properly position since I wanted the logo to stay to the left and the header to centre.

I personally consider the footer section to be a success as I was able to properly position each of the items and have them reposition dynamically if the page was resized as can be seen here in figure 2 and 3

Figure 2.

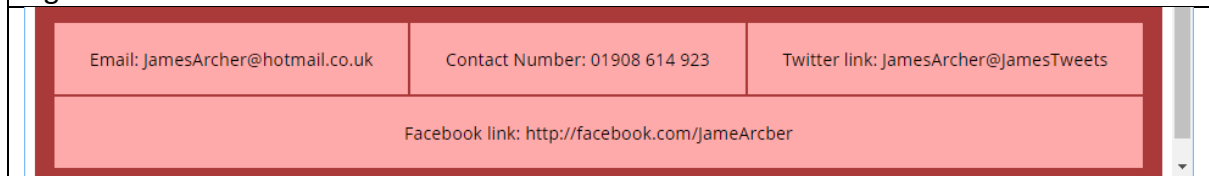


Figure 3.



As you can see they move and reposition themselves to ensure the text is still readable and easily identifiable. This again can be attributed to "A Complete Guide To Flexbox | CSS-Tricks" which helped give me a understanding of flexbox as also provided me with

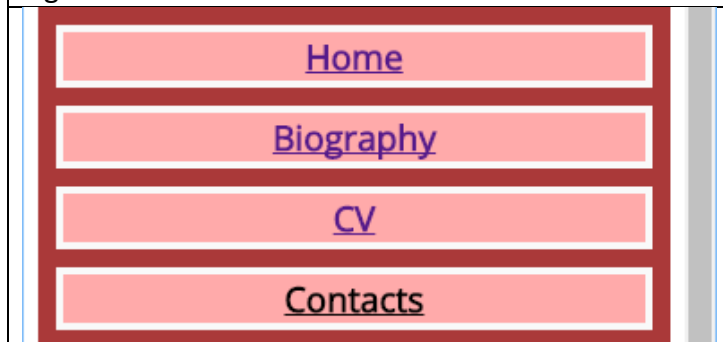
knowledge of flexbox functions such as “flex-grow” which helped me to implement these systems.

Another example of positioning that can also be attribute to "A Complete Guide To Flexbox | CSS-Tricks" is the navigation bar which was also made with help from that source as it also uses “flex-grow” and some other positioning techniques provided by the source. These can be seen in figure 5 and 5:

Figure 4.



Figure 5.



As you can see by figure 4 and 5 the navigation bar moves the buttons accordingly. This is done using flexbox and media queries.

As I mentioned earlier I particularly struggled with the pictures positioning and dynamic resizing however with the help of "How Can I Resize An Image Dynamically With CSS As The Browser Width/Height Changes?" I was able to figure out what I was doing wrong and now as such the main picture on the index page can dynamically resize.

It should also be mentioned that "Pxtoem.Com: PX To EM Conversion Made Simple.". was used for the resizing when using media queries as this source helped me determine when items should change state to properly fit onto the page

The font:

There are three fonts in use on the webpage and they are as follows:

1. 'Lobster', cursive
2. 'Lobster Two', cursive;
3. 'Open Sans', sans-serif;

The first font in use is for the main header so the <h1> tag and was picked because of its bold but elegant design. The second font is for <h2> tagged items and is similar to the first font which is why it was picked. The last font was picked for its easy readability and simple design which is used on the webpage for any body text that is not a title or subtitle.

All three fonts where sourced from "Google Fonts".

The colour scheme:

List of colours used in the website:

1. #801515;
2. #000000;
3. #AA3939;
4. #FFAAAA;

5. #F9F9F9;
6. rgba(18%, 70.2%, 9.8%, 0.8);
7. #D46A6A;

These were all sourced from "Paletton - The Color Scheme Designer" which helped me to find a colour scheme which I felt suited the design I was going for. As such I ended on a mostly red colour scheme with the exception of some whitespace used to separate flexbox's and some green to emphasis parts of the website being as it's the complementary colour of red. The green was used around the photo on the index page and around the buttons when they are hovered over.

To conclude I felt that the overall colour design in the end was ok however I felt it lacked diversity in colour and that in the end red was not a good colour to use since few other colours look good alongside it. If I were to do this assignment again I would use a more diverse colour palate with at least three other colours.

Assignment Brief on the report:

This assignment will include a **README** file that describes the work. This description must:

1. Identify what aspects of the work have been correctly implemented and what have not.
2. Identify anyone with whom you have collaborated or discussed the assignment.
3. Say approximately how many hours you have spent completing the assignment.
4. Be written in either text format (**README.txt**) or in Markdown (**README.md**) or in a Word Document/ PDF.

Bibliography:

1. "A Complete Guide To Flexbox | CSS-Tricks". CSS-Tricks. Web. 5 Jan. 2017.
2. "Google Fonts". *Fonts.googleapis.com*. Web. 15 Jan. 2017.
3. "Paletton - The Color Scheme Designer". Paletton.com. Web. 8 Dec. 2016.
4. "How Can I Resize An Image Dynamically With CSS As The Browser Width/Height Changes?". Stackoverflow.com. Web. 10 Dec. 2016.
5. "Pxtoem.Com: PX To EM Conversion Made Simple.". Pxtoem.com. Web. 28 Nov. 2016.