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**Assignment 1: Web Development**

**Submission date: 15/01/2017**

**Introduction**

In this assignment we were assigned to make a website using Cascading Style Sheets and we were instructed to make a website using 4 web pages namely Index page, Bio page, Resume page and the contact page. It took me approximately 400 hours to complete this assignment. It was interesting to try out new styles and feeling accomplished after the style working perfectly. The main challenge I faced when making this website was repositioning. I had to rearrange the whole web site because of repositioning issues and most of the things that I want to add was restricted because of this. This Website was developed by using CSS and HTML languages.

**Page 1- Index Page**

The first page in the website is the index page which gives a summary of the whole website.

*Navigation bar*

Initially I started off with styling and creating a navigation bar. This navigation bar is common in all of the web pages therefore the navigation bar was in the header tag in the html. A four column navigation bar was used for the web page in an <ul> unordered list. This took quite some time because it needed to be in several <div> and <id> tags in the html. Each page should be linked to the list <li>that is assigned for the home or the index page. The list that the home page falls under should not be navigated as that’s the page you are in therefore to avoid this an <.active> element was inserted though it is in a <href>.

*Transitions*

Also I made the navigation to zoom into the word or the list once hovers. For this transitions were used. The list that the page is on should be different from the rest therefore I made the active element in a different font color and for it to have another transition where that list box is highlighted in a white Also I wanted a logo which is the main title to be displayed on the top therefore I entered an image into the div class navigation bar and assigned a time for the transition. The logo was given the transition to translate its position when it is hovered.

*Background images*.

A background image was used but it was hard to get the image to fit the screen then I figured out that background image positioning was needed. Also I used a body class tag to assign different background images to the 4 different pages so that all styling could be done in one CSS file.

*Footer*

Footer was made by combining 4 social media icons and linking each specific icon using a< href> tag and also adding a <p> tag for the copy right line. For the copy right sign had to use &copy element. Initially I assigned the footer a transition to rotate by a-30 degree but it kept on moving too fast therefore decided to remove it.

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**Page 2- Bio Page.**

*Background image*

The bio page included a different background image. Initially I used one CSS file for each HTML file using an id for body and using <body#id> then once I went through the validation it said it is a fatal error but it was corrected by adding a class to the body. Background imaged were properly styled and positioned.

*Div tags*

I added different fonts and font sizes based on the description. This included a short insight into the life of Jordon Kate. Initially a lot of context was to be included in the div elements but this would require more scrolling down which would in ineffective therefore the position of the div elements were decided to rearrange.



**Page 3 - Resume.**

The resume page included the basic information and the achievements gained through the life of Jordan Kate so far. This included two 3 main font types which was applied through the < font family> tag. Then in the other corner using a reposition of 25% of the row. The initial plan was to go ahead as the wire-frame but then realized that another div in the bottom is just unnecessary and it would not be visible m 

**Page 4 - Contact**

This page would send any query to Jordan Kate or any message that needs to be sent. This page includes a form which has name, e-mail, phone number and the message to be sent. There is a button created to submit the information included in the form. First I tried to resize the button and the styling of it but I couldn’t because I had accidently put the <button> tag inside a <p> tag. The only challenge that I faced was that the button is not responsive in the contact page. Apart from the form I also added an image which has some text which includes the contact information of Jordan Kate.



The following diagrams are the sketches or the wireframes I based my web site from the planning stage. All the documents both the HTML and the CSS files are error free and have gone through the validators. It is also uploaded on github, and I have got good comments on it. For this assignment I got assistance from my lecturer Mr. Kosala and I continuously discussed how to overcome the problems that I faced with my class mates. I found more information on CSS and HTML on W3schools In-text: (W3schools.com, 2017) and stackoverflow (Stackoverflow.com, 2017)

**Bibliography.**

Stackoverflow.com. (2017). *Stack Overflow*. [online] Available at: <http://stackoverflow.com/> [Accessed 15 Jan. 2017].

W3schools.com. (2017). W3Schools Online Web Tutorials. [online] Available at: http://www.w3schools.com/default.asp [Accessed 15 Jan. 2017]