**Analysis on my Website**

**Website name – Portfolio\_Website**

**by Caleb Cajudo**

This is for me to show my understanding of digital technologies by creating and develop a website/web application that is to look like a portfolio site. To be used for my personal use and/or pretend to have it for some company.

The design within this site is to make it easy to navigate and have easy usability. The website should be able to work like any other normal site. For designing the website, to be able to effectively use CSS and should evidenced where the site will be rendered correctly on normal desktop browsers.

The website should also be able to implement at least one dynamic or interactive element to the site using JavaScript.

The user must use Git version control system throughout the development of the website which includes frequent commits with relevant comments.

Graphical user interface, text, email

Description automatically generated

**Home Page**

The home page where the user will start. The website is a simple design with plain colours, so it is not showy to the user using it. I would have liked to add brighter colours, but I felt like it may have been either unprofessional or would not suit with the style I was making. The title of the pages is always on the top left, using the float left code, to let the user know that they are on the right page. There are some social media links on the right, the icons can bring up the page of my social media, the user will be sent to a different tab when they click on the icons from the code \_blank. On the left are customized buttons which are ‘animated’ so it looks like they are being pressed, using CSS the colours will change when you hover or click on the buttons. Then there is a slide show on this page allowing the user to see a bit of my work, small snippets before they get to the projects page where there will be more. At the back of the pages there is an image, I have placed the image in the background, so it has some decoration to the website. This covers the entire page and is not in the way since it is behind the divisions, it does not need to be seen but it still adds a bit of décor to the site.

Graphical user interface, text, application

Description automatically generated**About Page**

This page talks about what I have done and about myself, a very simple page since it does not need much in it. All of what was said above are where they are, but this time the title has changed to show the user where they are, and this goes for the other pages too. The divs within all the html of this website are divided into sections, from the top there is a div of its own for all the menu items such as the title, social media icons and the buttons; then there is the middle division where all the content will be placed here like writing and pictures; then at the bottom is extras like a copyright to make it look professional.

Graphical user interface, text, application

Description automatically generated**CV Page**

This is where I have put my CV to allow managers to see what work experiences I have had, and the achievements I got whilst educating or my time. I have put an embedded PDF to be able to place the document inside the embedded PDF. It is easy to let the user read since you can zoom in and out of the PDF, and they can download the PDF if they want to use it.

Graphical user interface, application, Word

Description automatically generated**Projects Page**

This page is where I put my projects from art to 3d models. They are placed in a gallery format and I have made it so you can change the size so you can make it bigger if you drag one of the corners, also the gallery is able to have comments/descriptions underneath so I can give context to what they are. The pictures can be clicked and opens a new tab to let you see it bigger if you do not want to drag it, or if you are on a phone and the drag does not work. There is also a canvas which animates a character over and over, it can be moved using the arrow keys.

**Analysis/conclusion**

The site was made to be simple and easy to navigate around the pages, using the buttons to switch between each page. This is a straightforward way to allow users to choose which part of the website they would like to see with one click. The entire website can be seen, and most likely the user will not have to zoom in or out.

Though the design is simple, the design does seem to be a bit bland. This is from the colours used within the divisions, the only colours which were monochrome, this makes the site look dull to look at when going through it. The background of the website does make the site slightly better since it is adding a bit more colour around the site.

The social media icons can be clicked and sends the user to my social media, it is able to send the user to a new tab. I have used a code target=”\_blank” this opens a new tab within their browser so they do not have to press return, and instead can have the new tab opened so they can switch between the website and the new tab. This has been used on the pictures in the Projects Page as well, if the user clicks on the pictures, they will open a new tab to see the picture in a bigger form.

I had put a slideshow in the Home Page to allow the user to see snippets of my work. They can click the circles or the arrows to switch between each picture. This uses Java Script to be able to make the slideshow work, since it needs something to allow the user to ‘activate’ the circles or arrows and switch it to the next or previous picture. A problem I had was when the site loaded up the slideshow does not show the first picture, to fix it you would have to press next or previous and loop back to the other picture which did not load. I then fixed it by adding the code onload=”plusSlides(0) which loads the first picture of the slide as soon as you load up the website.

The embedded PDF is not much since there is one code to allow it to work, then I would have to link the document to the code, in the HTML, so that it would work. Using <iframe> to place an embedded PDF into the site. Then putting the source of the document and editing the size of the embedded PDF. This a good touch on this page since there is nothing really to put in, and since it is only the CV the embedded PDF is perfect to add. Allowing users to download and look at the CV easily.

The customizable buttons use CSS to be able to change the size and the colours of the buttons, this can give me ideas on how to make it look and work with the website. The buttons change in colours and size from the use of CSS. .btn-group .button:hover this changes the colour of the button when the mouse hovers above it. .button:active this changes the size and colour of the button when the button is clicked on. Small animations make the website more interactive. A good iteration I could have added is if the buttons are clicked it could make a sound.

The gallery was a good add-on for the Projects Page since it was able to keep the page clean and organised. The pictures are automatically set to be able to ‘list’ each other by placing them side-by-side whenever a new picture was added. It uses CSS to make it work and the divisions that they were in. I was able to add both picture and a description, which I can briefly talk about each picture (or titles for the picture). It would have been good if I was able to figure out how to make these galleries automatically increase, if you decide to zoom out, but I had added a way to be able to manually enlarge the picture if you decide to.

**References –**

<https://www.w3schools.com/tags/att_a_target.asp> : \_blank

<https://www.w3schools.com/howto/howto_js_slideshow.asp> : slideshow

<https://www.w3docs.com/snippets/html/how-to-embed-pdf-in-html.html> : embedded PDF

<https://www.w3schools.com/css/css3_buttons.asp> : CSS buttons, customizable buttons

<https://www.w3schools.com/css/css_image_gallery.asp> : gallery