Assignment description:

We have to build a Website to be our online repository for assignments and Final project documentation.

Learning objectives:

1. To learn how to build a website.
2. To learn the proper way of documentation for different audience.

So let’s start by answering those questions:

To start documentation there are different aspects that you have to consider like:

1. For whom you are writing the documentation?
2. Why are you documenting?
3. How you are going to structure your documentation?

First: this is documentation for me and for other peers who may have the same beginner perspective I have now. So I will try to make the documentation as detailed as I can.

Second: I am documenting to keep a source of what steps I had to do and what I thought about through the task. And to be a future reference for anyone who want to do the same tasks and need some help and perspective.

Let’s dive in in to the first assignment:

First I went through previous student's websites and started screening the website and how they documented their work. So I can have a Sense of how documentation works and develop my own Style.

Then, I had to take a decision on what approach of web design I was going to use to build the website.

1. **Wix.com**: It’s an all-in-one platform. Wix allows you to build a website from scratch on your own. No coding skills are required. Wix can be used by anyone. And actually it’s a very easy way if you have no coding knowledge.

Here is a website that talks about differences between Wix and Wordpress and tell you how to build a website on wix step by step: <https://winningwp.com/wix-vs-wordpress-which-is-best/>

1. **Wordpress**: on the other hand WordPress is a self-hosted open-source content management system. By that we mean it’s more powerful than Wix, but requires a bit of technical knowhow using. You have to take care for things like hosting and a domain name separately, but it’s ultimately more flexible (if you know how to code).
2. **Use readymade template:** it’s definitely the best choice if you have a good knowledge of web development languages and frameworks such as (HTML, CSS, JavaScript, Bootstrap …etc.). You can search between hundreds of templates online and choose the suitable for your own application and use.

It gives you the flexibility to use any customized font, background, colors and content you want.

All you need to know is the main components of the template and you are ready to go just change the content of the template with the content of your own.

If you have no prior knowledge in HTML and CSS I recommend taking a small tutorial on “Solo learn” or “Code Academy” websites it covers all of the basics you need and gives you the ability to try the examples and codes while learning on their online emulator which is an easy learning experience

I started by designing the Structure and look of my website in a paper so I can imagine what my website should look like.

Then I began to look into websites templates, the main websites I found interesting are the theme force, bootstrap, uicookies and colorlib.

Once I choose my template I will start identify the main parts of my website. Just to know exactly what I want to change and from where I can change it. I used Visual studio code as Visual Studio could be classed as an integrated development environment (IDE), because it allows programmers to both write and test code. Plus IntelliSense analyzes the semantics (letters) of what you are inputting, as well as the rest of the code you have created, and then provides suggestions on how to finish what you are writing. You can access a whole host of different completions through IntelliSense, including language server suggestions, snippets, and word-based textual completions.

Step by step change everything you need so that the website is exactly like you wanted it to be.

It may take some time to find the line or even the file that is responsible for a change, its ok. After couple of changes you find yourself familiar with the design and its attributes