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front end deleopment

Assighnment report.

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# Introduction

In this project the front-end developer was tasked with creating a website for a new start up client. Firstly the developer sent a questionnaire to the client to see what they wanted to include in their website. The website is going to include a home page, music page, contact page, and shopping page which will include an e-commerce system. The developer is going to develop this website using visual studio code with three different coding languages HTML, CSS, and JavaScript. The website will be coded in a way where uses can use it either on their PC or their mobile devices.

## Part 1 the web technologies

In this project the front-end developer has used the languages HTML, CSS, and JavaScript to develop this website. They used HTML because the foundation of websites is provided by HTML, which is then improved and altered by other technologies like CSS and JavaScript. They used CSS as a second language because presentation, formatting, and layout are managed via CSS. Lastly the developer used JavaScript because it is used to control the behaviour of certain elements.

App used?

The programmer uses visual studio to build the website in because it is simple and easy to use with a powerful developer tool. The pleasantly frictionless edit-build-debug cycle allows you to spend more time implementing ideas and less time fussing with the environment.

Why the developer used VS code rather than Notepad++

One reason was that notepad++ does not support any source control systems however GitHub, one of the three main source control systems and one of two free options, is the natively supported by VS code.

Notepad++ outperforms VS code in terms of performance and speed but VS code offers a little more versatility and Intellisense speeds up the creation of the code considerably. This will maker it easier for the developer to create the website on VS code because of the flexibility it has that other apps don’t possess.

User requirements met.

The developer has had a overall successful project because they have met the clients needs. They created a website with multiple pages including the e-commerce system in the store page which is more than what the client asked for. They also made a Navbar for the website and on the Navbar it shows the company’s logo and includes the links for the other pages where users can visit.

The purpose of a multi-page website is that it will be easier for the user to be able to use and it’ll be more manageable. furthermore, the website looks more organized this way and more professional, so it doesn’t look like a deceiving website. The developer has made this happen by using bootstrap and getting a template for a navbar. They then implemented the template to their code which made it simpler making a multipage website.

The developer built a e-commerce system because it was a user requirement however they added to the website page by creating features where the user can buy multiple items together, and if the user has selected a wrong item to their cart and want to remove it they can do so without having to re-make another cart because the developer has also added features like remove item from cart. The developer has done this by linking the HTML code and creating a cart function on JavaScript.

In the contact page the user can contact the company by filling out the form. The developer has implemented form validation for the user. This is so the user doesn’t miss a section of detail that they need to fill out and also to stop people from spamming the company with unnecessary junk which could potentially waste a lot of their time. the developer has done this by implementing command words into their code which makes it compulsory for the user to fill out the details that are required.

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