**2.1, Review the ongoing use of IT tools and change approach as needed – in making your own website, are you happy with the tools you used? E.g. Visual Studio Code, Codepen, Trello**

The IT tools I used during the creation of my website included:

* Visual studio – used to code the HTML and CSS technologies.
* Trello – This was used primarily during the planning stage of my website. This was updated on occasion; however, my primary concern was learning the HTML and CSS technologies.

I was very happy with the tools I used and look forward to improving my skills surrounding their capabilities.

**2.2, Describe whether the IT tools selected were appropriate E.g. Visual Studio Code, Codepen, Trello.**

I feel the IT tools I used for the project were appropriate. I have enjoyed learning their capabilities: especially writing the code required to execute my ideas.

**2.3 Assess the strengths and weaknesses of your final project – are you happy with your website Why? Why not? You should review it on the website itself in the interests of openness. What would you change?**

The strengths and weaknesses of my website are as follows:

|  |  |
| --- | --- |
| Strength | Weakness |
| There is a lot of information about the band | Content could have been better |
| The website is simple to navigate | Theme needs work to allow for continuity |
| Has multiple link opportunities to keep the user interested | Footer theme which stores external links needed display work in CSS. |

I am happy that I have created my first website, but I am not happy with the website I have produced at its present development. The majority of changes I intend to make are surrounding its display. Once I become more adept using CSS I feel the website will begin to look like my vision intended.

**2.4 Describe further improvements you can make to your project**

Further improvements I intend to make include

* A better background image for the homepage.
* Nav bar and footer display and arrangement changes. The is for a cleaner more professional presentation

**2.5 Review outcomes to make sure they match requirements and are fit for purpose**

The requirements of my website was to showcase the band Muke. The ideas outlined included descriptive text, visual and audio stimulation. The outcome so far has not been to pan as audio needs to be added to the website. Further requirements that have not far been met include

**Unit 1, Outcome 3**

**3.1 Review the benefits and drawbacks of IT tools and systems used in terms of productivity and efficiency – could you have been more efficient when making your website? How? Could you have done it in teams?**

The benefits and drawbacks of IT tools during this project include.

|  |  |  |
| --- | --- | --- |
| Tool | Benefits | Drawbacks |
| HTML | Once understood framework can be reused | None encountered so far |
| CSS | Can change a lot with little effort | Takes time to learn commands. |
| Visual Studio | Brilliant tool all-round |  |

I think a team would have been good to improve efficiency and technical knowhow. This would have allowed me more time to improve the site layout and its content. Moreover, within a team setting other members may have contributed ideas I had not thought to implement.

**3.2 Describe ways to improve productivity and efficiency**

Ways that I could have improved productivity and efficiency would have been to extend my research surrounding technologies such as CSS, which drastically improve the display of a website. Because this was my first website I took a lot of time to familiarise myself with HTML production and layout. If the layout and content would have been planned better from the start, I would not have spent as much time setting the design and layout. This however is to be expected as I had no prior experience.

**3.3, Develop solutions to improve own productivity using IT in digital projects – what would you do differently next time? Teamwork? Use of Slack?**

Next time when I make a website I will be able to draw on my experience from making my first website. Taking on boards this experience I could have implanted functions earlier on instead of adding them in later when I was figuring out the technologies. Furthermore, I would continue to develop my knowledge in this area enabling me to introduce new ideas and execute new concepts to a website.

**3.4 Describe how you would go about testing digital solutions**

I would test digital solutions by checking its finished form for errors and bugs. I currently have 1 bug on my webpage. This bug was highlighted by my course leader because they checked the functionality of the website interface. Upon doing so the error was reported. To fix the error I reviewed my source code and identified the potential problem and attempted a fix. Then I resubmitted the work for further review.

**Unit 2, Outcome 1**

* 1. **Describing the content and layout for each page**

The content for the page is arranged in the following way:

Apart from the homepage each page is complete with a header for navigating the website and a footer which allows the user to access external links associated with the band page.

* Home – this is a large clickable image of the band logo that takes the user through to the main website.
* About – this is the main body of the website and includes information on the band, plus other content such as tour dates and audio samples. This information is accompanied with a fixed full screen image.
* Gallery – displays images personal to the band on a simple black background.
* Store – this page allows the user to interact with the website by purchasing band merchandise.

**1.5 Describing copyright and other constraints affecting websites**

When making my website I was careful when selecting content that was not the property of another entity. I did this by using images from my own or friends libraries. This way I avoid copyright allegations and have creative freedom with my digital projects.

**1.6 Describing access issues that need taking into account - describe issues that people with disabilities may face when using webpages and how we can overcome them**

Access issues that need to be taken into consideration are:

Web access using different devices. To tackle this, I used a cover function in CSS, which is designed to fit into any browser regardless of size. Other access issues may be a slow internet connection prevent images and videos from opening. To overcome this, I included an (ALT=) description to explain the content in replacement of tags not opening. Additional access issues which require I more though out approach to development include:

* auditory
* cognitive
* neurological
* physical
* speech
* visual

To overcome these issues, developers can include alternative displays such a transcript for audio, visual displays being replaced with audio. Alternatively, users can use adaptive hardware like special keyboards.

**1.7 Describe which are the appropriate filetypes for websites**

The appropriate file types to use with websites are .jpeg, .png, GIF, SVG. Based upon my experience .jpeg files are good to include within a website at they are easy to upload and edit.