Tools and Techniques suitability document

|  |  |  |
| --- | --- | --- |
| **Tool/Technique** | **Suitable Y/N?** | **Explanation** |
| HTML / HTML5 | Y | Use of HTML is suitable as it is the main form of code to create the web pages I will include within my website. It is also crucial for embedding features of my website such as the Job Description PDF. |
| Tables | Y | Using tables within my website creation allows me to adjust the positioning of features such as rollover buttons. I can also manually adjust the exact height and width of the table and the buttons within them. I will also use tables to format pictures of staff and their quotations, as well as the social media platforms. |
| Forms- text field ,text area, buttons, radio buttons, checkboxes | Y | Text fields will be used to insert relevant text regarding the company. I will also use rollover buttons to provide links to my website’s most important pages. |
| Menus |  |  |
| Hyperlinks (internal and external | Y | I will use hyperlinks to link to various other created web pages, for example I will use a hyperlink to access the ‘Staff’ page, which will be located on the ‘About Us’ page. I will also include hyperlinks to web development courses on a separate web page. |
| Anchors | Y | I will use anchors to return to the top of the page. |
| Hotspots | N | Hotspots are not relevant to the creation of this website. |
| Interactive buttons | Y | Interactive buttons are featured on every page. The same three buttons, ‘About Us’, ‘Applications’ and ‘Contact Us’ will feature on every page underneath an interactive banner, which will link back to the website’s homepage. |
| Rollover images | Y | Rollover images will be used for the interactive buttons. When the button is scrolled over, the background colour of the button will change from orange to black. The colour of the text will also change from black to orange. |
| Templates | N | Templates are not needed as I will be building the website individually. |
| CSS e.g. background colour, background images, text formatting, borders, padding, heading styles, element position | Y | CSS is required for the changing of font on each web page. It is also necessary for the input of images and formatting the positioning of text, although I have no plans to change the background colour from white. |
| Embedded multimedia e.g. digital graphics, digital audio, digital video | Y | Embedded multimedia is essential for the creation of my website, particularly as I intend to embed a Job Description PDF and Google Map. I will embed the source code of the PDF and Google Map within the website’s html. |
| Accessibilityfeatures,e.g.alternativetags,zoomfeatures,text-to-speech | Y | I will include Accessibility features including alternative text for all the images I include within my website. |
| W3C standards for accessibility and HTML compliance | Y | Applying my website to W3C standards is essential in the eligibility of my final published web pages, and reassure my produced website of html compliance. |
| Platform compatibility e.g. browser, operating system, mobile devices | Y | Platform compatibility is essential to provide accessibility for prospective employees visiting the website on a range of different devices. The vast range of available technology, particularly for people who will most likely be interested in I.T systems makes it crucial that the website runs efficiently on Mobile, Tablet and Computer devices, and different operating systems such as Apple and Android phones. |
| Exporting and compressing of digital assets into suitable file types |  | Exporting and compressing digital assets into suitable file types will benefit server side factors, including the time taken for the website to load. |