**Develop Coding: Assignment**

**Student Name:**

Q1. Describe the purpose of using IT in creating your website and how you will use IT to plan and carry out the necessary tasks. (How will you plan your website, what audience is it aimed at? How will your use of IT achieve the required outcomes in your plan?)

1) I wanted to pick a subject i was interested in so picked Man United football team. My aim was to create a webiste that someone could see the history, trophies, top moments from the history of United. I planned on having a simple layout with main page leading to 4 others and the contact page. My audience is primary football or sports fans like myself.

Q2. Describe methods, skills and resources needed to complete your website - explain what IT systems and software applications you need to be successful in your website project, and how you will use them (Describe at least one method, skill and resource needed to complete your website)

2) The number one method i used was using multi displays so i could use VScode next to my website using live server and then also another screen so i could google css code and watch help videos if needed. This saved time and lots of ALT-TAB which is good work practice. The skills i used the most was downloading images and also linking to youtube so needed to learn how to embed etc

Q3. Describe the legal guidelines and risks that might impact your website project - how does GDPR and copyright affect website development?

3) The Data Protection Act 2018 (GDPR) is a law which controls person information and the rights of who controls it. You need to have permissons from the relavation party to use or share such information, and you also need to make sure that storing or saving is authorised. You can also only hold information for a certain amount of time before you need to delete. You also need to get permisson from the author to make any monetary gains from information or data which isnt yours and if you do and its not authorised you will be sued.

Q4. Review the ongoing use of IT tools you have used for your website and describe whether they are appropriate - what are the benefits and drawbacks of IT tools and systems used? (Are you happy with the tools you used?)

4) I have struggled with some of the elements on this project since i hadnt done any HTML or CSS before this week so its been a steep learning curve. VScode is the best about and does make the work easier and Trello is good for laying out what tasks you need to start and end with but isnt the best for small projects since you kinda forget to update. Not used Github before so when i download my site later today i find out but dont see any issues.

Q5. Describe how you would test your website to make sure it looks as intended. What kind of files have you used in your website and explain why you have chosen those filetypes. How can you test your website to ensure it is accessible to people with disabilities? Describe how you can overcome potential accessibility issues with your website

5) I have tested all my pages with clicking links to make sure no broken code and also checked on different browsers and sizes and seems a few small issues which i will iron out today before uploading. Using live server is brilliant since it gives you instant feedback on any changes you make without clicking on refresh which is good. I've struggled with my text on the web site since i wanted a Red theme to go with united's but its not great against background images so had to blur to bring the text up better and will work on that later today.

Q6. Describe ways to improve your productivity and efficiency throughout this project (how can you make sure you are using IT tools and systems in the most effective way?) If you could have been more productive or efficient, how would you implement this for a future project?

6) Its hard to say how i would improve since this has been my first attempt and still very raw on html and css so just trying to get threw the best i can and then hopefully get better with more coding. I could with the right knowledge improve every aspect of the site and know what i want visually but lack the coding to bring that out on the page. One area i would say i failed is not working on one item a time and kept switching to different tasks within the site and that can cause frustration and confusion, so a more structured approach which i can now see after going threw it once is definitely the way forward.. My work times and conditions have been fine so no issues there.

Q7. Describe the final version of your website (what is the content and layout for each page?), assess the strengths and weaknesses and describe further improvements you can make to your website. Is the website fit for purpose? (did you achieve what you set out to do in your plan?)

7) I would describe my website is one main page where you can scroll down and pick from 4 options which will take you into learning about Man United's history, best moments, trophies and records. You can tell my site is done by someone new since there are many faults i can see which just dont have the code knowledge to solve or improve. When i try and improve one section another seems to go out of wack and it snowballs all over the page moving items so i tend to make small changes unless i know what the code is doing. I have had a PC since 1993 so know what a good web site looks like and mine is nowhere near to what i want or expect and the ideas i wanted to indroduce like drop down multi menus and slick graphics are far to hard on the css code side. I did inspect other web sites for the html and css code but to be frank i could read it and understand most of it but couldnt incorporate to the project and then found massive amounts of time burning so thought i would keep it simple to get it finished.

Q8. Take a screenshot of your website homepage working in two different browsers. (Make sure the GitHub Pages link is visible in the screenshot).

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| **Develop: Coding - Assignment Mapping Document** | | | | | | |
| **Questions** | **Q1** | **Q2** | | **Q3** | | **Q4** |
| TLM Criteria | 1.1.1, 1.1.3, | 1.1.2, 1.1.5, 1.1.6 | | 1.1.4, 1.1.7, 2.1.5 | | 1.2.1, 1.2.2, 1.3.1 |
| **Questions** | **Q5** | **Q6** | | **Q7** | | **Q8** |
| TLM Criteria | 1.3.4, 2.1.6, 2.1.7 | 1.3.2, 1.3.3 | | 1.2.3, 1.2.4, 1.2.5, 2.1.1, | | 2.3.1 |
|  | | | | | | |
| **Website** | | | | | | |
| TLM Criteria | 2.1.2, 2.1.3, 2.1.4, 2.1.8 | | 2.2.1, 2.2.2, 2.2.3, 2.2.4, 2.2.5, 2.2.6 | | 2.3.2, 2.3.3, 2.2.4 | |