Develop Coding Assignment:

Website Project Questionnaire

Presented by :

John

The Questions

Question 1

Describe the purpose of using IT in creating your website and how you will use IT to plan and carry out necessary tasks ?

Question 1 Answer

The purpose of using IT in creating my website was to create a responsive and user-friendly website that could be viewed on the internet.

I Implemented the kanban method of planning on Trello to properly plan my website and VSCode to build my website as it contained the HTML and CSS programming Language.

In addition, I conducted research on the internet to understand what I wanted my website to be about and to look like.

I then decided that I wanted my website to be about animals. Moreover, I also used Google slides to plan how to write the paragraphs that I would put on my website.

The audience for my website are probably going to be animal lovers or researchers (for research purposes). This because my website is about animals.

Question 2

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 ?

Question 2 Answer

A method I used was the kanban method of planning to make sure I could properly plan my website and keep on track of all tasks.

Trello was used to plan each stage of my ' to do list'. So that I would have clear view of the tasks I have yet to complete and the tasks I already have completed.

Having the resources and a little knowledge of HTML and CSS also proved to be a good coding skills as it helped me to build my website at an faster and ethical pace.

In order to complete my website I would have to upload and publish it on GitHub. Which will enable other users to view and interact with my website.

I used free stock photos to add the images to my website which not affect any copyright.

Links for images :

https://www.pexels.com

https://www.mypokecard.com/en

Question 3

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

Question 3 Answer

What is 'Copyright Infringement' ?

The use of other peoples' or companies materials in order to gain profit, distribute or claim without their permission or ownership rights. The perpetrator could lose the right to claim, distribute and profit of the material.

What is 'Copyright' ?

Copyright enables the owner of the material to gain exclusive rights . Such as : the right to profit, claim and distribute the material.

My website is for educational purposes.Copyright won't affect me. However if it wasn't for educational purposes I would have to ask the copyright holders permission to use their images.

What is 'GDPR' ?

Which stands for: General Data Protection Regulation.Is used as set of rules/principles to follow for data protections such as personal and sensitive data.

The GDPR requires you to have an lawful basis when processing data. It also requires companies/individuals to process data fairly, transparency and lawfully.

Links:

https://www.gov.uk/copyright

https://www.gov.uk/government/publications/guide-to-the-general-data-protection-regulation

Question 4

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 ?

Question 4 Answer

VSCode:

Visual Studio Code is good to use as it enabled me to build my website. It has a lot of smart functions such as 'Live server' which allows me to view my website as I am adding code and building it.

However, the issue I had with visual studio is that sometimes it was not possible to undo mistakes made in VSCode.

Trello:

This is a simple to-do-list website that simplifies planning. It helped me to structure and monitor my tasks effortlessly. However, I did not use this much.

Github:

This a good platform that enables me to upload my website for free. It also enables a wider audience to view my website.

Google Slides:

I used this online free software to create a presentation for my website. The disadvantage of using online google slides is that it is not user friendly.

Question 5

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 file types ?

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 ?

Question 5 Answer

I only used two programming languages which were HTML and CSS. I have also used JPEG to create user friendly visuals (images).

For accessibility i have used the 'alt' attribute for all my images. In order to make my website more accessible for those with visual impairment as they may use a screen reader. In addition, the text and colour scheme of my website were kept simple.

I have used 'Live Server' in VSCode as it enables me to see edits in my website in real time, which helps me to see if links or images are broken.

Question 6

Describe ways to improve your productivity and efficiency throughout this project ?

If you could have been more productive or efficient, how would you implement this for a future project ?

Question 6 Answer

If I were to make this website again , I would have liked more time to understand HTML and CSS better. In order to build my website better than it is now. I would also reduce my screen time by taking more breaks.

Question 7

Describe the final version of your website ?

Assess the strengths and weaknesses and describe further improvements you can make to your website. Is the website fit for purpose ?

Question 7 Answer

Describe website ?

My website is about about animals in general.
In addition, my website consists of three webpages:

1. Home   2. Endangered Animals   3. Pet Animals.

The first page is about animal families, the 'Felidae Family' in particular. These are cat species such as : Lion, Panther, Tiger, Leopards.

The 2nd page is about endangered animals in the wildlife and around the world. I talked about giant pandas, orangutan, sea otters and the blue whale.

The 3rd page is about favourite pets that people like having. I talked about popular cherished pets like dogs, cats and fish. In addition, I also discussed about exotic pets such the 'Iguanas'.

I have used colours green, blue and pink as these are distinctive colours associated with animals and these colours are simple and clear to see.

The background image I added to my website is used to give my website that climate/wildlife feel and look. I also added images of animals in Pokemon cards format to make my website more user-friendly and exciting.

Question 8

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

Question 8 Answer: Screenshots

Screenshot 1 - Safari Browser

Screenshot 2 - Google Chrome

Thanks!

Created and Presented

By:

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