

Develop Coding: Assignment



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For each question which includes 'describe' or 'review', write at least a paragraph worth of content to explain your answers. Include any other relevant evidence where appropriate, i.e. links or images.

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?*) As the old adage goes, *if you fail to plan, you plan to fail*. Building a website without a plan is like constructing a building without blueprints. Things end up in the wrong place, features are overlooked, and the situation is ripe for miscommunication between website builder and client. Planning your website ahead of time will give it clear direction as well as prevent missed deadlines and backtracking. If you are a web designer working with clients, then this guide will help both of you to plan properly. If you are a business owner or employee of an organization, then this guide will help lay the groundwork for your coming website.

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*)

Defining my site's purpose and strategy

Researching the latest web design trends

Choosing my platform (HTML, CSS, Google...)

Deciding on my branding

Adding in and optimizing content

Analyzing and improving along the way

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

All consents must be recorded as evidence that consent has been given

If my collect, change, transmit, erase, or otherwise use or store the personal data of EU citizens, I'll need to comply with the GDPR.

I need to have a legal basis, like consent, to process an EU citizen's personal data. Under the GDPR, I may use another legal basis for processing personal data, but we expect the majority of clients will rely on consent. This consent must be explicit and verifiable and not implied through use (like visiting a website or sending an enquiry form).

For consent to be used as the lawful basis, individuals must give their explicit consent (not assumed through a pre-ticked box, etc) and positively opt-in for their data to be held and used – with the option for them to change their mind and update their preferences at any time in a simple, easy way.

Verifiable consent requires a written record of when and how someone agreed to let me process their personal data.

All websites use cookies for analytics, advertising and functional services, such as surveys and chat tools that collect IP addresses and are time stamped.

All email forms, regardless of opt-in method, collect the email address, IP address, and timestamp associated with everyone who submits an online form.

For this reason, data collected prior to your adoption of a specific GDPR- informed data policy may have to be discarded.

Individuals also now have the “right of data portability”, the “right of data access” along with the “right to be forgotten” and can withdraw their consent whenever they want. In such case the data controller must delete the individual’s personal data if it’s no longer necessary to the purpose for which it was collected.

In case of a data breach, the company must be able to notify data protection authorities and affected individuals within 72 hours.

Furthermore, GDPR imposes an obligation on public authorities, organisations with more than 250 employees and companies processing sensitive personal data at a large scale to employ or train a data protection officer (DPO). The DPO must take measures to ensure GDPR compliance throughout the organisation.

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? [\(Are you happy with the tools you used?\)](#)

Actually I don't know because I need to learn more about this field.

Q5. Describe how you would test your website to make sure it looks as intended. Describe what kind of files 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

Find a reliable web host

Choose a platform to create your website

Prepare the tools you will need

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?

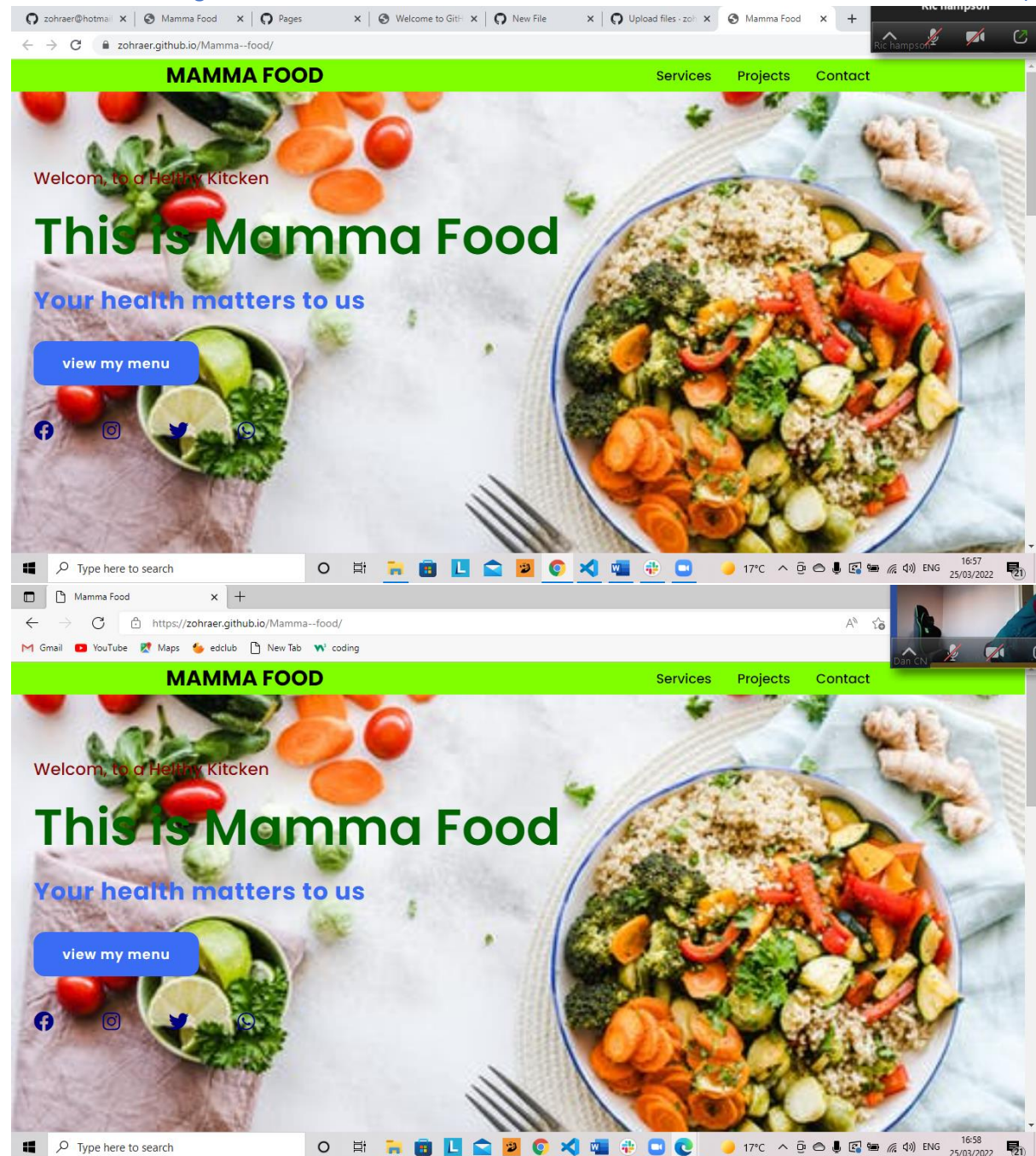
1. Set and track attainable goals.
2. Enhance productivity by communicating effectively
3. Measure everything

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?)

My site targets a segment of society that cares about their health above all else.

But I see that I have not yet reached what I aspire to, I need more skills and apply what I studied well.

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



For Code Nation/TLM reference

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	