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ACHIEVEMENT EXEMPLAR 2022

3



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

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COMMON ASSESSMENT TASK

Level 3 Digital Technologies and Hangarau Matihiko 2022

91909 Present a reflective analysis of developing a digital outcome

Credits: Three

Achievement Criteria		
Achievement	Achievement with Merit	Achievement with Excellence
Present a reflective analysis of developing a digital outcome.	Present an in-depth reflective analysis of developing a digital outcome.	Present an insightful reflective analysis of developing a digital outcome.

Type your School Code and 9-digit National Student Number (NSN) into the space below. (If your NSN has 10 digits, omit the leading zero.) It should look like “123-123456789-91909”.

-91909

Answer ALL parts of the assessment task in this document.

You should aim to write **800–1500 words** in total.

Your answers should be presented in 12pt Times New Roman font within the expanding text boxes.

The only resource you may access during this assessment is your digital outcome for reference only. The three images you prepared in advance are the only information you may copy and paste into this assessment. No other internet access is permitted.

Save your finished work as a PDF file with the file name used in the header at the top of this page (“SchoolCode-YourNSN-91909.pdf”).

By saving your work at the end of the examination, you are declaring that this work is your own. NZQA may sample your work to ensure that this is the case.

INSTRUCTIONS

The task in this assessment requires you to discuss a digital outcome you have developed within the past 12 months. If you have developed an outcome as part of a team, you must only present aspects of the development process and outcome which you directly contributed to.

You must illustrate your answers with three images:

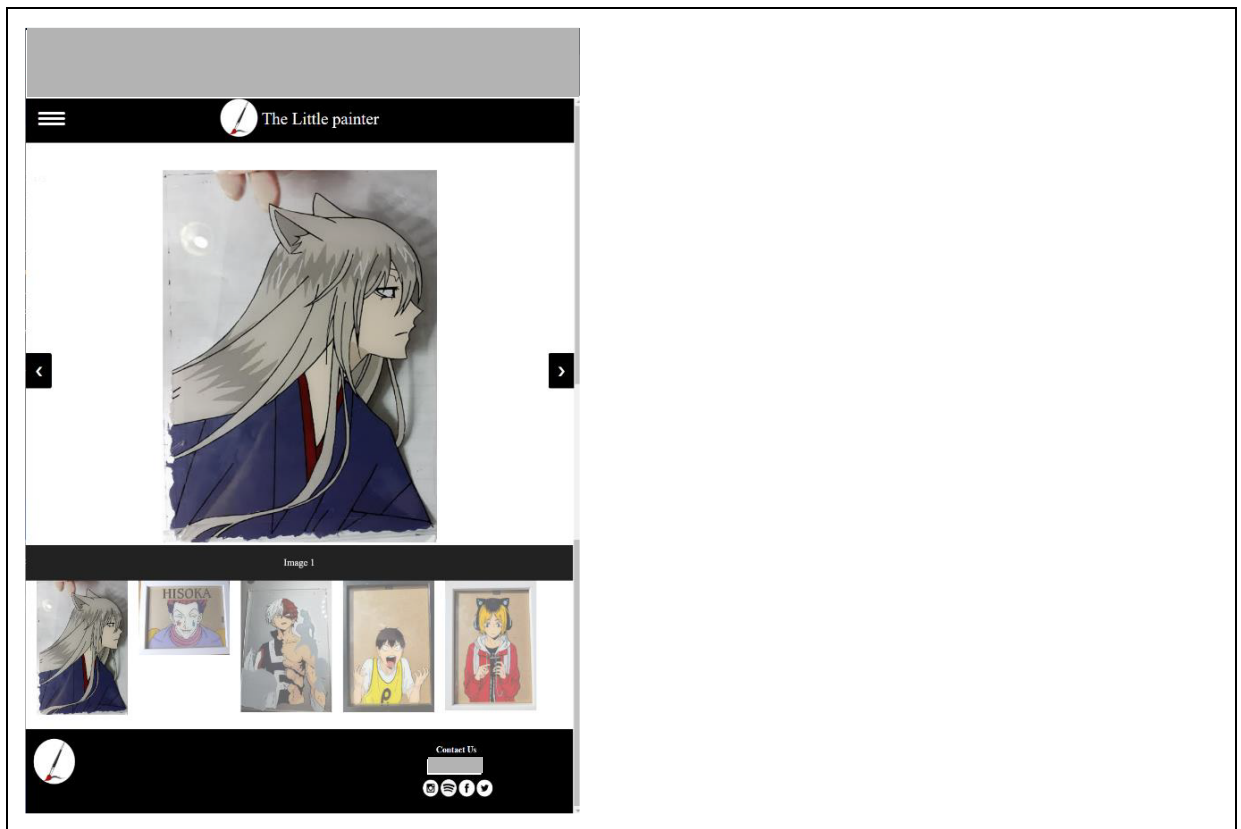
- a single image of the digital outcome
- a single image from your planning / development process
- a single image showing a relevant digital component of the outcome in the software you used.

During this assessment, you may access your digital outcome for reference only. The three images you prepared in advance are the only information you may copy and paste into this assessment. No other internet access is permitted.

Read all parts of the task before you begin. Do not repeat information in different parts of the task.

ASSESSMENT TASK

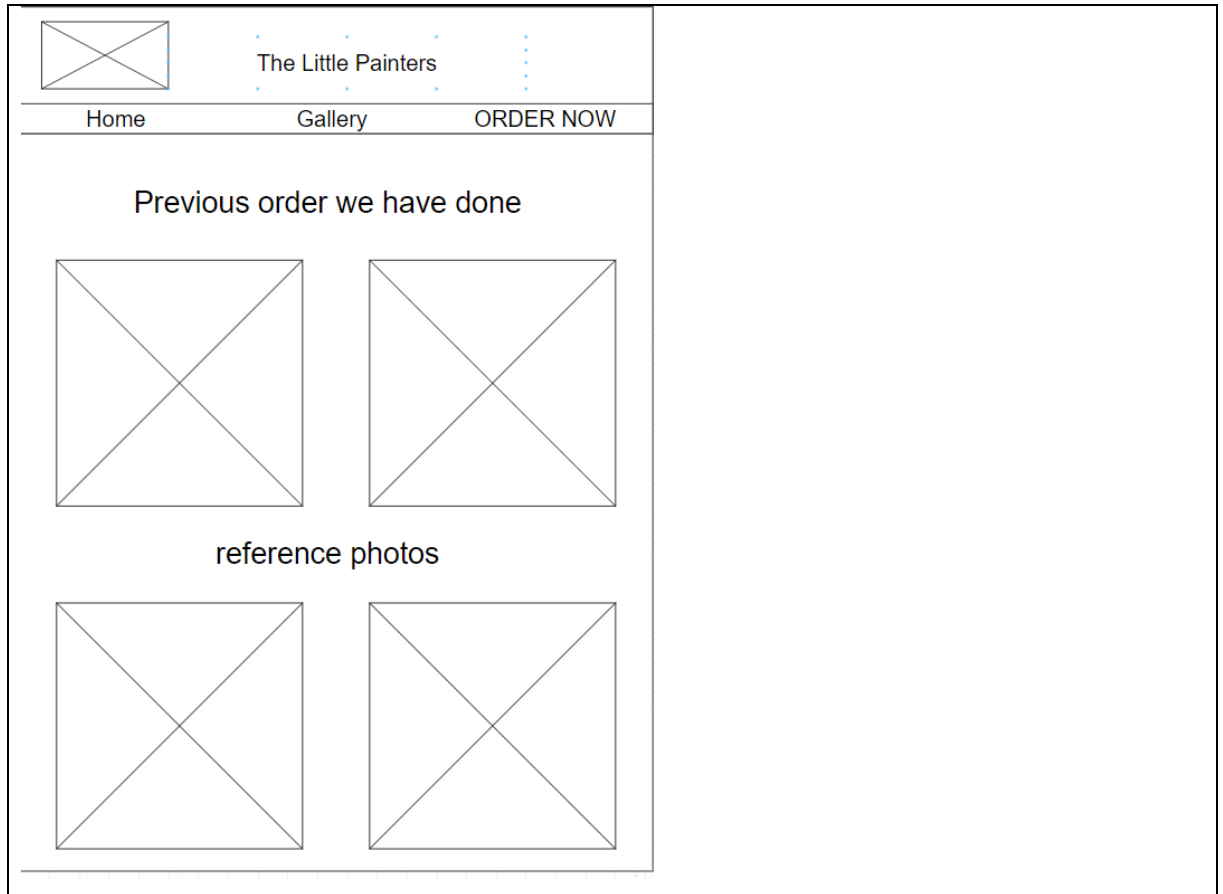
- (a) (i) Insert an image of your digital outcome.



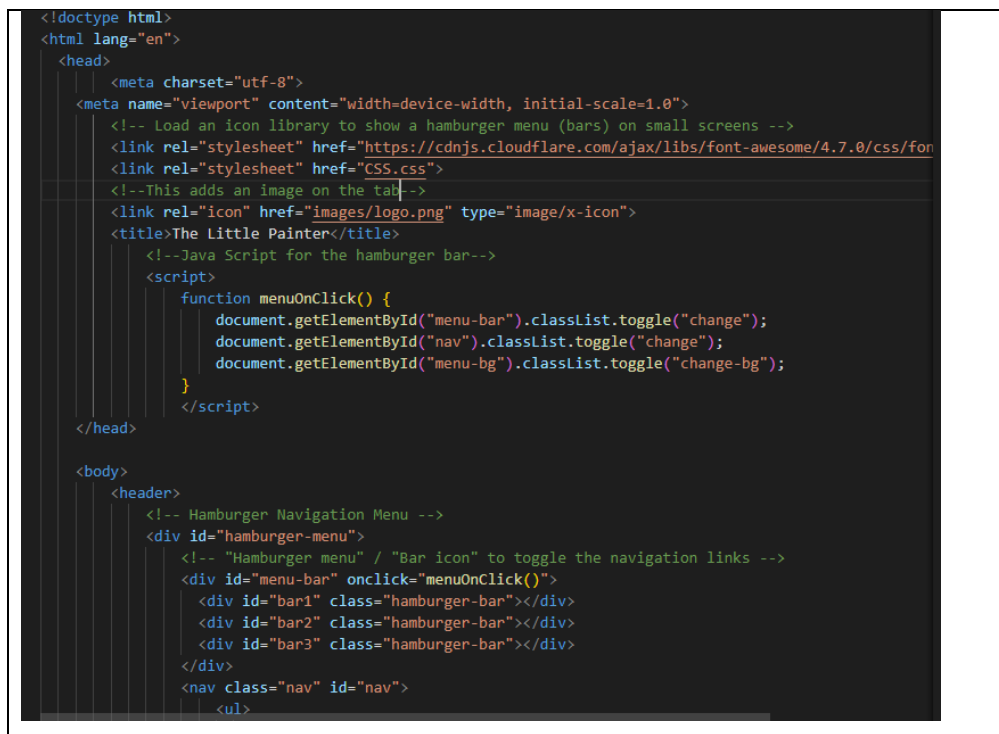
- (ii) Describe your digital outcome and explain its main characteristics.

My digital outcome is a website with a portfolio of images of my products and information about me and my business. My website was specifically designed for my stakeholders, The Little Painters, to be able to sell and advertise their business. made sure that the images and the text is responsive so that when the browser is shrunk, they shrink too, this also means that it will shrink to fit when opened on a phone which was one of the requirements. The end-users are those between the age 10-30 that have an interest in anime/cartoons and has an interest in custom Framed Custom Painted Glass (The Little Painters Product).

- (b) (i) Insert an image from your planning / development process.



- (ii) Insert an image showing a relevant digital component of the outcome in the software you used.



- (iii) During your development process, what decisions did you make about tools and techniques, and what aspects of the digital outcome did they influence?

I decided to have my pages designed with a hierarchy so that there will be structure and the most important things will stand out to the end-users first.

I decided to add a slide show with images of my product which made my website more functional and useable for the end-users while also making my website more aesthetically pleasing as it made the page look less cluttered and more organized.

Since one of my requirements is for the website to be designed for a phone, I decided to add a hamburger navigation bar, which improved the functionality of the pages and helped improve the accessibility of the website overall

I embedded a google form for pre-orders so that it would be more user friendly for the end-users since they can just fill out the form on the website and won't have to click a link get sent to a different tab to be able to fill it out

- (iv) Explain specific instances of how your selection of tools and techniques influenced or guided your development process.

When I added the slideshow the java script for the hamburger nav bar and the slideshow clashed, so I was forced to think outside the box and find a way for the slideshow to work without using a java script that would interfere with the nav bar. This problem caused delay in the development process, but I was able to find a solution to my problem on w3schools.

- (c) (i) What decisions did you make about end-user considerations, and what aspects of the digital outcome did they influence?

My original colour theme was light blue, dark blue, black and white, however my end-user didn't like the colour theme at all and preferred if I changed the colour theme to something else that was more modern looking. So, I changed my colour theme to black and white with a little bit of red, this decision influenced my outcome by greatly improving the aesthetics and usability of the website. This decision increased the readability which also improved how user-friendly my website is.

My end-user suggested adding a slideshow instead of having the images displayed in a grid structure on the page. Having my images in a slide show increased the functionality and usability of the page as it made the page less cluttered and more user-friendly to use and navigate

My end-user suggested Adding the about us page to make the website more personal so the user would feel more welcomed.

- (ii) Analyse how your decisions about end-user considerations influenced or guided your development process. Use specific examples to support your answer.

By changing the colour theme the development process was delayed by only short amount of time while adding an extra page in my website delayed the development process by a few days.

Adding the slideshow may have caused some delay in the development process due to the clash in the java script but I think it improved the development process as I didn't have to waste time making sure my images are the correct size or the layout of where each image would go.

- (d) (i) Explain specific instances in which stakeholder feedback influenced aspects of the digital outcome.

The stakeholders feedback influenced how most of the website is structured as the original wireframes I made for planning of the website is designed around there needs. The stakeholder has given me feedback on how they want a hierarchy structure and what they want written on each page.

- (ii) Analyse how specific instances of decisions you made in response to stakeholder feedback influenced or guided your development process.

My stakeholder's feedback has guided me through the development process by telling me what they want for the design of the website and what the layout will look like. The stakeholder's feedback has helped me understand what I need to make and design which helped guide me through the development process.

- (e) (i) Explain in detail some things you learnt, and / or skills you acquired, during the development of the outcome.

During development of the outcome, I have learnt how to make a Slideshow, a hamburger nav bar and how to embed google forms into my website. I was able to learn how to make a slideshow by following the example on w3schools, I was also able to gain some knowledge about the hamburger navigation menu on w3schools, however most of my knowledge about the hamburger navigation menu come from information I was provided with from my teacher.

- (ii) Explain in detail how these specifically impacted upon the development process.

Being able to learn how to create a slideshow and hamburger navigation menu was crucial to the development process as without these skills I wouldn't have been able to finish my website.

Reflective analyses

In this section you are required to write critical evaluations of both the positive aspects and potential issues with your development process and your outcome. Expanding on these critiques, you will provide clear suggestions as to how you might improve both.

- (f) (i) Explain both positive aspects and potential issues caused by specific decisions you made in your development process.

My decision to add a slideshow increased the functionality and usability of the page as it made the page less cluttered and more user-friendly to use and navigate which also increased the aesthetics of the website making it look more organized. However, when I added the slideshow the java script for the hamburger nav bar and the slideshow clashed, so I was forced find a way for the slideshow to work without using a java script that would interfere with the nav bar. This problem caused delay in the development process, but I was able for find a solution to my problem on w3schools. Which didn't interfere with my hamburger nav bar.

- (ii) Explain both positive aspects and potential issues of your outcome which were caused by specific decisions you made.

Embedding a google form for pre-orders into my website made it more user friendly for the end-users since they can just fill out the form on the website and won't have to click a link get sent to a different tab to be able to fill it out. However, since it's a google form, it doesn't work on some browsers making it less accessible. To improve this next time, I can try to find a form that works on all browser that isn't a google form.

- (iii) What relevant and important changes could have been made to improve your development process? You must justify your response.

Even though I was able to get everything done on time, I think using an application such as asana to help me organize my time by having set task with set dates laid out so that I can stay on track and get things done within the timeframe needed would help me improve.

- (iv) What relevant and important changes could have been made to improve your outcome? You must justify your response.

I could add an order now button on the gallery page so that all pages have one, making it easier for the user to navigate the website. I could add sound onto my website. E.G., when the user hovers over some text or a button it reads out what is written. This would make my website more user-friendly and improve accessibility for those who may have difficulties with reading such as those with dyslexia.

Achievement Exemplar 2022

Subject	Digital Technologies and Hangarau Matihiko Level 3	Standard	91909	Total score	04
Q	Grade score	Annotation			
1	A4	<p>The candidate submitted work describing a suitable outcome that would have scope for a level 3 student (see parts a (i) and a (iv)). The submission includes relevant stakeholder feedback and end-user considerations (b (iii) and c (i)). There are some tools and techniques described in b (iii) and b (iv).</p> <p>The candidate describes the structure of the website and colours. The colour comments are weak for level 3. There are repetitive comments about the use of a google form and the clashing of the nav bar and slideshow.</p> <p>To move to Merit the candidate would need to add more detailed information about different tools and techniques and extend descriptions into explanations with analysis.</p>			