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91899   EVENT 2, 14–18 OCTOBER

NZQA | Mana Tohu Mātauranga o Aotearoa
New Zealand Qualifications Authority

COMMON ASSESSMENT ACTIVITY

Level 2 Digital Technologies and Hangarau Matihiko 2024

91899 Present a summary of developing a digital outcome

Credits: Three

Achievement	Achievement with Merit	Achievement with Excellence
Present a summary of developing a digital outcome.	Present an in-depth summary of developing a digital outcome.	Present a comprehensive summary 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 '123-123456789-91899'.

SchoolCode-YourNSN-91899

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 Verdana font within the expanding text boxes.

The only resources you may access during this assessment are the three images you have prepared in advance. Access to your digital outcome, online or paper resources, and the Internet, is not 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-91899.pdf').

By saving your work at the end of the assessment, 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.

You must illustrate your answers with three images you have prepared in advance:

- a single image of the digital outcome (e.g. a website, a poster, an electronic device)
- a single image of a digital component of the outcome in the software used to create it
- a single image of the development process.

During this assessment, you may access only the three images you have prepared in advance. You may not access your digital outcome, any other online or paper resources, or the Internet.

If you developed your digital outcome as part of a group, you must write about your role and specific contributions to the project.

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

Candidates must complete their assessments individually under teacher supervision, in accordance with the NCEA Assessment and Examination Rules and Procedures. The material submitted for assessment must be the candidate's own work.

Candidates are not permitted to access any resources (either in hard copy or online) other than those supplied in the assessment itself.

Schools, teachers, and candidates are not permitted to share or discuss the assessment or their assessment responses with any other schools, teachers, or candidates until after the final date for submission (30 October 2024).

The use of chatbots, generative AI, paraphrasing tools, or other tools that can automatically generate content is not permitted and material generated by these tools should not be submitted as part of the candidate's work.

(Assessment Specifications, NZQA 2024)

ASSESSMENT TASK

Name the type of digital outcome you created (i.e. website, app, magazine, animation, etc.)

I created a website about helping your
mental health

Development process

(a)   Insert the image of your development process that you have prepared.

Research and design

(b)   Based on your research and/or design(s), identify and explain a key decision you made about
the direction of your digital outcome and its development.

The direction I had aimed for while creating this website was to be pointed toward to those that
struggle with mental health problems. This website was made with easy access buttons and
layouts making it easier for the viewer to search around as it provides information that would be
helpful towards improving peoples mental health / mindset to become more healthier and
controllable to cope with, This information has been given through a structured list each on a
individual page about what the people might need to know.

Development

(c) (i) Insert the image of your software's digital component that you have prepared.

(ii) Name the primary software that you used to develop your outcome.

Viusal Studio Code

(iii) Based on the primary software named in (ii) above, identify one of the software tools you used, and explain the techniques you used to create an aspect of your digital outcome.

One of the tools that I used in VSC was the save drive because before I starting using VSC I was on W3shools writing all my codes on there. But this made me have to rewrite all the codes each time I would log back in which wasted a lot of my time. I then moved on to VSC and realised how much time I could've saved as it would save all my codes in any variation of them after every period but I only had a little time left to finish it as I found out about VSC a little late into the year.

(iv) Name one of the most important requirements of your digital outcome.

Correct Information

(v) Based on the requirement named in (iv) above, discuss what you had to undertake to meet this requirement, giving specific details about how you implemented this in your digital outcome.

To meet this requirement I did a lot of research to find information about each segment I had on my website but I also needed to find out if the information wasn't fake. I then would compare the informations Ive found all different websites to see if the information I have collected is some what identical to what the other websites information said. I would then take all the information that were similar to each other and use them as I knew that more than one website says something similar about my topic

(vi)   Name a different requirement to question (iv) that was heavily influenced by feedback.

Design

(vii)   Based on the requirement named in (vi) above, answer the following:

- What was a digital component that related to this requirement?

- Who did you receive feedback from?

- Discuss changes you made to this digital component, based on feedback received; give specific examples, including details of who you received feedback from.
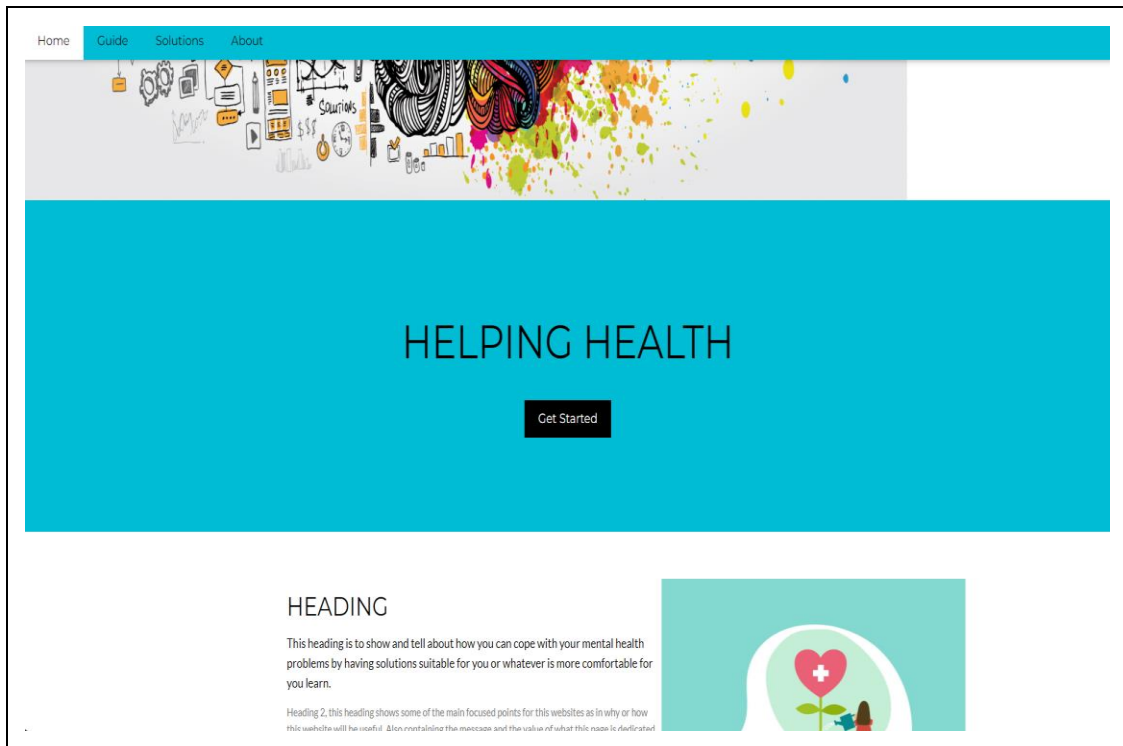
  A 'component' is a smaller part of the outcome.

(viii)   Discuss the cultural and/or ethical implications you considered during the development, and how you addressed this in your digital outcome.

I received feedback from my teacher telling me to change my layout around including the navigation bar as it be resolve in a easier way of being able to use my website. He also mentioned to used w3schools to learn how to create a navigation bar which is what I did and ended up with a easy access navigation bar showing the viewer the information I have on what shows on the bar. He also suggested in changing the colour of my website that would realte to my topic about mental health. He showed me a way of doing this by researching on what colours relate to mental health which ended being a few but I landed on and cyan blue and once I learned how to change the colours my website looked more approachable which helped out a lot.

Testing and evaluation of final outcome

(d) (i) Insert the image you prepared of your finished outcome (what the end user sees).

(ii) Explain your final digital outcome – the purpose of it, how it looks, how it works, where it is used, and who uses it.

> The purpose of how it looks is to attract the viewer and to make them feel more comfortable while researching throughtout my website. The four buttons on the top has its own individual page providing information about what you need to know about mental health, what you can do to help your mental health and ways you could do this in your own time. Also including information about the website itself meaning the creator etc. This website is for those who have a hard time coping with mental issues of their own and are in need of how they can control it in a peaceful manner.

(iii) Identify one of the key digital components that required testing. Explain the process you undertook for testing this, and evaluate the impact the testing had on the digital outcome.

> I had to test if the buttons on the navigation bar to see if it'll work and as many time as I recoded the coding I always find myself not being able to change it which was a problem until a classmate helped me with the coding. It took a long process to get it done but during the testing to see if it'll work It would glitch and not change even if the coding was correct. This led me to restart and refresh the coding which ended up elping as I tested the buttons again it starting to work which was a big relief before the final outcome.

(iv) When considering your final outcome, provide an evaluation of the overall performance and discuss specific examples of what this conclusion is based on.

> The overall performance wasn't what I planned it to be as it had its easy bit and its hard bits of creating this website. But it was good enough for what I was able to do in the short amount of time I had due to switching over to visual studio code. It come to the conclusion that it wasn't really ready but had enough information, design, and hard work put in to it that it was enough to be able to have others to view it.

(v) Look now at the entire development process of your digital outcome and consider what you could have done differently.

- Identify which stage of your development process you would change next time (can be from one named in this paper, or another).

- Discuss what you did and what you would now change.

- Discuss how making those changes would impact your final digital outcome.

> If I had started my website on visual studio code or google drive I could have saved a lot of time in terms of rewriting the codes multiple times. Visual studio code saved and put away all versions of my website from when I started using it. I learned about Visual studio code from my teacher but it was very late during the development process so I had only a short amount of time to rewrite all my codes and restart my website. I could have saved time as well if I had known "How to create a navigation bar" way before starting the acualt website. I learned how to use codes and easier ways to create one the same way I learned about what a navigation bar and codes were. I could have completed more of my website such as fixing my navigation bar adding more pictures and sorting out the designs that were mulfuctioning. And if I had made all these changes it would have resulted in a good website ready to be uploaded for people to see.