

91899 SESSION A, 11–15 SEPTEMBER



Mana Tohu Mātauranga o Aotearoa
New Zealand Qualifications Authority

COMMON ASSESSMENT TASK

Level 2 Digital Technologies and Hangarau Matihiko 2023

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 10pt 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 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 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.

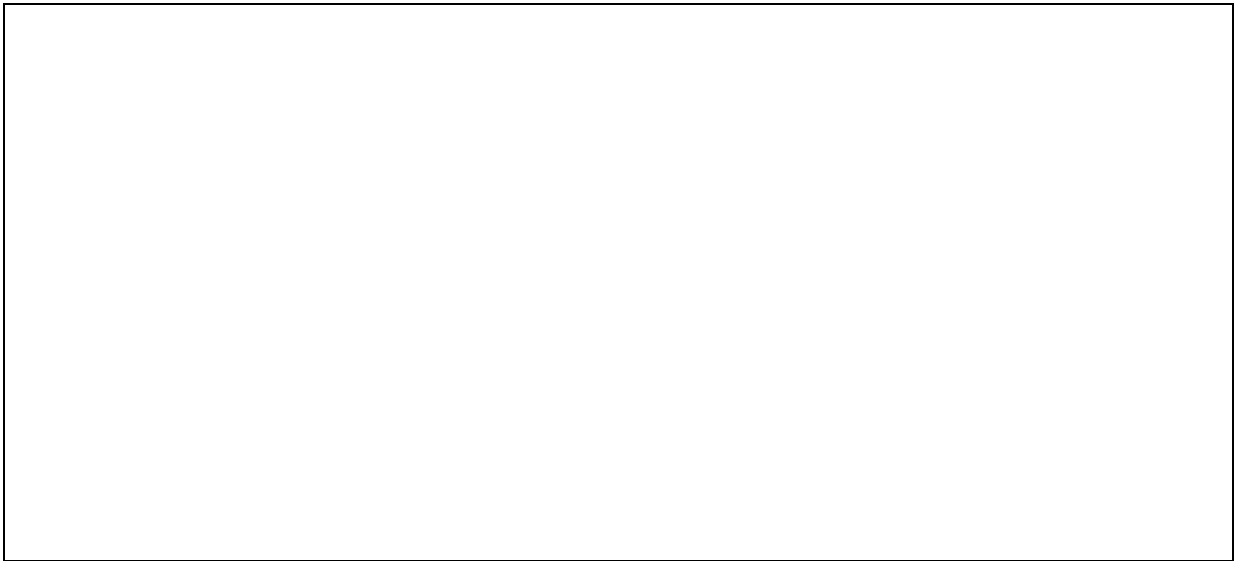
If you developed your digital outcome as part of a group, you must write about your role and specific contributions to the project.

Read all parts of the task before you begin.

ASSESSMENT TASK

Your outcome

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



- (ii) Briefly describe the purpose of your digital outcome.



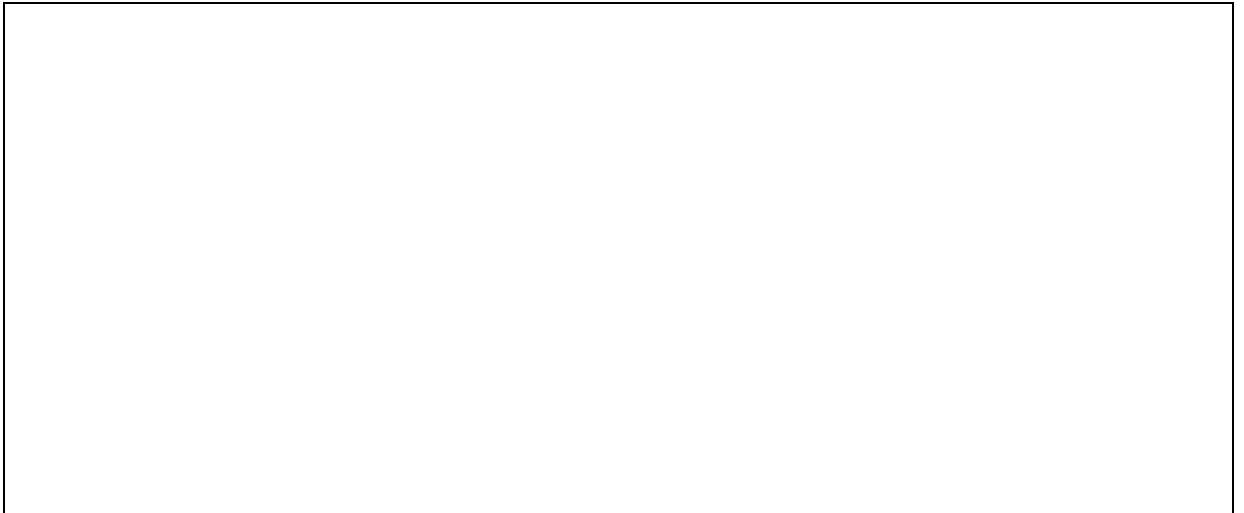
- (iii) Insert the image you prepared of a digital component of your outcome in the software used to create it.



- (iv) What software did you use to create the digital component of your outcome?



How did you use your chosen software to create the digital outcome?



(v) What is a requirement you had that related to the **functionality** of your digital outcome?

In your answer you should:

- explain why the requirement was important
- explain how you addressed the requirement in your digital outcome
- provide specific examples.

Requirement:

Response

(vi) What is a requirement you had that related to the **aesthetics** of your digital outcome?

In your answer you should:

- explain how you achieved the requirement when developing your digital outcome
- provide specific examples.

Requirement:

Response

(vii) Discuss how you addressed **intellectual property** within your digital outcome.

In your answer you should:

- explain what you have done to address intellectual property within your outcome
- explain how this will benefit your outcome in the future.

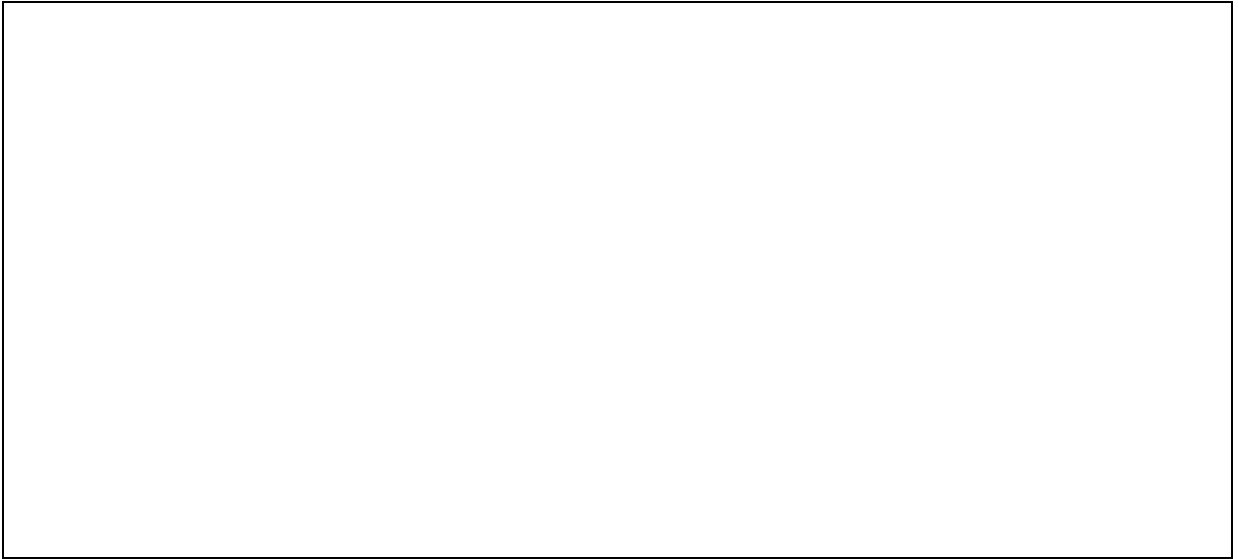
(viii) Explain how **end user feedback** contributed to your outcome.

In your answer you should:

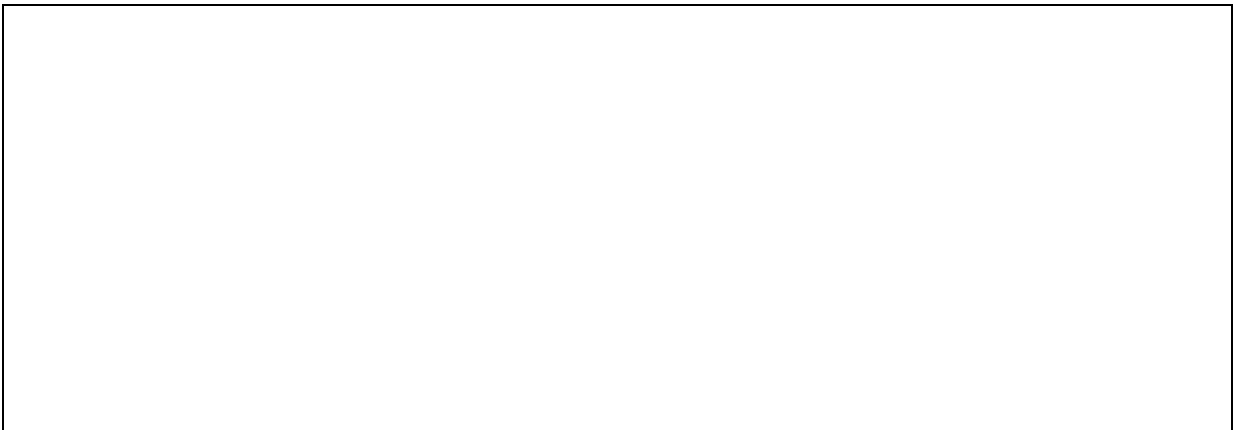
- explain who your end user was
- discuss the feedback they provided
- explain how the feedback contributed to your outcome.

Development process

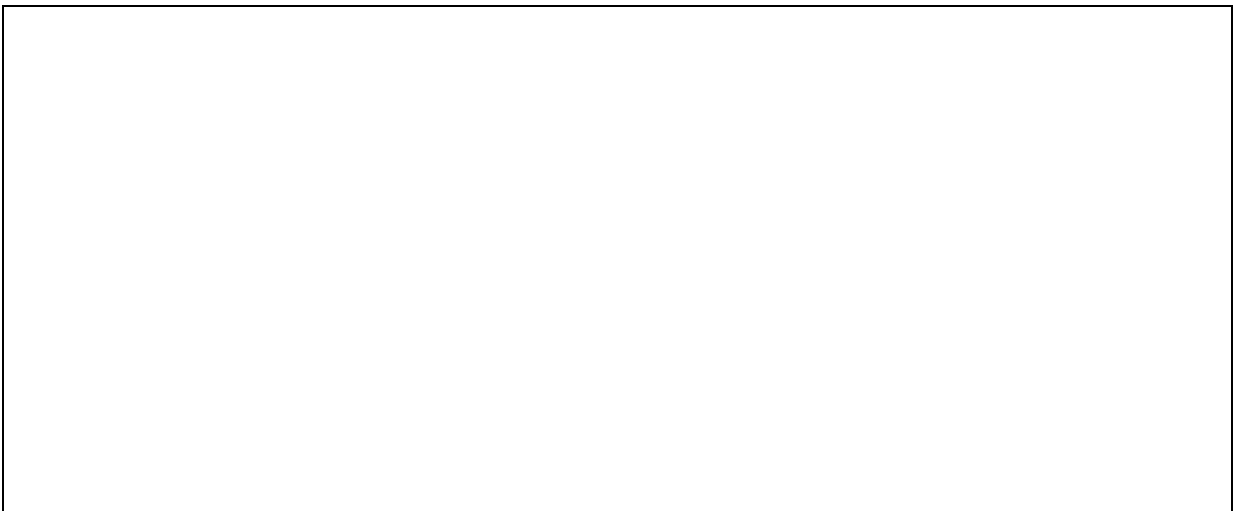
(b) (i) Insert the image you prepared of your development process.



(ii) Describe 3–5 key stages in your development process.



(iii) Explain one of the most important decisions you made during your development process and how it had a positive effect on your digital outcome.



- (iv) Explain one of the decisions you made based on **testing and trialling** during your development process. This decision must be different from the one you discussed in part (b) (iii).

- (v) Explain how the decisions discussed in parts (b) (iii) and (b) (iv) **influenced** your digital outcome.

In discussing the influences, you should:

- discuss how well these decisions were carried out
- explain how they affected or impacted your outcome
- discuss their flow-on effects.

(vi) What changes would you make to improve your development process?

In your answer you should:

- explain how these changes could improve the quality of your outcome
- provide specific examples to support your answer.