



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

QUALIFY FOR THE FUTURE WORLD
KIA NOHO TAKATŪ KI TŌ ĀMUA AO!

COMMON ASSESSMENT TASK

Level 2 Digital Technologies and Hangarau Matihiko 2022

91899 Present a summary of developing a digital outcome

Credits: Three

Achievement Criteria		
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 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-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 should 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 showing a relevant digital component of the outcome in the software used to create it (e.g. the HTML / CSS for a website, the “layers” view of a poster, source code, a CAD / CAM file)
- a single image of the planning / development process (e.g. agile development, a planning chart).

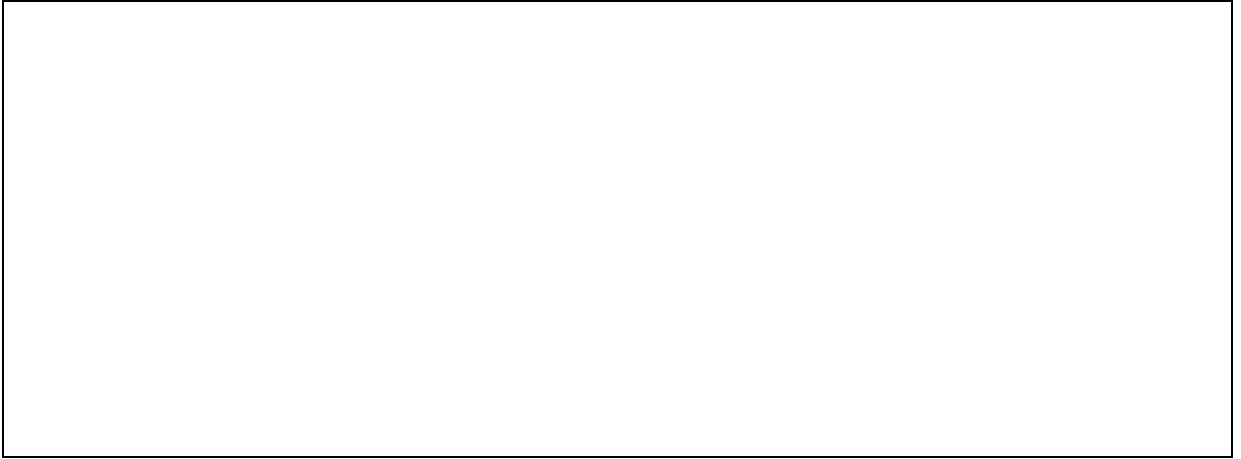
During this assessment, you may access your digital outcome for reference only. The three images you prepared in advance are the only information you may copy and paste into this assessment. No other internet access is permitted.

Read all parts of the task before you begin.

ASSESSMENT TASK

Your outcome

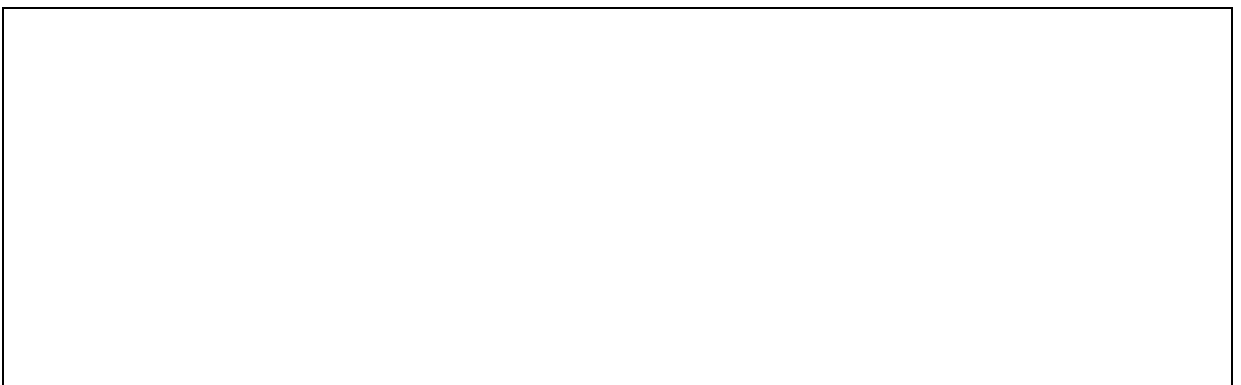
- (a) (i) Insert the image you prepared of the digital outcome (e.g. a website, a poster, an electronic device).



- (ii) Explain the purpose of your digital outcome.



- (iii) Describe what your digital outcome looks like and how it works.



- (iv) Insert the image you prepared of a relevant digital component of the outcome in the software used to create it (e.g. the HTML / CSS for a website, the “layers” view of a poster, source code, a CAD / CAM file).



- (v) What software did you use to create the digital components of your outcome? How suitable was this software? You may include more than one software in your answer.



(vi) What were the TWO most important requirements of your digital outcome?

In your answers you should:

- explain what the requirements were
- explain why they were important
- explain how you implemented these requirements
- give specific examples of how these link to the digital components.

Requirement 1:

Response

Requirement 2:

Response

(vii) What were TWO relevant implications you chose from legal, future-proofing, or end-user considerations?

In your answers you should include:

- why the implication could impact your outcome
- what you included in your outcome to address the implication.

Relevant implication 1:

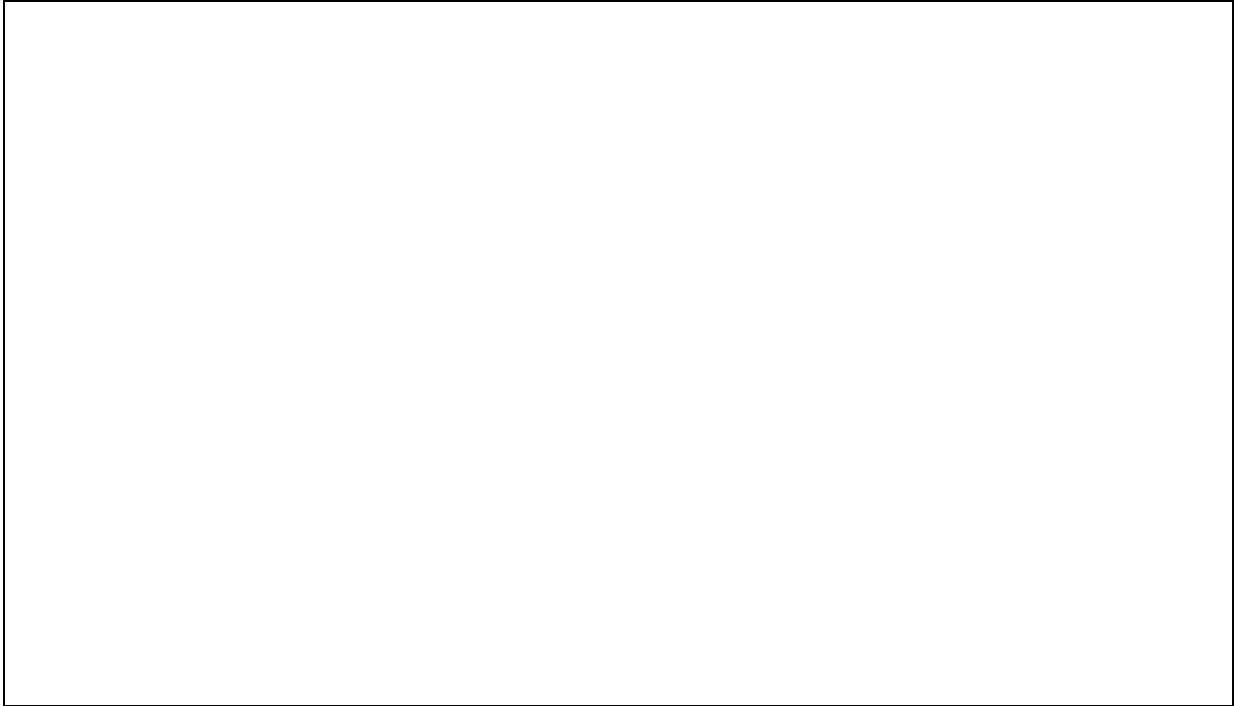
Response

Relevant implication 2:

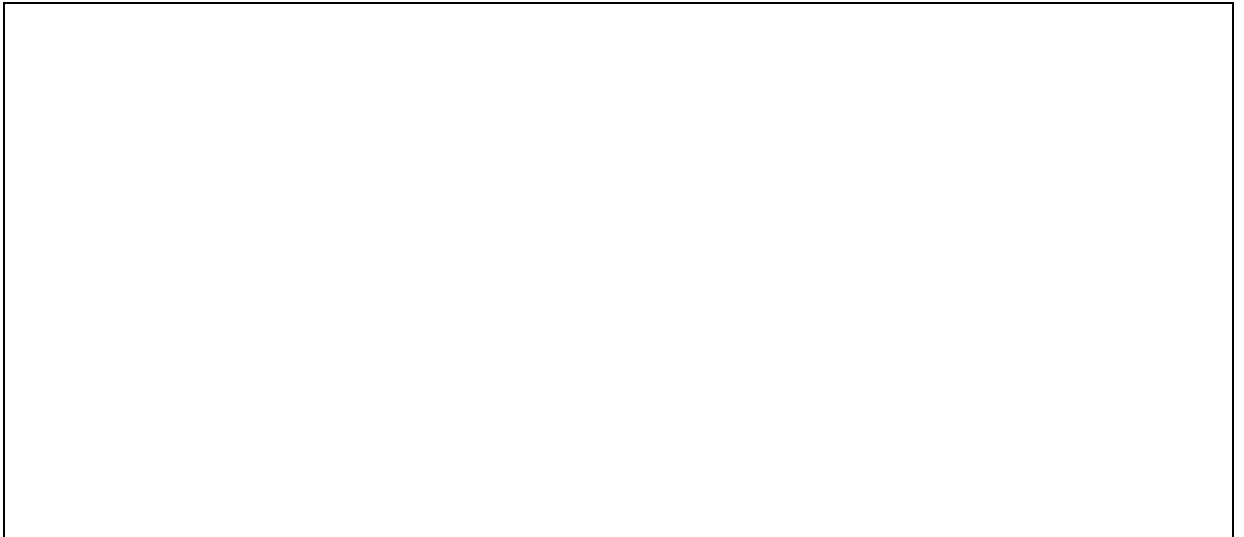
Response

Development process

- (b) (i) Insert the image you prepared of your planning / development process (e.g. agile development, a planning chart).



- (ii) Briefly explain each stage of your development process.



- (iii) Explain TWO decisions you made during your development process and judge how well each decision was carried out. Explain how they affected / impacted your outcome.

Choose your TWO decisions from the list below:

- which experts to work with (when and why)
- how you project-managed your project
- the design process you followed
- the testing and trialling you did with certain people or groups
- specific tools and techniques used within the software chosen to develop the digital component.

Decision 1:

Response

Decision 2:

Response

- (iv) Based on what you learnt through the decisions discussed above, explain and justify what changes you would make to your development process, and how these changes could further improve the quality of your outcome.

A large, empty rectangular box with a thin black border, intended for the student to write their response to question (iv). The box is currently blank.