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91909 SESSION A, 11–15 SEPTEMBER

NZQA | Mana Tohu Mātauranga o Aotearoa
New Zealand Qualifications Authority

COMMON ASSESSMENT TASK

Level 3 Digital Technologies and Hangarau Matihiko 2023

91909 Present a reflective analysis of developing a digital outcome

Credits: Three

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`".

`SchoolCode-YourNSN`-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 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-91909.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 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 present only aspects of the development process and outcome to which you directly contributed.

You must illustrate your answers with three images:

- a single image of the digital outcome
- a single image of the planning process
- a single image showing a relevant digital component of the outcome in the software used to create it.

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.

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

ASSESSMENT TASK

Your outcome

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

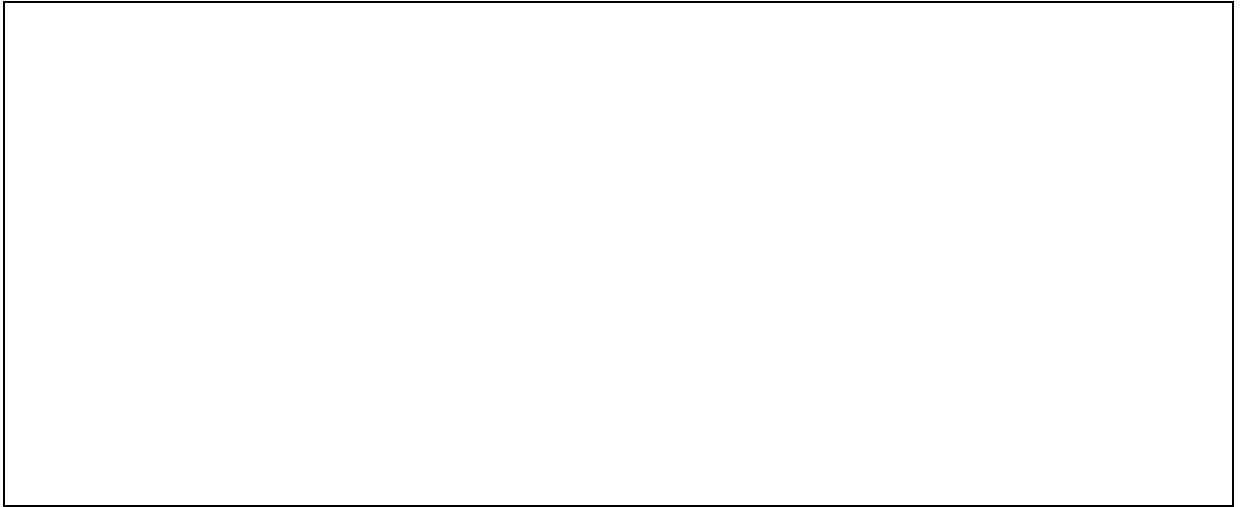(ii)   What is the purpose of your digital outcome?

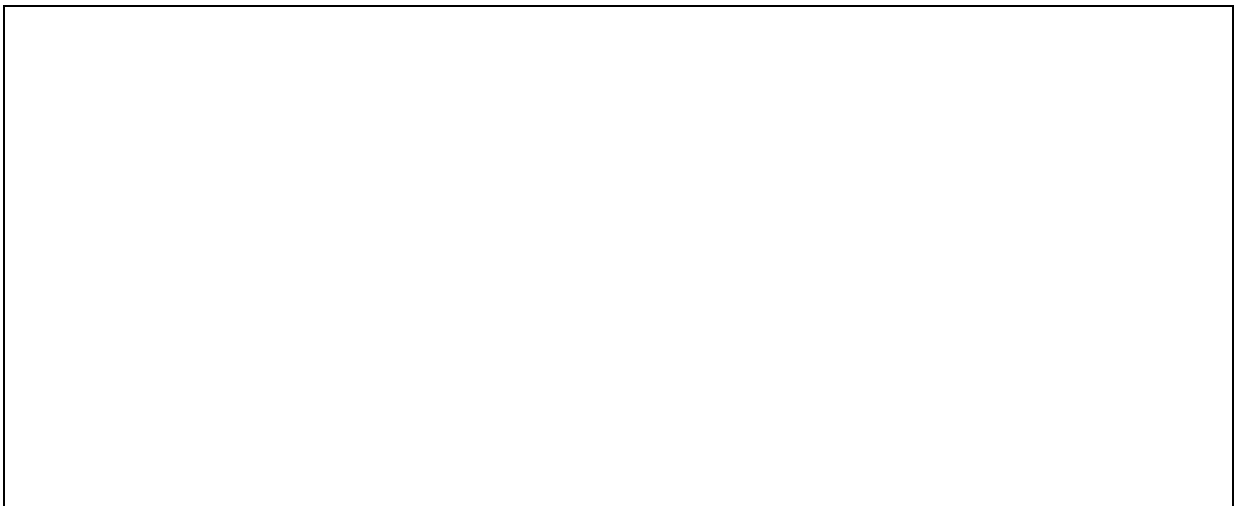(iii)   What are the main characteristics of your digital outcome?

Development process

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

      (ii)   Insert an image of a digital component of your outcome in the software you used to create it.

(c) (i) Explain how the software you used to develop your outcome satisfied key decisions you made about the tools and techniques required.

(ii) What aspects of your digital outcome did these decisions influence?

(d)   (i)   Who were your end users?

(ii)   What was a specific requirement that your end users requested? Explain how you implemented this requirement in your outcome.

(e)   (i)   Who was an influential stakeholder?

(ii)   Explain how a specific piece of their feedback influenced your development process.

(f)   (i)   What is a new skill you acquired, and how did it improve your development process?

(ii)   Explain something you learnt (new knowledge or understanding) and how it improved your development process.

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 outcome. Expanding on these critiques, you will need to provide clear suggestions as to how you might improve both.

(g)   In the development of your outcome, implications needed to be considered.
      These included:

- cultural issues
- legal issues
- ethical issues
- issues relating to intellectual property
- issues relating to sustainability
- issues relating to privacy

- issues relating to accessibility
- issues relating to usability
- issues relating to functionality
- issues relating to aesthetics
- end user requirements
- health and safety issues.

Evaluate how TWO of the implications from the list above influenced your decision-making during your development process.

(h) (i) What development process did you follow, and how did it impact your outcome?

(ii) What changes could you have made to improve your development process?

(iii)   Evaluate how well your final outcome met your initial objectives. Support your answer by providing specific examples.

(iv)   What changes could you have made to improve your final outcome? Justify your answer.