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91899 EVENT 2, 14–18 OCTOBER

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| COMMON ASSESSMENT ACTIVITY |
| Level 2 Digital Technologies  and Hangarau Matihiko 2024  91899 Present a summary of developing  a digital outcome |

Credits: Three

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| 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’.

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| 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.

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| 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.)

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**Development process**

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

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**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.

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Development

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

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

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(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.

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

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(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.

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

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(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.

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Testing and evaluation of final outcome

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

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

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(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.

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

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(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.

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