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NZQA
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 3 Digital Technologies and Hangarau Matihiko, 2021

91909 Present a reflective analysis of developing a digital outcome

Credits: Three

Achievement Criteria		
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 between **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 (including any images of this that you prepared in advance). Internet access is not permitted.

Save your finished work as a PDF file as instructed by your teacher.

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 have developed within the past 12 months.

You may illustrate your answers with up to THREE images:

- a single image of the digital outcome (e.g. a website; a poster; an electronic device)
- a single image of the planning process (e.g. agile development; a planning chart)
- a single image of the digital components of the outcome (e.g. the HTML / CSS for a website; the "layers" view of a poster; the code for an electronic device).

You may also quote short pieces of relevant information from the digital outcome in your answers.

Read all parts of the task before you begin.

ASSESSMENT TASK

(a) (i) Briefly describe your digital outcome, and explain its intended purpose or function.

(ii) At the beginning of the development process you had to make decisions about:
- the needs of the end-user(s) that you planned to address
- the tools and techniques to use
- stakeholder(s) to involve.

Comment on how the results of your decisions can be seen in the final outcome.

(iii) Did you have to change any of these decisions during the development process? Explain why.

(b)   (i)   Explain how you were influenced by at least TWO of the following factors during the development process:

- accessibility
- usability
- aesthetics.

      (ii)   How can the influence of these factors be seen in your final outcome?

      (iii)   During the development process, you will have gained:

- skills in the use of tools and techniques
- a better understanding of the needs of the end-user(s) and stakeholder(s).

Explain how these helped you to make a better final outcome.

(c)   In what ways could the digital outcome have been improved? What would you have had to do differently during the development process to make these improvements?