

**Assessment Schedule – 2022****Digital Technologies and Hangarau Matihiko: Present a reflective analysis of developing a digital outcome (91909)****Assessment Criteria**

<b>Achievement</b>	<b>Achievement with Merit</b>	<b>Achievement with Excellence</b>
<p><i>Presenting a <b>reflective analysis</b> of developing a digital outcome involves:</i></p> <ul style="list-style-type: none"> <li>• explaining the digital outcome that was developed</li> <li>• linking the outcome's characteristics to decisions made in the development process, referring to:               <ul style="list-style-type: none"> <li>- selection of tools and techniques used to develop the outcome</li> <li>- the influence of stakeholder feedback.</li> </ul> </li> </ul>	<p><i>Presenting an <b>in-depth reflective analysis</b> of developing a digital outcome involves:</i></p> <ul style="list-style-type: none"> <li>• analysing how decisions made affected the development process, referring to:               <ul style="list-style-type: none"> <li>- selection of tools and techniques used to develop the outcome</li> <li>- the influence of stakeholder feedback.</li> </ul> </li> <li>• explaining how new knowledge and skills guided the development process.</li> </ul>	<p><i>Presenting an <b>insightful reflective analysis</b> of developing a digital outcome involves:</i></p> <ul style="list-style-type: none"> <li>• critiquing the outcome and the development process and reflecting on what could have been done differently.</li> <li>• drawing conclusions about the outcome and / or development process.</li> </ul>

**Cut Scores**

<b>Not Achieved</b>	<b>Achievement</b>	<b>Achievement with Merit</b>	<b>Achievement with Excellence</b>
0 – 2	3 – 4	5 – 6	7 – 8

Task part	Evidence	Achievement	Achievement with Merit	Achievement with Excellence
(a)	Describes the digital outcome. Image can be used to support the answer but is not required. The outcome must be sufficiently complex and at an appropriate curriculum level.	Provides clear, detailed explanation about specific characteristics or attributes of the outcome. These may be identified in later responses as well.		
(b), (c), (d)	<p>Answers all three sections (the selection of tools and techniques, the ways of addressing implications and end-user considerations, and the influence of stakeholder feedback).</p> <p>Answers need to indicate that the outcome is authentic and genuine (and not of contrived practice).</p> <p>Some students will make electronics outcomes, these are valid.</p>	<ul style="list-style-type: none"> <li>• Explains specific instance of how the selection of tools and techniques impacted / guided the outcome.</li> <li>• Explains specific instance of how decisions to do with end-user considerations impacted / guided the outcome.</li> <li>• Explains specific instance of how decisions based on stakeholder feedback impacted / guided the outcome.</li> </ul>	<ul style="list-style-type: none"> <li>• Explains specific instance of how the selection of tools and techniques impacted / guided the development process.</li> <li>• Explains specific instance of how decisions to do with end-user considerations impacted / guided the development process.</li> <li>• Explains specific instance of how decisions based on stakeholder feedback impacted / guided the development process.</li> </ul>	
(e)	Identifies new knowledge or skills acquired during the development process and how they affected the development of the digital outcome.		Explains new knowledge or skills that they have acquired through the development of the digital outcome.	
(f)	<p>Describes improvements which are not minor or superficial.</p> <p>There is sufficient evidence that the student understands why a change will have an effect.</p>			<p>Makes reflective comments about both the development process and the outcome that show serious thought and consideration.</p> <p>There are justifications about how the development process and the outcome might be improved and how the provided specific, non-trivial ideas would improve it.</p>

**Evidence**

N1	N2	A3	A4	M5	M6	E7	E8
<p>Selects only one decision OR Selects two decisions but both have limited links to the digital component.</p> <p>Answers are not linked to the digital component.</p> <p>Outcome is made with no underlying development process.</p>	<p>Selects two decisions but at least one answer has limited links to the digital component.</p> <p>Lists but does not explain answers.</p> <p>Displays limited understanding of development process.</p>	<p>Understands links between the outcome and decisions made in their development process.</p> <p>Answers may have a few errors.</p> <p>Explains outcome, but explanation may be clumsy.</p> <p>Identifies links between their outcome and their development process, but links may be clumsy.</p> <p>Some aspects of the response may be partial or weak.</p>	<p>Clearly understands and can identify links between the outcome and decisions made in their development process.</p> <p>Clearly links to digital components.</p> <p>Evidence of an effective development process and an outcome that is sufficiently complex to require a development process.</p> <p>Answers correctly with complete explanations.</p>	<p>Analyses by comparing and contrasting different decisions and discusses the effects (realised or not) on the outcome.</p> <p>Explains new knowledge and skills, but links to development process are weak.</p> <p>Skills and knowledge responses must be curriculum level appropriate.</p> <p>Some decision analysis of the response may be partial or weak.</p>	<p>Analyses by comparing and contrasting different decisions and discusses the effects (realised or not) on the outcome.</p> <p>Analysis is well-considered and relevant to developed outcome. Strong links to development process.</p> <p>Skills and knowledge responses must be curriculum level appropriate.</p>	<p>Identifies aspects of their development process which could be improved.</p> <p>Understands and critiques how changes could be implemented to improve both their development process and their outcome.</p> <p>Conclusions draw from a sufficiently complex and curriculum level appropriate outcome.</p> <p>Clearly links to the digital components of the outcome.</p> <p>Some conclusions and critiques may be partial or weak.</p>	<p>Identifies aspects of their development process which could be improved.</p> <p>Understands and critiques how changes could be implemented to improve both their development process and their outcome.</p> <p>Conclusions draw from a sufficiently complex and curriculum level appropriate outcome.</p> <p>Clearly links to the digital components of the outcome.</p>

**N0** = No response; no relevant evidence.