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COMMON ASSESSMENT TASK

Level 2 Digital Technologies and Hangarau Matihiko 2020

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 header at the top of this page. (If your NSN has 10 digits, omit the leading zero.)

Answer all parts of the assessment task in this document.

Your answer should be presented in 12pt Arial font, within the expanding text boxes, and may only include information you produce during this examination session.

You should aim to write between **800–1500 words** in total.

Save your finished work as a PDF file with the file name used in the header at the top of this page ("SchoolCode-YourNSN-91898.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.

You may only access the digital outcome and Common Assessment Task. Internet access is not permitted.

Merit

05

INSTRUCTIONS

Read all parts of the assessment task before you begin.

Choose any digital outcome that you developed during the year.

Type your chosen digital outcome in the space below:

I have created a music video with my own original music to accompany it.

Begin your answers on page 3.

ASSESSMENT TASK

(a) (i) Describe your chosen digital outcome.

> I have produced my own original music piece, to accompany a music video
> which I have created. My digital outcome was to create a music video and
> original which fitted into the category of Punk Rock. To fit this category, I used a
> fast pace tempo combined with a upbeat music video sequence to create a
> Punk Rock feel. I looked at Punk Rock music videos as a part of my existing
> outcomes investigation. So, then I could understand how to structure my music
> video.

(ii) Explain the reasons for some of the decisions that you made during the development process
for your chosen digital outcome, with regards to:

- the sequencing of key tasks in the development of the digital components
- the selected methods chosen to address requirements.

> - Brief – For this I had to explain or find a problem which I had to
>   find a solution to.
>
> - Specifications – For this I had to identify guidelines to fit my
>   music video into and make it around. The specifications that I
>   choose all helped fit the outcome into the problem which was
>   identified in the brief.
>
> - Program investigations – For this I had researched different tools
>   to find a suitable program to develop my final product on, this
>   included using resources such as debate websites and
>   Wikipedia.
>
> - Existing outcomes – For this I had to research preexisting music
>   video outcomes. So, I understood what my music video should
>   look like, this also helped me decide the type of music video I am
>   aiming for as I looked at a wide range of concepts and ideas to
>   find one that fits my final outcome.
>
> - Stake holder feedback – For this I had to get stakeholder
>   feedback for each development process which I used. The
>   propose of this was to help edit my specifications and anything
>   else that needed editing. This helped create feedback for my
>   prototype and what I need to fix to make it more understandable

for an end user.

- Prototyping – For this I had to create a demo of my music video and original piece of music. Before final production, this was to help edit or identify any problems which a viewer may have when watching it back or listening. This relates back to my stakeholder feedback.

- Evaluation – For this I had to go back over my process and explain any mishaps or problems which I in counted during my process line. As a part of this I had to get final feedback on the final outcome.

(b)　(i)　Identify at least two of the requirements of your chosen digital outcome and discuss how you addressed them.

- First requirement – that my music video had to be under 3 minutes long. I addressed this requirement by planning out my original piece of music first and timing how long it would take to complete it. If it was over the require time, I would edit the music piece until it fitted the required time. I also did this when it came to final production and recording. I made sure that the band was under a time limit of 2 minutes 20. The reason I have this time limit as a requirement is, so the music piece doesn't go on forever. Also keeps it interesting for the listener.

- Second requirement – my end outcome had to be easy to watch back. This meant that it could not be jumping between unrelated videos making the watcher lose track of what is happening. How I accomplished this was to plan out a story board and set out what would be in each frame in relation to the music. As well as this I needed to set a rhythm for the video frames so that the video would be at the same pace/timing as the music piece to accompany it.

(ii)　Discuss how your chosen digital outcome addressed TWO of the following relevant implications:
- legal
- accessibility
- intellectual property
- health and safety.

- Legal – I had to make sure my original piece of music was not copyrighting anyone else's already existing music piece. For this I had to research bands and songs which could sound similar and had to establish whether or not similarities were enough to impinging on their copyright. The music video side had to have videos which I had personally taken and was know one else's work. I have mention the names of the video editing software and the sound record software so they get credit for their contribution to the final outcome. This is so these brands take legal action.

- Health and safety – during the production of both the music video and original piece of music. I made sure that all instrument amps were turned off after practice, also when not in use. I made sure there was no food or drink in the music room while we were practicing as this could result in malfunction when used again. While we were practicing, we made sure to use the correct PPE. This included using sanitizer whenever coming into music room and cleaning and wiping instruments before and after ever use. We also used ear protection to stop premiant hearing loss. While studio recording in the electronic room, we made sure all leads

and cables were to the side so that no one would injury themselves tripping over. After use of all instruments we made sure that the room was locked, and the gear was covered and put away.

(c)   You followed a development process to achieve your chosen digital outcome.

(i)   Evaluate the decisions you made in the development process for your chosen digital outcome.

All the decisions I made I am happy with. Expect the program investigations this is because the programs I ended up using were not up to the quality that I expected.

(ii)   Discuss what you could have done differently for the digital components to improve your chosen digital outcome.

The digital programs that I used to create the music video and record the music were both lacking in ways to export the final outcome to other media platforms. If I did this again I want to choose better recording software and better video editing software for my digital outcome. Another thing I would do differently would be to get a better camera other than using a cellphone. This would help improve pixel quality when exporting the video to the video editing software. Another thing I would change would be how I wrote up my program investigations as I fail to identify better editing to use. This in turn resulted in me using bad software editing programs. One other thing I would change if I did this again would be to improve the sound quality of the final music recording. This would help the play back quality when exporting the music piece to a digital platform this would have helped the with the music sound quality when recording in the room.

Merit Exemplar 2020

Subject	Digital Technologies		Standard	91899	Total score	05
	Grade score	**Annotation**				
	M5	The summary covered legal implications and health and safety implications, and the candidate demonstrated clear understanding of these implications, as well as how these were addressed in the development of the digital outcome. Although the candidate presented a well-structured summary of the development, it was not sufficiently comprehensive to be awarded Excellence.				