

No part of the candidate's evidence in this exemplar material may be presented in an external assessment for the purpose of gaining an NZQA qualification or award.



Level 2 Digital Technologies 2024

91899 Present a summary of developing a digital outcome

EXEMPLAR

Achievement

TOTAL 03

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)

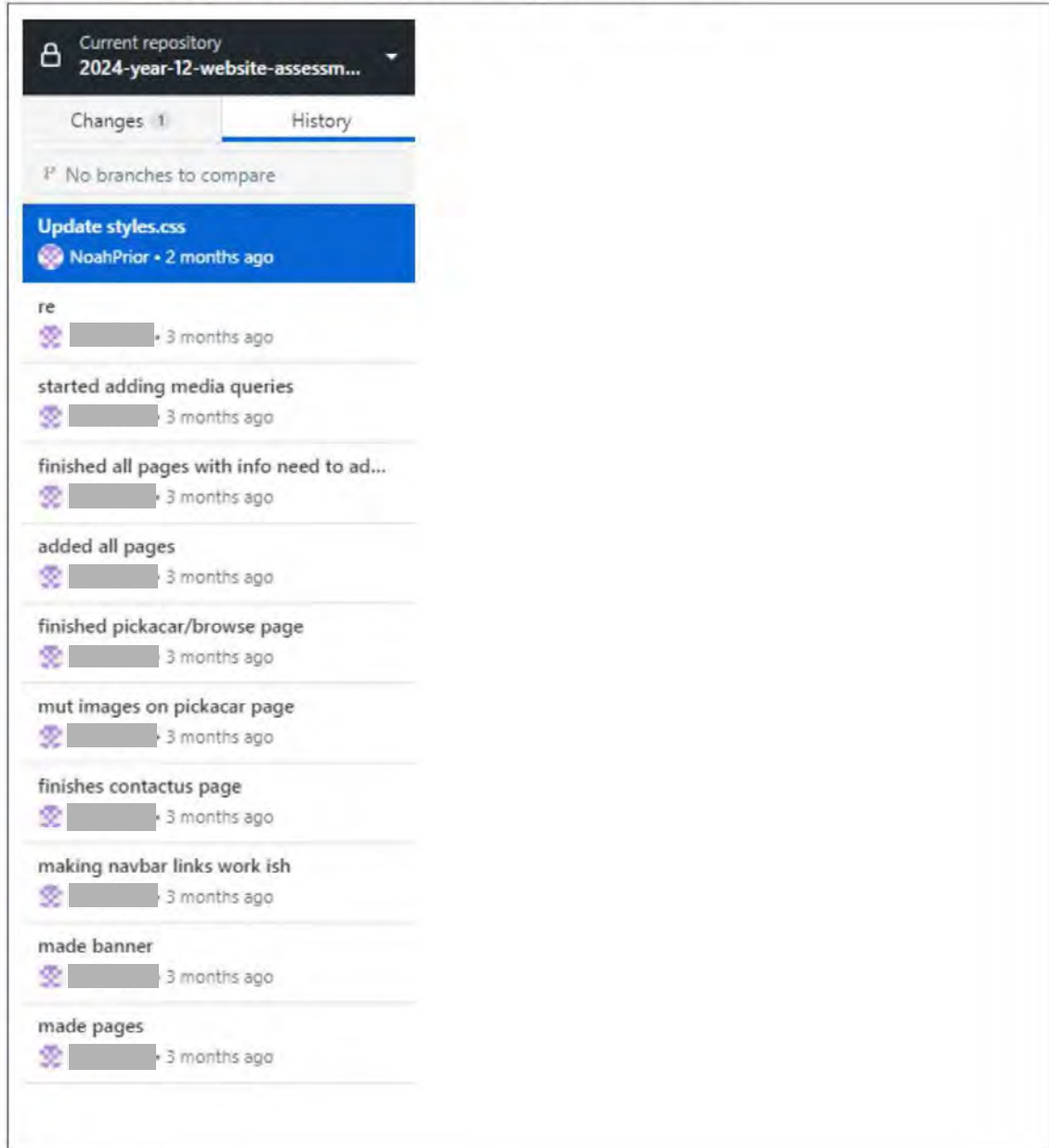
ASSESSMENT TASK

Name the type of digital outcome you created (i.e. website, app, magazine, animation, etc.)

Website


Development process

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



Research and design

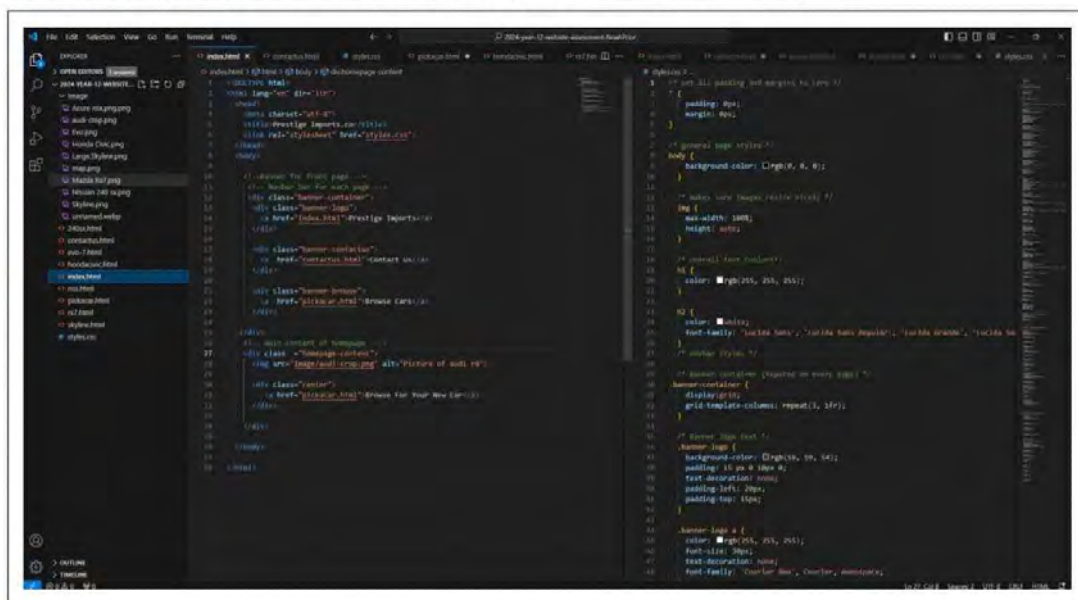
(b) Based on your research and/or design(s), identify and explain a key decision you made about the direction of your digital outcome and its development.



One key direction I made based on my research and design was making the user be able to see and browse for cars easily. The key design I made during my design was having 3 columns that each had a picture of the car and a link to the page about the car. This was important and made a difference with the digital outcome and development because it made it easy for users to browse with the outcome of the website and during the development it made it easy to add more cars to browse from. As well as easy to make the columns as well.

Development

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



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

The primary software that I used was VS.Code

- (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.

One of the tools I used was creating a styles page for the html code. This allowed me to style the whole website from one page, and not have one style page for each html page. Used techniques like having something for example like the individual car pages that were all identical apart from the information on them. The image and text were in the same place. I put them all under one variable this allowed me to easily style one page and It would apply to all of the others, another example is that banner. I put it all under one variable and since I wanted it to be the same on every page I could style it all from the .css page.

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

Easy ability of use/ functionality

- (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.

To meet the requirement of the website being easy to use I made sure that when people navigated the website they could easily find there way to the places they wanted to go. I did this by using a identical nav bar on every page. This made it easy to navigate because every feture in the website as they were all located in the nav bar. Aswell as this the nav bar was on every single page of the website. So if you got lost and wanted to go back the user could look at the nav bar and locate everything from there, from any page.

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


Design of the nav bar

- (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.

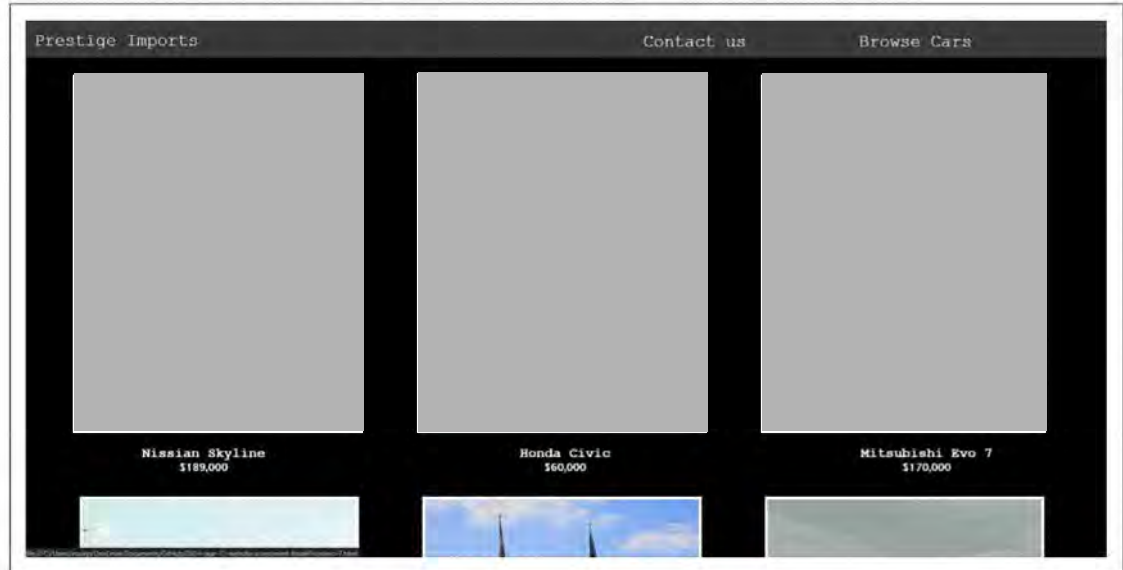
- (viii) Discuss the cultural and/or ethical implications you considered during the development, and how you addressed this in your digital outcome.



My website addressed cultural and/or ethical implications by keeping the website very simple. I did this when developing my website by just using English as it the the most popular language aswell as with the final outcome every thing was kept simple in English and did not offend any cultures or religions.

Testing and evaluation of final outcome

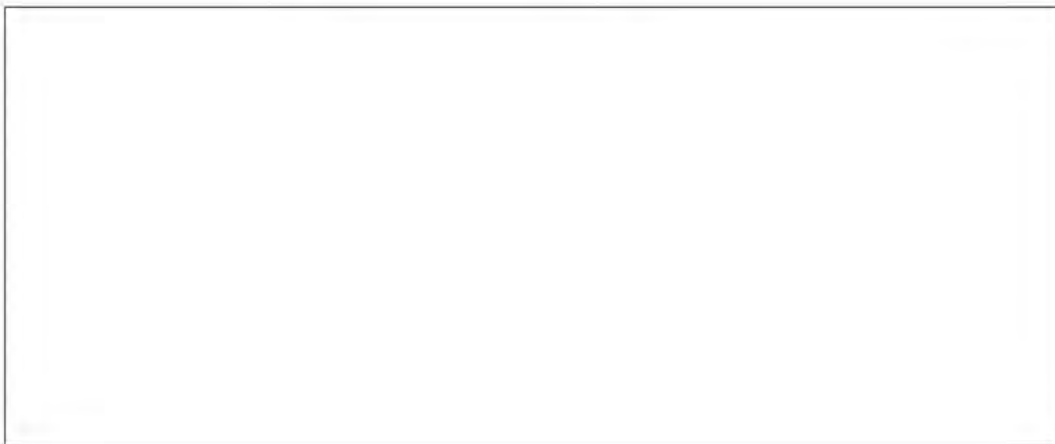
- (d) (i) Insert the image you prepared of your finished outcome (what the end user sees).



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

The final outcome of my website is for users to be able to browse cars with ease, and when they find a car they like they are able to read about all the specifications of the car. The website kept a sleek minimalist look throughout the whole website with a black, white and gray color scheme. My website would be used by people who want to look at cars for fun or they might be interested in buying and want to know the specs of the car.

- (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.



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

- (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.

Achievement

Subject: Digital Technologies

Standard: 91899

Total score: 03

Task	Grade score	Marker commentary
One	A3	<p>The candidate has used suitable software to develop a digital outcome (website) that is at Level 7 of the NZ curriculum.</p> <p>The candidate explained how design decisions influenced an aspect of the digital outcome's development. The software was identified, and there was an explanation of the techniques applied to create a particular part of the digital outcome. The purpose of the digital outcome was explained.</p> <p>At Level 7, when creating any outcome there will be components, conventions, and standards that are considered fundamental for the outcome to be considered fit for purpose. The candidate's requirements focused on the navigation bar and making the website easy to use. A navigation bar is a core element that users expect to find on almost every website. It is considered a basic part of website design, similar to having a homepage or working links. Stating that the website should have a navigation bar to improve usability missed the opportunity to focus on more specific, creative, or advanced aspects of the website's context.</p> <p>Based on the simplicity of the outcome, the candidate has omitted responses for most of the questions that allow for a higher grade.</p>