This document will instruct and direct you to complete all of the evidence you will need to meet the Achieved level criteria for the following standard.

| **Number** | **Version** | **Title** | **Credits** | **Assessment** |
| --- | --- | --- | --- | --- |
| AS91893 | 1 | Use advanced techniques to develop a digital media outcome | 4 | Internal |
| **Achievement Level Statement** | | | | |
| Use advanced techniques to develop a digital media outcome. | | | | |

Please enter the requested evidence in the areas provided.

# State the issue that requires a digital media outcome to be developed.

If you have opted to create a solution for a different brief than the one provided, please complete this table and have it agreed with our teacher before you get started to ensure the project is suitable for this assignment.

|  |  |
| --- | --- |
| Who is your solution for? | The organisers of the 2024 formal. |
| What do they need to be solved? | They want to use a website as means of advertising and registering for the event |
| What it is that you intend to create? | *Website with many pages as required to arrange content in an organised manner (in other words, im not entirely sure how many pages there will be yet.)* |
| What content will there need to be and where will it come from? | Information about the formal (provided) as well as specific information to my selected theme, along with images (provided) to display what the formal is about. Additionally a method for users to register their intrest |
| What are the specifications that may need to be met? | * Provides information about the upcoming event (theme, date, time, dress code etc.) * Includes a list of the rules for attending. * Provide a facility for students to register their interest for further details. * Separate the information identified above into their own dedicated pages * Provide convenient navigation between each of these individual pages. * Includes a sample of images from previous years events to help inform the viewers. |
| What did your teacher say about this proposal? | Nothing. |

# 1.2 Advanced Tools / Techniques

In the table below identify the advanced tools and techniques you have used, why they have been used and where the evidence of their use can be found.

|  |  |  |
| --- | --- | --- |
| Advanced Tool / Tech | Why was it used | Where is it used |
| *Linked CSS documents* | *To allow for reusal of same styles* | *This is found in the css/style.css* |
| Php | To allow for dynamic content creation without polluting the workspace with large reasons of copy/pasta etc. | For importing all images from a folder into the carousel  For including navbar (not yet determined if this is best) |
|  |  |  |
|  |  |  |

# 1.3 Conventions Used

Each tool and media environment has a set of conventions that should be followed. e.g. for HTML there are many such as the [W3schools](https://www.w3schools.com/html/html5_syntax.asp) style guide and the [Google HTML/CSS](https://google.github.io/styleguide/htmlcssguide.html) style guide, and each of these contain guidance such as…

* Indentation
* Naming
* Use of quotes etc.

In the table below identify the conventions you have followed and add details that explain the steps you have taken.

|  |  |
| --- | --- |
| Selected Media Environment / Tool | Style Guide Used |
| *e.g. HTML / CSS* | *W3School Style Guide* |
| Convention | Notes |
| *e.g. Naming conventions* | *e.g. All of the …* |
| Always Declare Document Type | Used <!DOCTYPE html> |
| Use Lowercase Element Names  Use Lowercase Attribute Names | Always used |
| Close All HTML Elements | Always done |
| Always Quote Attribute Values | Always used |
| Always Specify alt, width, and height for Images | Alt is used as much as possible  Width and height are specified where applicable, but sometimes cannot be used within more dynamic content. |
| No Spaces around Equal Signs in attributes | Always |
| Avoid Long Code Lines | As much as possible, but also I am only dev on project and am quite happy with holding shift while I scroll wheel so… |
| Blank Lines and Indentation  Do not add blank lines, spaces, or indentations without a reason.  For readability, add blank lines to separate large or logical code blocks.  For readability, add two spaces of indentation. **Do not use the tab key.** | Fblsuijkdgnkordlnj no I refuse  I will happily create a fork of the style guide that suggests tab chars  I will use tabs when I want to use tabs OK  Tabs better than spaces  And its my project not yours anyways  Im sure its fine as long as its consistent  If I was serving on a server it would be minified (removed of whitespace etc) anyways so… |
| The rest of them | Yeah I followed |

# 1.4 Explaining relevant implications.

Achievement at this level requires you to explain a number relevant implications around the solution you created. Please answer the questions below for relevant implications listed. You are allowed to change the implications listed if you wish and a larger list of these is available in the main assessment document.

|  |  |  |
| --- | --- | --- |
| Relevant Implication | What does this relate to?  Why is it important?  Why should you need to consider it? | What aspects of your solution could be affected by this?  What would you need to do to address it? |
| Aesthetics | This relates to the way things look. It is important to enhance the user experience. Users will be much happier using a clean, organised setup compared to a *mess*. It therefore needs to be considered so that users of the website will be attracted to its design and be more likely to consider going to the formal. | This mostly affects stylesheets (the CSS) as these store the majority of aesthetic and stylistic changes. To address this I would have to make changes to the styles so that they appeal to the users and fit the theme of the formal. |
| Functionality | This relates to how well something can function – it needs to be able to do its job, and well. It is important because most of the time, the functionality of something is the most important aspect. If you ask for a system to organise data in a specific way then you don’t want to get something that looks good, but doesn’t work. | Functionality affects how the Tables and Queries are set up, as tables/queries are the *functional* part of the database. However, the forms and reports also have an aspect of functionality. Buttons can be used to make forms/reports more usable, which makes them more functional. To address we need to make sure that our database works as intended and can perform the jobs it needs to. |
| Sustainability and future proofing | This relates to storing other peoples personal information. It is best not to store anyone’s personal information unless you need it, and to warn your users of the information you are storing about them. It needs to be considered because you don’t want to be the one who accidentally leaks thousands of user’s information if someone gets access to your database. | The tables are mostly affected by this, as it requires added/removed columns, according to what data does/doesn’t need stored, but also forms/reports, as the relevant data link would need removed from that resource. To address, I would need to ensure that I am not storing any information that isn’t useful for a reasonable purpose. It would also be good to inform the user of what data is being stored. |
| Health and safety | This relates to not dying while making the database. Electricity is very good for DYING so it is best not to have any water near computers as water is conductive of electricity. This is important as if DEAD you cannot make database. I need to consider it so I don’t DIE and become unable to make database. | The entire database could be affected by this. To address this I could avoid doing unsafe things around the work environment. For example I will avoid drinking water near computers to avoid DYING. |

# 1.5 Data Integrity

Basic testing will have already been documented in your video recording, but you still need to address Data Integrity.

Data Integrity is all about showing that the content of your work is suitable (proofread, spell checked, ethical etc.) The safest way to show this is to document what you have done to ensure everything is correct. This can be achieved by simply stating what you have checked and the errors you have noticed. It is advised that this is done twice, once by you and again by someone else with a fresh pair of eyes.

Do not be afraid of listing the errors you spot. There will most likely be some and they will need to be fixed so do not pretend that you did a perfect job first time!

Complete the table below to show the errors you spotted and how you will fix them. If you did not spot any errors then there is some advice on what to do in the **Extra Help Sheet Available**

|  |  |  |
| --- | --- | --- |
| **What was being checked?** | **What was the problem?** | **How will it be fixed?** |
|  |  |  |
|  |  |  |
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# 1.5 & 1.6 Testing and Presenting Version 1 of your solution

Record a video showing your solution in operation. Show each of the elements you have created to demonstrate that it operates as expected or identifies areas that require further development.

If your chosen technology has any form of validation service available (e.g. html validation) demonstrate this in use as well to both show how effective your use has been and to highlight any areas you may need to develop further.

Be sure to take your time and give the viewer of this video and opportunity to fully see your solution in action. Save your video recording in a suitable file format (e.g. wmv or mp4 – NOT an ispring file)

|  |
| --- |
| Below tell us the name of this file and where it is stored. |
|  |