



Abertay University

**School of Design and Informatics
Session 2024**

HEP504: Web Development

**Portfolio Assessment
Part1: Tech News Web Page**

Weighting: 25%

Due: Monday of week 4 at 12:00 (noon)

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Portfolio Assessment Part1: Tech News Web Page

This practical brief outlines the first of two practical assessments which creates your graded portfolio for this module.

You are expected to attempt all tasks within this brief. However, if the work is unfinished or contains errors, please submit everything undertaken and any incomplete work will be marked accordingly.

Create a Tech News Web Page

The aim of this assessment is to create a singular Tech News web page. You should choose the name of the webpage, the actual content and the design of the webpage. Choose a theme for your webpage, feel free to discuss ideas for themes in the discussion page. The website should contain at least three news articles.

Your website must be hosted on the university's mayar server (with a link provided within your report). **Work that does not utilise this may not be graded. Ensure that you also strictly follow the submission instructions.**

Feel free to use tech news articles from other websites, but make sure you include a reference to the original websites on your webpage article.

Before starting make sure you have completed the Laboratory Exercises for weeks one and two of this module. You may also make use of the source code provided in the lectures and build upon your work in the Laboratory Exercises to complete this practical assessment. You may use any text editor of your choice: Notepad++ or something else. Do your best to ensure your code follows the latest standards. Feel free to ask questions in the Module Q&A within the 'Discussions' tab on Canvas, if you are unsure of anything.

Task 1 - Webpage Structure.

Start adding content and creating the structure of your tech news webpage using HTML. Your webpage should demonstrate the tags and attributes covered in this module in order to create a unique and interesting webpage.

Current web standards encourage minimalist websites; however, this assessment encourages you to create something unique, interesting, and colourful.

Make sure you provide details on which tags and attributes you utilised you have created you why in the report.

Document your source code using comments. Start by adding comments detailing the code you produced for this task and then continue commenting on your code as you complete the other tasks.

Task 2 - Adding Style and Colour

Add some style and colours to your site by using CSS. You can implement whatever you feel might make your website more engaging. Demonstrate use of different colours, style effects and fonts.

Make sure you provide details on all the CSS you have created you and why in the report.

Plenty of information on how to get started in this area can also be found on w3schools.com.

Task 3 - CSS Image Gallery

Create an image gallery for your website. It should look and function similar to this example [w3schools image gallery tutorial](http://w3schools.com).

Ensure that the CSS image gallery you implement within your website uses your own images. These Images can be anything you wish as long you source copyright free images or you can create them yourself.

Ensure that you provide references for these images on within the webpage.

Task 4 - Uploading to the Abertay Student Web Server

By the time you attempt this assessment you will have been provided with server space on the Abertay student web server. See the “**Connecting to your webspace.pdf**” in lecture materials in week 1 for detailed step-by-step instructions on how to upload your website to the Abertay student web server.

If everything has been done correctly your website will now be available to view online.

You must include a working URL to your website hosted on the server in your report.

Task 5 - Cross platform testing

Now that you have created your website it would be wise to test how the web content appears when viewed on mobile as well as on desktop devices. So, let's consider, what does your site look like on your phone?

Include your answers and thoughts on this question in a short section of your report.

Note: It is not expected that your website “looks good” on mobile at this point in the module, so don’t worry about trying to correct for any differences between the mobile and desktop displays of your website. The important thing is to provide detailed descriptions. You should provide screen shots to showcase the difference in the report.

The Report and Word Count

Ensure that your report efficiently describes the planning, design of the website, and work that has been undertaken to address this assessment brief. You should state how each task was successfully achieved. The report for this assessment should be 1000 words with a margin of +/- 10%, excluding the Reference and Appendix sections.

Format

The report for this assessment should include at least the following sections, however you should feel free to add other sections if you feel they would benefit your specific submission.

- Title Page

This first page should include the student's name, student number, and the practical assessments name.

- URL

A working URL to your webpage hosted on the university's mayar server should be provided in this section.

- Introduction

Briefly introduce the work that has been undertaken, the aim of the work, and how it meets the practical assessment brief.

- Procedure/Methodology

This section should explain in detail what work has been undertaken to address the practical assessment requirements and justify the chosen approach. Detail how the website was planned and your design decisions.

Make sure that you use references and intext citations, to backup any claims or facts, demonstrate a grasp of the subject matter and further reading.

Include any relevant code, screenshots, charts, diagrams, or pictures. These should be clearly labelled and referenced in the body of the report.

- Security & Legal Aspects

This section should detail any legal considerations and requirements that should be considered for this type of web page. This can include things such as copyright law. Make sure that you use references and intext citations, to demonstrate a grasp of the subject matter and further reading.

- Conclusion

Critically evaluate the project and discuss how well it met the assessment brief tasks.

- References

All sources should be written in the Harvard Referencing Style.

All references should be cited where applicable in the text of your report.

References are not included in the word count.

Grades

Please consult the rubric for this practical assessment on canvas, a link to the rubric will appear alongside the download option for this brief. This assessment contributes 25% of your final grade for your portfolio for this module.

Other Details

Consult the Module Assessment Overview document for all other details including:

- Mitigating Circumstances
- Late Submission
- Feedback
- Plagiarism
- Use of AI in this Module

Make sure to read the section on use of AI carefully as misusing it in this module is not tolerated.

Submission Instructions

Work that does not follow these instructions may not be graded.

Please submit the following

- A report covering the work undertaken for this assessment, in PDF or word format.
- A URL to your website on the server (included in your report).
- Your website's source code.

Your report should contain your URL to your webpage hosted on the university's mayar server.

The Report file should be named:

(Report_YourName_YourStudentNumber_Practical1.zip).

The zip file should be named:

(YourName_YourStudentNumber_Practical1.zip).

Your report should be submitted alongside a singular compressed file (.zip etc.) that contains your website's source code and any other artifacts. An example screenshot can be seen below. **Submitting your report inside the zip folder may result in your report not being marked.**

File upload Text entry Website URL Media Google Drive

Upload a file, or choose a file you've already uploaded.

AlexanderPurvis_521366_... X

Report_AlexanderPurvis_... X

+ Add another file

Click here to find a file you've already uploaded

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I agree to the tool's End-User License Agreement 
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