

Dynamic Web Authoring

Assignment Two Specification

Submission Date: 23:59, 16/04/2021

Feedback within 20 working days
60% of Module Mark

1 Requirements

This assignment will be completed in groups of four students and will be required to implement and test the website design created in Assignment One. Design changes from the first assignment will be allowed provided they are accompanied with justification to why that change was made, whether that is from feedback (from Assessment One or potential users/stakeholders), user testing, further background research, *etc.*.

Using HTML5, CSS and JavaScript, but not a web editor, to create a user-friendly and interactive dynamic website based on their design from Assignment One. Students are required to apply the key concepts and methods covered during the module in the implementation, testing, and evaluation of their dynamic website. The website should contain multi-pages. The website should be standards-compliant and is capable of gathering and conditioning data supplied by a user. Users should be able to browse all the information. Dynamic interactive design and event handling techniques (for example, animations, banners, image effects, date/time, form validation, calculator, and cookies/LocalStorage) are required.

The implementation and testing process should be documented, the supporting documentation should provide:

- Background research into technology possibilities. (Note: Use of frameworks are permitted providing they are properly referenced and not claimed as own work).

- Justification of the selected technology.
- Evidence of a clear implementation and testing process (for example, including DOM structure, sitemap, implementation, testing plan, and evaluation).
- A copy of all your submitted code in an appendix.

A video file should also be submitted, the video submission will be used as a means to display the features you have developed in your website. You should use this as an opportunity to highlight areas of your code/website that you are particularly proud of and highlight areas/features of interest. The video should be no longer than 15 minutes, a single mark will be deducted for every minute the video submission is over the allocated time limit.

2 Submission Details

The following items must be uploaded to Blackboard before the deadline stated, should there be any issues with upload limit size on Blackboard your submission must be uploaded to your University OneDrive account and a shareable link emailed to the module coordinator before the deadline stated.

- Supporting Documentation.
- All Code Files.
- Video Submission.

All three items should be in a single compressed folder with the following naming scheme: B-Code_LastName_Surname.

The submission deadline is 23:59, 16th April 2021.

3 Assessment

The assessment will be marked out of a total of 100 marks based on the quality of the highlighted areas in the mark breakdown. The mark breakdown is as follows:

Supporting Documentation – 30 Marks

Your supporting documentation will be assessed on the following criteria:

- Thoroughness of background research.
- Justification of selected technology.
- Evidence of a clear implementation and testing process.
- Consideration of performance and optimisation.

Website – 60 Marks

Your website submission will be assessed on the following criteria:

- Correctness of each solution in terms of its associated specification.
- Quality of user interaction.
- Clarity/quality of design.
- Code quality/standard.

Video Submission – 10 Marks

Your video submission will be assessed on the following criteria:

- Do all group members contribute to the video?
- Do the website features work as expected?
- Level of understanding shown of features/code.
- Professional presentation of the video.

Peer Review Form

This assignment will normally be completed in groups of four. Every member of the group must fill in the “Peer Review Form” on Blackboard to indicate what percentage of effort each member made to the overall assignment.

For any group submission deviating from an equal division of effort, marks for this assignment will be scaled down according to the declarations made. The scaling will happen according to the following example of the scheme: Consider that a member of the group is reported to have put in 20% effort (each member should be putting in an equal 25%) as a result their mark will be scaled down by 20%. (Percentage decrease from 25% to 20% is -20%).

It should be noted that complete non-engagement by a group member can result in the extreme to a mark of zero being awarded for the individual.

4 Feedback Comments

The following are considerations that will be commented on and are set out here as additional guidance on the level of work expected.

- What level of overall effort is evident?
- How impressive or otherwise is the set of features (inc. HTML/CSS) included?

- Note any omissions from the set of required features and/or features beyond the ones explicitly mentioned in the assignment spec.
- Is the code well laid out, elegantly structured and with appropriate naming, suitably indented and with helpful comments?
- Does the submission show enthusiasm and interest or does it convey limited interest and/or minimal effort?
- Is the video screencast focused on the key components? Any other relevant comments.

5 Plagiarism

Before you submit your coursework note the University policy on plagiarism and by uploading the work you will be deemed to be in agreement with the declaration that your coursework is all your own work. Where you have incorporated any freely available code libraries, as long as you retain any copyright or other statements concerning authorship contained in them, you will not be open to the charge of plagiarism.