



School of Science, Engineering and Technology

Assessment Instrument Coversheet

Session : 2013/14

Module Code: CE0832a

Module Title: Web Scripting

Unit of Assessment: Unit 1 worth 50% of the module grade

Module Learning Outcomes :

1. Demonstrate an understanding of client side functionality that can provide well-structured and usable applications.
2. Compare the use of CSS and Javascript within web pages.
3. Demonstrate an understanding of the underlying Document Object Model within web pages, and implement foundational methods of manipulating content via the DOM.
4. Demonstrate an understanding of simple server side scripting, and produce web pages that connect an application to a database, work with data and display data.

Lecturer: Dr G Lund

Submission Date: Tuesday 13th May 2014

Feedback Return Date: 30th May 2014

Feedback Type: Verbal at demonstration and then through Blackboard

Grading Criteria

See end of specification

Submission Requirements:

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Electronic Copy

An electronic submission via Blackboard is required for this assessment by 4:00 pm on the due day. Any late submission will be penalised in line with the standard university rules and regulations. Claims for coursework extension, or mitigating circumstances should be lodged according to the university rules and regulations. Failure to submit the electronic copy via Blackboard will be deemed as non-submission. Submission of any of the required items after the submission date deadline will be deemed as late submission.

Assessment overview

You are asked to write and demonstrate a web site that matches the criteria below. The subject matter for the site must be one of :

- Adventures sports in Scotland.
- A town or village in Scotland
- A castle in Scotland.

If you choose a different topic you will be graded at NS0 even though the site you submit may have merit. If you are in any doubt please contact the lecturer.

Task 1: Write a web site showing your competence with Client and Server side scripting.

You must submit a web site with at least 6 different pages. These pages should be :

1. A basic static introductory page that gives, using text and images, an overview of the web site topic.
2. A "slideshow" of images controlled via Javascript. You should aim to have at least 5 thumbnails that when chosen expand to a larger image.
3. A page that is controlled through a parameter. This parameter determines the data on the page as selected from a MySQL database.
4. A gallery of at least 9 images that are obtained from a server. A good solution will be capable of pagination if there are lots of images available.
5. A contact or subscriber form, with all the fields data validated if possible, where the data is stored in a database and a tailored response given to the author.
6. A final page that includes 300 words that give your reflection of the site, how it matches the spec, and highlight the 3 best features of your site.

Throughout you are expected to use professional standards of HTML5 and CSS within the page. Both should be validated. The whole site must have a consistent and appropriate style that reflects the organisation you have chosen. If you use scripts, (PHP Javascript or JQuery), that have been taken from another website these MUST be referenced fully in the code. Failure to do so will lead to 0 credit for that aspect and may result in plagiarism charges being made.

The site must be hosted on a "remote" server and not loaded and demonstrated on "localhost" or any other PC based server. The demonstration will look at the work on the remote server. You have been given space on a UAD server either studentplus.abertay.ac.uk or mayar.abertay.ac.uk. If there are technical issues with these servers then UAD will solve them and the grade will take any issues of these servers into account. You are able to develop using the UAD servers from anywhere in the world or at any time.

If you use your own server any failure of the server cannot be resolved by UAD staff. If the server fails it is your risk and the grading will not take into account such server failures.

Grading System

Grade	Expectation.
A	<ul style="list-style-type: none">● The pages fully satisfy the elements required in the specification and these are further enhanced to give an exceptional site.● The look and feel of the site is consistent and appropriate to the subject matter.● The analysis (page 6) contains significant criticism and 3 key features are evaluated.● A demonstration of the site that has no flaws and has an ease of use; URL submitted that can be followed.
B	<ul style="list-style-type: none">● A piece of work that fully satisfies the grade C criteria but can only be described as grade A in 2 of the 4 assessment criteria.
C	<ul style="list-style-type: none">● The pages fully satisfy the elements required in the specification.● The look and feel of the site is consistent and appropriate to the subject matter● The analysis (page 6) contains some element of criticism and 3 key features are described● A demonstration of the site that has no flaws, and a URL submitted that can be followed
D	<ul style="list-style-type: none">● The site and demonstration follows the criteria for a grade C above but ONE element is unsatisfactory. This could be a weak non-analytical commentary; or a difficult look and feel to the site; or flaws in one aspect of the site; or a missing element of the specification
MF	<ul style="list-style-type: none">● As above but 2 significant elements of the criteria for a grade C are missing or unsatisfactory
CF	<ul style="list-style-type: none">● Only 1 of the criteria elements in grade C is delivered satisfactorily; the others are unsatisfactory
LA	<ul style="list-style-type: none">● There is nothing of value in the work

Note :

1. The grading is based on the quality of the 6 pages required for the site and not on the volume of work. Putting extra effort in providing extra facility will not be rewarded; putting extra effort into making the requirements well crafted will.
2. You are not being graded on your presentation skills, the demonstration is an opportunity for you to show the marker the site and the technical aspects of the site that is graded.
3. Failure to attend the demonstration OR submit the work onto Blackboard will result in a grade of NS0 EVEN IF YOU CONTRIBUTE TO THE OTHER ELEMENT OF THE ASSESSMENT.

Submission

You are required to upload to Blackboard prior to the deadline :

- A zip file containing all the scripts, images etc for your site
- A URL of your site on a server.

You will be expected to demonstrate your work to a marker on Wednesday 14th May 2014. You will be allocated a PC in room 4506. You will have to put your site on the PC and demonstrate the site and answer questions in a 10 minute slot during that day. Details on Blackboard

The deadline for Blackboard submissions is 4pm and the system is likely to be busy at that time. **For this reason you are advised to leave plenty of time (at least an hour) to successfully complete the upload process. If the Blackboard system records a submission time after 4pm then the work will be treated as a late submission.**