COMP1021 Introduction to Web Technologies

Coursework 2

Support

Support for this coursework will be made available during the scheduled lab classes

Preliminaries

This coursework is worth 60% of the overall module grade. The coursework has a total of 50 marks available. The deliverable of this piece of coursework is a complete web site consisting of at least 5 HTML pages that are styled with appropriate CSS. The files should be compliant to HMTL5 and CSS3 standards,

Requirements

Take care in reading the specification. You will be penalised if you fail to meet any of the requirements.

- All pages must conform to the HTML5 standard.

- All style sheets must conform to CSS3 standards.

- All styling should be done in a separate style sheet.

- You must not use any editor which assists in the creation of web pages, i.e. dreamweaver and similar are nor permitted.

- Do not use any other technologies except HTML and CSS and JavaScript (jQuery). Unless permission has been granted by a member of staff.

- All images or text used in the deliverable should be appropriately referenced and copyright should be obtained if you are using images.

Specification

You should make additions and appropriate modifications to your website that was submitted for coursework 1. You should incorporate into your design the following features:

- a style sheet which supports printing of your website
- consideration for the responsive web
- a JavaScript component that adds some dynamic content to the website

Additionally to achieve the higher grade your website should include:
- A substantial amount of JavaScript (jQuery) that is well thought out and adds functionality
- advanced features of HTML5, i.e. geolocation, local storage or app cache

Final Deliverables

You should submit the following:

- A zip file containing all HTML, CSS and images/audio/video files used in your website

[40 marks]

- A design document in **pdf** format, containing the following:

✔   a description of your intended additional features
✔   a brief evaluation of your implementation justifying any changes between your initial design and your implementation
✔   any references that are required for the content you have used

[20 marks]

Submission

Your files must be submitted as a **zip archive. No other format will be accepted**. You should submit the zip archive via Minerva before the deadline. All submissions will be submitted to plagiarism detection software

Submission date: Friday, May 1st, 2020 (12:00 midday)