COMP30680 Web Application Development

Assignment 1: HTML and CSS

In this assignment you will be creating a website using HTML and CSS. You are required to create one of the following:

1. A personal website
2. A website for a charity or community organisation of your choice.

The website should have five pages including a homepage (index.html), a gallery page (e.g. page displaying images), and three pages of your own choice.

You should ensure that your HTML and CSS code is valid and should make appropriate use of HTML and CSS to separate the content and presentation (styling) of the site.

Alongside these general requirements, your website should include the following:

- Links to both your own pages and external webpages.
- A navigation bar
- At least one table
- At least one list (ordered or unordered)
- At least one local or embedded video
- At least four CSS3 and four HTML5 elements
- Make use of the CSS positional properties (e.g. position, float)
- Make use of both inline and block elements

Marking

This assignment corresponds to 20% of the total module mark. Your will receive a letter grade for the assignment, based on the Computer Science grading scale. The grade you receive for the assignment will consider the following aspects of your work:

a) Making appropriate and valid use of HTML and CSS.
b) Correctly including the elements described above.
c) Overall impression and quality of the overall design.
d) Going beyond the parts of HTML and CSS described in the lectures and practical classes, to explore additional features of HTML and CSS (e.g. responsive design).

Submitting

Submit a single zip file using Moodle. The zip file should include a folder containing your website and a readme file that explains where in your site you have included the elements listed above. To receive high marks on point (d) above please also describe how you have explored additional features of HTML and CSS.

Please name your zip file using the following format: "Firstname_Lastname_A1_COMP30680.zip".

The deadline for submission is 5pm on Monday 8th October 2018.

Code validation:

Your website should be consistent with the HTML 5 standard.

All code submitted in this assignment will be checked for validity using the following:

- HTML: https://validator.w3.org/
- CSS: https://jigsaw.w3.org/css-validator/

Code reuse

The website must be your own work. Any code snippets that are not directly written by you (e.g. used from a tutorial) must be referenced as such within your code. You must directly comment the code to explain its source. Failure to reference code that is not yours will be treated as plagiarism.