Web Fundamentals

**Title:** Assignment 2

**Lecturer:** Dr. Kyle Goslin

**Date Given:** 2nd November 2019

**Date Due:** 18th Dec 2019

**Weight:** 40%

**Assignment Description**

You are required to build the HTML/CSS code for the wireframe diagrams that were created in assignment 1. This should be used as a guide for your overall design.

The website should consist of formatted HTML/CSS with the correct folder structure for CSS files and images.

For this assignment you will be graded based on the quality of work you submit. It is very easy to make a basic website, but one that is consistent and thought through requires more work.

This assignment will become the basis for our work for the rest of the semester. Any issues or questions that you have can be solved during this time.

**Assignment specifics**

* Your website should contain at least 3 web pages. In addition to the three pages that you created for your wire frame diagram, an additional three pages can be chosen by you and created.
* Links should be working to allow a user to navigate from one page to another.
* Care should be taken when deciding the font size and style. These should be consistent between pages.
* Images should be included in your web pages. Ensure the sizing of the images are correct.
* CSS styling should be added into external style files instead of directly on HTML lines.
* Flexboxes should be used during the development in favour over older techniques.
* A sitemap should be included in your project.
* In place of text Lorem Ipsum should be used where required.
* On your website a rotating image tool should be added. This can be implemented using one of the JavaScript examples on Moodle.
* The ability to change the colour of link text when the mouse is hovered over a link should be added.

**A-Grade 10%**

Search Engine Optimization is an important component to ensuring a search engine such as Google can find your website. Make changes to your website to be search engine friendly. In a Word document, outline the changes that you made to the project.

**Deliverables**

* Please upload your work as a single zip file to the link titled “Assignment 2 uploader” on the Moodle course page. In this zip file you should include:
  + Your complete project.
  + Word document containing information about the SEO you performed.
* You must ensure that you are not late with your assignment as the Moodle uploader will cut off.
* Late submissions are not accepted.

**Plagiarism**

* Please note that no two assignments should be the same, this is considered plagiarism.
* No large bodies of code can be taken from the web and used in your assignment.
* All code must be your own or from samples in the lectures and notes.
* In cases where two assignments are the same, both students will receive a zero grade for this piece of work.