MAJOR ASSIGNMENT

30 March 2015

PROG8160

Directions:

The purpose of this assignment is to showcase the different abilities you have learned throughout this course and through the previous assignments. It will require a combination of skills.

I am open to accepting assignments that do not exactly follow the template below, if you wish to develop your own Web site or have your own theme in mind. If you do choose to create your own, it should have at least as much complexity as the assignment listed here. If you have any questions about this, feel free to contact me.

In this assignment, you have been hired by the Canadian Soccer League team, SC Waterloo, to build them a new Web site. You should not just mimic the current Web site. Their current Web site is:

http://www.scwaterloo.ca

The team is changing their logo and colours to green and yellow. You can copy and paste the logo from this document. You may resize the logo as you see fit.

1) You should have a common colour scheme shared across the entire site, using an external CSS file. This colour scheme should be related to the team's new colours of green and yellow. Any formatting done in this assignment should be done through the CSS. The formatting should include at minimum: font size, font colour, font type, and background colour. 10 Marks

2) You pages should have a menu for navigation, either horizontal or vertical. This navigation should be consistent throughout each page. 5 Marks

3) You should have a home page, named index.html which welcomes the user to the site and contains basic information and the team logo. 5 Marks

4) The home page should include a form which allows the user to input their name. Before a name is input into the Web site, the location where the name would go should say "Anonymous." When a name is entered into the form, the "Anonymous" should change to whatever was entered. This name should be remembered by the Web site through a cookie. If the user navigates away from the home page and later returns to the home page, it should display the remembered name. 5 Marks

5) The name form should only accept a-z, A-Z, and the apostrophe ' character. 5 Marks

6) Any scripting required should be included in a separate, external JS file.

7) You should have a page about the players, which includes a table of player photos and names. 5 Marks

8) You should have a page of recent news, with information in reverse chronological order listed under headings. The headings should be the title of the news and the date it was posted. 5 Marks

9) You should have a page of upcoming games, with the names of the teams playing, the location, date, time and space for a final score. This page should have the extension .php and create the table using php. In order to test this page, you will need to install Apache and PHP, and run your page in the Apache folder. Steps for setting up Apache and PHP if you need them are presented in a separate file on eConestoga. 10 Marks. If you choose to create this page as a regular html page, you can and will be awarded 5 of the 10 Marks.

10) You should have a gallery page, with pictures of games and fans displayed in an organized manner (you can gather any related photos from the Internet, they do not have to be from the real team or fans). 5 Marks

11) There will be marks assigned for creativity and creating a professional looking Web site. These marks will be given for sites that go above the basic requirements listed above. Things to consider for a professional looking Web site: fonts and text are appropriate and easy to read, pictures are a logical size and do not overlap with other elements, navigation is simple and intuitive, etc. Each page you have should have content, not be mostly empty space. 5 Marks

There are lots of things to get marks from for this assignment. I would recommend if you get stuck on any one item, move on to the rest of the requirements instead of wasting a lot of time not completing anything. Then come back to the ones you have difficulty with. Even if you are not able to complete one or two of the requirements, it is still possible to get a good mark. So use your time and effort wisely.

This assignment will be due on **April 12th** by midnight. This assignment is out of a maximum of **60** and **worth 9%** of your final mark. Part marks may be provided. Please collect all the files required to run your Web site as a zip and submit the zipped file on eConestoga. Ensure that when you unzip the file, everything is in its proper location and can be run. The easiest way to do this is to place everything in a root directory and zip that root directory. I would recommend before submitting the zip, to unzip it yourself in a separate location and check if it runs correctly.