CST8285 – Assignment #2: Enriching your Web Page [4%]

This assignment relates to the following Course Learning Requirements:

CLR 1: Write program code using structured programming, and top-down coding techniques
CLR 5: Modify an existing program according to program specifications

Objective of this Assignment:

The aim of this assignment is to add tabular content to the "About me" page you created in Assignment #1. We will interact as well with advanced HTML5 features that we will reuse later on in the course.

Pre-Assignment Instructions:

Big picture

Continue thinking of a product or service you want to provide to a community or to the world. This can be real or fictitious. The main thing is that your product/service needs to be offered in a quantity of an item

In the first assignment of this course, you created the basic "About me" page. We will revisit it later on to put more style and revive it, but for now, let's add a bit more data to it.

Assignment Tasks:

Challenge 1

Add the following to "About Me" page from Assignment 1:

-   A timetable where you will list all days of the week in columns, including weekends.
-   Your rows will include the following information.
    -   Starting from 8:00am until 4:00pm.
    -   This time should be grouped into ½ hour sections (rows wise)
-   You need to pre-fill the timetable to reflect a week of mocked up bookings.
-   Some appointments need to be of 1 hour block, 1.5 hours block and **1/4-hour block**. Your rows need to be in ½ hour blocks; i.e., each row is a ½ hour and within it, you need to have couple of ¼ hour appointment. Do not make all your rows ¼ hour blocks, this is not the point here; this will result in points deduction!
-   Ensure you account for lunchtime everyday in order to maintain work-life balance!

- Note: You want to accommodate your clients, so your lunchtime will vary every day between 11:00 AM and 2:00 PM (any ½ hour block in this interval is fine).

Challenge 2

In a file called contact.html, you need to create a form with an action to send an email to a sample email address (email@email.com or any format wise valid email address). This form needs to have the following list of fields:

- A head with a title
- <body>
    - <div id="top">
        - <header>
            - <h1>Contact Us</h1>
            - A <p> element with the following information
                - Please complete the information below. Fields marked with * are required fields
        - </header>
        - <div id="data">
        - Form with method="post" and action to send an email to a sample email address
        - <fieldset>
        - <legend> Your Data </legend>
        - A table with the following rows, and their type:
            - First Name*, text input
            - Last Name*, text input
            - Street Address*, text input
            - City*, text input
            - Province*, a drop-down list (select option) with all 13 **digraphs (using anything other than a province diagraph will result in a point deduction)**
            - Postal Code*, text input
            - Email Address*, text input with validation to accept only a valid email address format; i.e. <partA>@<partB>.<partC>
            - Phone Number*, text input with validation to only accept 10 digits and nothing else
        - </fieldset>
        - <fieldset>
        - <legend> Agreement </legend>
            - A checkbox with "Accept Agreement"
        - A clear button is required to clear all selections and text field. *I should not be able to submit the form without the checkbox selected*

- A submit button that should launch the default email client with the To field filled with the email address set.

When I click on Submit, I should see my Outlook popping up (could be Gmail or whatever your default email client. If you copy some

code off the web and Submit points me to a php form, this will result in 40% points deduction.

Once you are done with your html file, you need to validate it and make sure no errors are left in it. **HTML errors result in points**

deduction !

Submit it through Brightspace's Module 3 Assignment 2

Reminders

- ➢ It is important for you to use a regular text editor like a Visual Studio Code (VS Code), Notepad, Notepad++ or something very similar to this and not an IDE; i.e. no Eclipse, no Dreamweaver and nothing like these fancy programs. I highly recommend using VS Code. Using other than a standard editor will result in a zero.

What to submit *(through Brightspace)*

Submit your project through Brightspace and in a **zip file** containing all the files listed below:

<aboutme.html>

<contact.html>

<Any other file like .jpg or whatever it can be>

- ➢ **Put your two .html, .jpg and any other related set of files in a ZIP file (ex. A2.zip)**