COMP 1950

Project: Final Project – Create a COMP 1950 Course Website

Course Value: 30%

Due: End of day on the last day of the course – 11:59pm

Project Description:

Develop a 5 – 8-page (or more) website as part of a team for the BCIT COMP 1950 course that meets the website specifications as laid out in the "comp-1950-final-website-specs" file

Instructions:

1. Create a team with one of your fellow COMP 1950 students. If the class has an odd number of students, then one group may consist of three students
2. Develop a website for the BCIT COMP 1950 course that meets the site specifications as laid out in the "comp-1950-final-website-specs" file and in addition to those specifications, also meets the following project requirements
   a. This web site must use Git and GitHub version control
   b. This web site must use SASS to develop the CSS
   c. The HTML and CSS code must be valid
        i. To validate your HTML code visit:
            1. https://validator.w3.org/
        ii. To validate your CSS code visit:
            1. https://jigsaw.w3.org/css-validator/
   d. All HTML / CSS / JS / and images and related media files must have web safe filenames
        i. All filenames should be lowercased
        ii. All filename should contain only alpha-numeric characters and/or "_" or "-" characters
   e. Web site files should be properly organized
        i. All image files inside an "images" folder
        ii. CSS files in a "styles" folder
        iii. JS files in a "scripts" folder
   f. The home page of your web site should have the file name of "index.html"
   g. The web site can use PHP if you wish, but this is optional
3. When you have completed the above steps, one member of your team must upload your site to their personal COMP1950 web space via FTP

4. *****IMPORTANT***** Once you have completed step 3, create a plain text file or a PDF document or a Word document that contains the following:
   a. Lists each member of your group with their BCIT Student number. For example:
      i. Joe Smith: A00123456
      ii. Sarah Richards: A00123457
   b. A link to your project's GitHub's public repository
   c. a link to your website's project.
5. Save this file and upload it to the dropbox for the Final Project located on D2L
6. *****IMPORTANT***** In the comment section for the dropbox for the final project include the following:
   a. Lists each member of your group with their BCIT Student number. For example:
      i. Joe Smith: A00123456
      ii. Sarah Richards: A00123457
   b. A link to your project's GitHub's public repository
   c. a link to your final project

Notes

- Each member of the group will receive the same mark

Marking Criteria

- **All Technical Requirements Met:**   **05 marks**
  - Followed all the instructions as set out in the instructions section of this document
- **HTML / CSS Code Quality:**   **10 marks**
  - Is the code error free and valid?
  - Proper use of semantic tags
  - Proper use of "alt" text for images
  - Is the CSS code properly organized?
  - Is the HTML form written correctly
    - Do the inuts have corresponding label tags
- **Design and Usability of the Website:**   **15 marks**
  - Does the web site follow web design best practices?
  - Is the content laid out in a professional manner
  - Is the content properly aligned
  - Is the content properly spaced out
  - Are related items placed together in logical groups?
  - Is the text content easy to read?
    - Is the text nicely spaced out?
    - Does the text have good contrast against its background?
    - Are long passages of text broken up with headings?
  - Is the web site easy to use?
  - Does the web site use a clear and consistent navigation across all its pages?
  - Is the web site usable on devices of various screen sizes? This site will be tested for usability on screen sizes between 320px to 1920px

Marking Summary

- Technical requirements met: 05 marks
- HTML / CSS code quality: 10 marks
- Design and usability of the website: 15 marks
- Total: 30 marks

Other Information

- If you have any questions or require assistance, please email me at: Michael_Whyte@bcit.ca.