ITC5202: Assignment 1

In this assignment, we are practicing how to develop a valid/well-formed XML document. You may need to study the class slides of week 1 to week 2.

Submission Deadline: Monday January 29, 2024@11:59pm

Assessment Weight: 5% of your final course Grade

Total Marks: 10

Instructions

Download the a1.xml and store it in a folder on your computer. Complete the following steps, including answering any Theory questions:

1. Open a1.xml with your browser. Are there any errors? Explain the errors and fix them. **(1 mark)**
2. Add a comment line to the end of a1.xml which contains your name and Humber id. **(1 mark)**
3. Identify prolog, document body and epilog in the document using comments. **(1 mark)**
4. Create an inline DTD (Document Type Definition) for this document. Make sure to cover all elements. **(2 marks)**
5. Verify a1.xml is well-formed and valid using an online tool. **(1 mark)**
6. Create a css file (yourname_style.css) and link it to a1.xml. In the .css file, add rules to apply the following styles **(1 mark)**:
   a. Set the font-size of 'title' to 3em
   b. Set the font-size of 'originalName' and 'category' to 2em
   c. Display each 'category' and 'originalName' on a new line.
   d. Apply `white-space: pre-line` to `summary` and `description` elements
   e. Use your creativity to add at least one other style
7. Are there any processing instructions in your XML document? If so, identify them **(1 mark)**
8. What are the CDATA (character data) blocks used for in this XML document? **(1 mark)**

Submission

- Submit all XML/CSS files
- For the theory questions, save your written answers in a Word file. Take a screenshot of the final a1.xml document opened in the browser and add it to Word file and submit the file.
- Record a short video in which you present your solution. (2~5 minutes) **(1 mark)**
- Do _not_ zip the files. Upload each file separately.
- Submit all files to Blackboard->Module 3->Assignment.
- Standard Late Rules apply.