Advanced Web Programming

Midterm Project

Your midterm assignment is to build a well-formed XML file and validate it with and an accompanying DTD file. You must do this with a text editor and without the help of Dreamweaver or any other WYSIWYG editor. You must use a simple text editor only. The page must include the features noted on the Web Site Evaluation form that you will find at the class Web site. It is suggested that you download the form and use it as a checklist in completing your midterm project.

You may use any topic of a professional nature you choose. This work is not for a display of your personal life. However, it may exhibit your professional skills, talents and accomplishments. You may also do your work for an existing or fictitious business. Make your topic something that is of interest and use to you.

Your work must contain at least 15 instances of element clusters, and each cluster must include at least five elements. At least one element in each cluster must contain significant informational detail. Be sure the XML file validates either to a DTD or XSD. In addition, write an XSL with accompanying CSS that will give the XML file an aesthetic presentation in the browsers. The XSL must sort the XML data by a minimum of one criterion.

A word about earning an A grade: If you complete only the above requirements, your grade will be a B. It is essential that all of the requirements are met. In order for the grade to go to an A, you must include an aesthetically pleasing project. This is where your artistic design and portfolio quality will receive credit. If you have any questions regarding this, it is your responsibility to ask the instructor.

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Midterm Evaluation

Assignment

Midterm Project	Student Name:			
	Grade:	Points: 190/190	Percent: **100**	Letter: **A**

Adherence to assignment

Project involves a professional topic	20	**20**
XML provides at least 15 instances of element clusters	20	**20**
Each element cluster contains at least five elements	20	**20**
At least one element provides significant informational detail	20	**20**

Technical considerations

XML file is well formed	20	**20**
XML file validates to a DTD	20	**20**
XSL file is linked to the XML	20	**20**
XSL sorts the XML data with at least one criterion	20	**20**
CSS file is linked to the XSL	20	**20**

Professionalism

XML/DTD/XSL/CSS combination is visually presentable in Internet Explorer or Firefox	10	**10**
Contents of XML file are presented in a meaningful context	20	**20**
XML/DTD/XSL/CSS combinations maintain a professional appearance	20	**20**
Meets project deadline	30	**30**

Address of contact person

Your name on the project?	10	**10**
Total Points	**100**	**190**

Comments:

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