Advanced Web Programming

Final Project

Your final assignment 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 that form and use it as a checklist in completing your final project. You must do the project with a text editor and without the help of Dreamweaver or any other WYSIWYG editor. You must use a simple text editor only.

You will use XSLT to accomplish minimally the following two implementations of the XML code you developed for your midterm project:

- Provide an XSL home page that navigates to the various presentations of information found in the XML file.
- Provide at least three XSL presentations from the XML code beyond the home page. Each presentation must have a link to the home page as well as to the other pages.
- Use XMLDom to extract information from the XML input file and incorporate it into the XSL style sheet.

NOTE: Your project must be loaded and operational on the DigiCom server. No other server will be allowed for submitting the project. As a safety measure, be sure you can present it from a local drive in the event the server cannot be accessed. When you present the project, be prepared to do the following:

- Explain what was involved in the development of the Web site.
- Explain any problems you encountered with the project.
- Explain how you solved those problems.
- Explain five things you learned about the Internet, HTML and/or Web site development from doing this project.

No late final projects will be accepted. Anyone attempting to turn in projects after deadline will receive an automatic zero. No exceptions. You may obtain your project evaluation online.

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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Final Evaluation

Assignment

Final Project	Student Name:			
	Grade:	Points: 390/390	Percent: **100**	Letter: **A**

Adherence to assignment

Project reflects a professional topic	20	**20**
Project provides sufficient textual detail to be useful	20	**20**
Project includes at least 15 instances of informational clusters of elements	20	**20**
Each informational cluster contains at least five elements	20	**20**

Technical considerations

XML file is well formed	20	**20**
XML file validates to a DTD	20	**20**
XML file responds to the style definitions of an XSL file	20	**20**
XSL file responds to a CSS file	20	**20**
XSL calls picture appropriate for each item in the XML collection	20	**20**
XSL file calls specific info from the XML file, sort it, and display it in a table	20	**20**
Browser displays the result of at least one Boolean statement	20	**20**
XSL file include at least three templates in addition to the root template	20	**20**
Project uses the binder to involve at least three uses of the XML file	50	**50**

Appearance

XML file is aesthetically presentable in a Internet Explorer or Firefox	20	**20**
CSS causes the display of fonts, colors, spacing, margins and alignment	20	**20**
Contents of XML file are presented in a meaningful context	20	**20**
XML/DTD/HTML/XSL/CSS combination maintains a professional appearance	20	**20**

Address of contact person

Zipped folder containing project files sent to instructor's email	10	**10**
Your name is on the project	10	**10**
Total Points	***390***	***390***

Extra Credit Features

Project allows user input for sorting contents of XML source		**50**
Project provides a way to perform at least one type of search of the XML source		**50**
Total Extra Credit		**100**
Total Points		

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Comments: