Midterm Project: XML Application Presentation
ECT 360, Prof. Robin Burke
Fall 2004
Due: 10/6/2004

Objective:
Research and present an XML application.

What to do:
This is a project for two-person teams. Find a partner that you will work with for this assignment. You do not have to have the same team for the final project. With your partner, use the web and other resources to identify an XML application that you would like to present. The notes below include a few example possibilities but there are many more. Have one or two backup options available, as there will be no duplicate presentations.

Send a single piece of email to the instructor stating the names of the two partners and the chosen applications listed in order of preference. This proposal is due on 9/15. Soon thereafter I will let you know what the assignments are. Hopefully, there will not be any conflicts.

Research your XML application and develop a PowerPoint presentation for the class. You will have a maximum of 20 minutes to present plus several minutes for questions. Your presentation should cover the following:

- The history of the application and its standardization status, if any. What problem does the XML application solve? Who uses it? Who proposed it? What stages of evolution has it gone through?
- The features of the language and the XML features that it uses. Does it build on other XML or web standards? Does it augment or replace other XML applications?
- Examples of XML documents from the application. What do typical documents look like? These can be examples you have found in your research or ones that you have written yourself.
- Examples of applications that use the language – system demonstrations would be ideal, but will not be possible in all cases.
- Resources used and credits. One slide should list the resources that were used to research the presentation and credits for any examples or figures that were used.

You should think of your fellow students as the audience and aim to inform them about the XML application as potential users of the technology.

What to turn in:
On 9/15, send your email to the instructor as described above. Wait for confirmation before beginning your research.

Before class on 10/6, you should submit your PowerPoint presentation to the Course On-Line site. Only one member of the team needs to do this. The presentation is due before class. Bring a copy on floppy, CD-ROM or alternatively, post the presentation on the web to be downloaded to the classroom machine.

Hints and Notes:
- Here are some possible XML applications that could be topics for this assignment: SVG, VoiceML, XSL-FO, MathML, SMIL, SOAP, WSDL, UDDI, BPEL4WS, XBRL. You need not limit yourself to these. Here are some resources that can help you find others:
- You may not present on any of the Semantic Web languages as these will be the topic of our reading and discussion in Week 10: RDF, RDF-S, OWL. Also, off limits are the XML applications that are some of the main topics of the course: XML Schema and XSLT.