**DUE (PRESENTING) - GROUP B (12/05/16)**

**Site reqs (short):**

* **SELLING SOMETHING - 3 pages**
* **Schema for each page**
* **Format with CSS (incorporate classes and ids)**
* **NEED XSL TEMPLATES - minimum two, five for most credit (tut. 5, 6)**
* **XSL computational code (tut. 6)**

**Site ideas:**

* **PUBLIC: train ticket, metrocard prices**
* **PRIVATE: Selling used cars, bikes, running sneakers**

### **General Information**

This final project will represent the culmination of the concepts you have learned this semester as well as those you have learned in prior courses. Your site should represent and demonstrate some simple e-commerce characteristics in that some type of product is illustrated and offered for purchase.

Projects will be presented to the class and are to be submitted on disk (CD) only on the date of your presentation. **Students should be prepared to leave disk with professor and understand that their work may be used as an example for students in future classes.** Presentation dates will be assigned at random. No changes to the date of your presentation will be allowed.

### **General Requirements**

* Use of images.
* Use of color and contrast.
* Incorporation of other programming languages such as JavaScript or Java (Up to 10 points in extra credit based on complexity of the code incorporated.)
* Websites should demonstrate good basic design concepts. You should consult some design resources. Check with the Farmingdale State College Library, various websites and Dr. Schoenacher for resources.
* The site must contain at least three (3) web pages.

### **XML/XSLT Requirements**

* Unique topic of site. Topic should be chosen as early as possible to insure your choice.
* Create 2 XML vocabularies. This may be the same as those used in the Midterm Project. Some modifications are acceptable.(5)
* **Utilize namespaces. These may be the same as those used in the Midterm Project. Some modifications are acceptable. Elements and attributes do not need to be qualified. (5)**
* Include a schema for each page. These may be the same as those used in the Midterm Project. Some modifications are acceptable.(15)
* Format your document using CSS--more complex stylesheets incorporating classes and ids receive greater credit. (10)
* **Format your document using XSL and XPath. The use of a minimum of two XSL templates other than the root template in an .xsl file is required. More credit is earned for each additional template. Three total templates = (10) Four templates =(15) Five templates =(20)**
* **Incorporate XSL computational code using concepts from Tutorial 6. Calculations and Formatting =(5); Functional programming = (10)**

### **Grading**

* Creativity (10 pts)- Use of varied techniques are incorporated to make the site attractive, interactive and dynamic
* Readability (10 pts)- Use of Web development and planning concepts that help create a user-friendly site that is easy to read
* Navigability (5 pts)- Use of Web development and planning concepts that help create a user-friendly site that is easy to navigate from page to page
* Ability to explain how the site was created (10)-Students will be asked to explain their code.