

## CSI 3140

### WWW Structures, Techniques and Standards

#### **Assignment #2: server-side programming of your project**

**Due: Friday, February 26<sup>th</sup>, 2010, at the beginning of the lecture**

**Goal:** Implementation of the server-side functionalities as identified in assignment 1

**Mark:** 25% of the project's total mark

#### **Details:**

In your first assignment, you have identified a number of functionalities that will be implemented client-side, and others to be implemented server side. You will be doing the client side for the assignment three. First, you need to implement the server side functionalities using Java servlets.

This implementation should provide all the functionalities that were identified for the server side. It should normally simply integrate with the pages that you have already developed, compensating as much as possible for the fact that client-side programming is not yet present. Do not hesitate to modify your client pages if you think that it is necessary.

Your code must be strong and not crash if the user makes an error. It should also be well written, without confusing “coding short cuts”, meaningful function and variable names and **useful** comments (pointless comments are no better than lack of comments).

**Deliverables:** you must provide an electronic version of your **working** program, and a short report describing what you have done and how you have done it, including a description of the architecture of your code. Explain what techniques seen in class you have used, where and why. Your deliverable should be easy to deploy. Do not use databases for storage, rather local (XML) files for the time being. If you make use of libraries, make it very clear: we should be able to know what code is yours.

*Check your documents for spelling and grammatical mistakes. Poorly written projects will receive poor mark.*

*Laboratory projects can be done in groups of 2. The work should be divided equally; all members of the team will receive the same mark.*