

CSI 3140

WWW Structures, Techniques and Standards

Assignment #4: enhancements and project review

Due: Monday, April 12th 2010, 11:00 pm

Goal: Enhance your project with JSPx, MVC and general wrap up

Mark: 40% of the project's total mark

Details:

You have now a fully working project. The last step is to revisit the application as a whole and adjust it as necessary: code, architecture and everything that can be improved now that all the pieces are here. One particular important improvement to make is to fully use JSPx technology, Java beans and the Model-View-Controller design pattern.

Again, focus on Firefox support; this will be the browser used for testing. Your code must be strong and not crash if the user makes an error. It should also be well written, with the variable declared, without confusing "coding short cuts", meaningful function and variable names and **useful** comments (pointless comments are no better than lake of comments).

Deliverables:

You must provide an electronic version of your **working** programs, and a final report describing your project: what you have done and how you have done it, including a description of the architecture of your code. In particular, explain:

- The architecture modifications that you have done using JSPx, Java beans and MVD.
- What other modifications you have done on the deliverable of assignments 1, 2 and 3 to improve the project. Provide a clear change log.
- A concise, professional user manual for your application
- A roadmap for the future of your application (features that you could add, technologies that you would want to use, ideas that you might have to turn your project into a successful and widely used software etc.)

It is your responsibility to provide a working package.

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.