

CMSI 370

INTERACTION DESIGN

Fall 2009

Assignment I029

For this assignment, we practice some “transference” to a different user interface technology: XHTML, CSS, and JavaScript. The task is similar to before (user interface facsimiles), with a slight leaning to the new interaction design topic at hand: menus, forms, and dialogs.

Not for Submission

By October 22

Create and commit stubs for your pseudo-facsimiles, even if they’re just standard XHTML “starter stubs” and empty CSS or JavaScript files. This will allow you to ask questions on October 22 regarding XHTML/CSS/JavaScript issues that you might have encountered.

By October 27

1. Read Chapter 7 from Shneiderman/Plaisant.
2. If you have the recommended textbook, read Chapter 5 from Toal/Dionisio.

Extra Credit

You will get extra credit if your websimile, particular your menu bar, exhibits special visual effects such as fades and animation. Make sure to tell me that you have such effects lurking, so that I know where to look and how to see them (and credit them, too!).

For Submission

1. Reimplement/adapt *one* of your Swing user interface facsimiles for Google SketchUp and Second Life in XHTML/CSS/JavaScript.
2. Implement at least one layer of the *menu bar* of the corresponding application at the top of your facsimile XHTML page, including the behavior of making menus appear or disappear when the user clicks on a top-level menu item.

As you can see, this is more like a “pseudo-facsimile” than a “real” facsimile. In addition, you are asked to do an additional, web-specific task for delivering your work (see below).

All of your files should validate according to the tools in the W3C Markup Validation Service at <http://validator.w3.org>.

How to Turn it In

1. Commit/work on your pseudo-facsimile under *homework/cmsi370/websimile*.
2. “Publish” the final version of your “websimile” on your Keck lab-provided home sites. The final URL of your websimile should be:

http://www.cs.lmu.edu/~username/cmsi370/fall2009/websimile

3. This is how I will retrieve and run your work:
 - Visit the published version of your pseudo-facsimile at the above URL
 - Have W3C’s validator scan your XHTML and CSS files
 - Have *JSLint* scan your JavaScript files
 - Checkout each directory from CVS
 - Make comments/mark up the CVS copies of your files