Northern Marianas College

CS 222 – Web Site Design

Assignment 3: First Web Site

Objective:

This project requires the creation of a minimum of two XHTML 1.0 strict documents: your home page and your personal resume. From this experience you will learn how to use XHTML codes to describe the structure of a document, place graphics on a web page, and create hyperlinks within and between pages. All XHTML used for this project MUST be hand coded using a text editor. XHTML documents created using a word process will receive no credit. You will also learn the necessary procedure for uploading pages to a web server.

Requirements:

For this class you are required to use a web hosting service to serve up your website. I recommend 50webs.com be used for this class and will demonstrate how to upload to this site only. 50webs membership is free and you receive 60 MBytes of web server space. Register after class from your home computer at http://www.50webs.com

Create a minimum of two XHTML documents. The homepage filename must be called index.html and be placed in the root folder for the web site. The resume files will be placed in a separate folder called resume. The resume page should be called index.html and placed in the resume folder. All documents should be optimized for viewing on an 800x600 display.

All documents for this project must be valid XHTML 1.0 strict code. All documents must for this project must be hand-coded using a text editor. Word processor generated pages will receive no points for this assignment. Notepad that comes with windows will work. However, it lacks many features. My recommendation is either TextPad or jEdit. All documents must have the lower case extension "**.html**".

Your documents will require the use of XHTML block level elements to describe the structure using headings, paragraphs, and lists. This structure will be most defined in the resume document. Also utilize some inline elements (br, img, strong, em, sub, sup, abbr, big, small, q, or code) and special character markup in your documents.

Begin with your resume document which will require the most structure. The resume should fill at least one complete 8.5" x 11" page when printed using normal sized text. It should include sections for education, employment experience, skills, and personal information (i.e. favorite movies, music, books, sports, activities, etc.). Your resume page must include a link back to your home page and at least three links to web sites of employers or educational institutions. Your resume should also at least three internal links to scroll down or up the page.

The home page needs to have your name, your email address contained within an image, and links to your resume and topic web pages. Include at least two graphics to enhance your home

page, but don't get too cluttered of a look. There are many sites on the web that have free graphics available for download such as http://www.iconbazaar.com, http://www.freebuttons.com, and http://www.google.com. A visitor counter would also add a nice touch.

You must do the following three steps to present your project:

1. Upload the web document files and all associated graphics files to your web site before the due date. Always upload files from your computer but do not download them or edit them online.

2. Provide your instructor with single sheet of paper that includes your name, URL, email address, and topic. Also write a summary section describing your experience with the project. Describe extra work, coding problems, and what you learned from the experience.

3. You will do a 5 minute presentation to the class, presenting your web site using the instructors computer set to 800x600 with the SVGA projector. Save all associated files to your USB drive in the even you have a problem with your web site.