

## **CIS 3.5, Spring 2010, Project I — Web programming and Web design**

(You own, personal, course website)

### **1 Overview**

- This is the project for unit I of cis 3.5.
- This project covers basic web programming and web design.
- The project is due via email on Monday, March 8th, 2010.
- Email the project to: meyer@sci.brooklyn.cuny.edu.
- PLEASE zip all your files together and send them as ONE attachment. See the class web page for PROJECT SUBMISSION INSTRUCTIONS. Note: You will be sending me a folder containing a website and a document describing the layout and formatting choices you made in your website.
- The project is worth 15% of your term grade. It will be marked out of 15 points.
- The project has three parts (Each part is worth 5 points):
  1. Two new authenticated XHTML pages.
  2. Two new authenticated (contrasting) CSS style sheets.
  3. A website review document (1 page).
- The first and second parts are HTML and CSS pages, to be written using a text editor and submitted as HTML and CSS files, respectively, as part of a complete website package. The 3rd part contains written documentation, to be written using a word processor (e.g., in Word) and submitted as a PDF file (preferably), describing the choices that you made in your website.

**Warning:** please do NOT put anything on your website that is inappropriate or that you don't want others to see. You will upload your website to a class webserver later in the semester, and everyone IN THE CLASS will be able to see it.

### **2 Project Description**

- The purpose of the project is to create a **website** that contains general information about you, and that will be used for the rest of the semester to display the projects that you will create during this semester.
- You have already created one webpage and one CSS page as part of lab I.3. As part of this project you will create (and validate) 2 more XHTML pages, and 2 more CSS documents.

#### **2.1 Folder layout**

- All of your files will need to be in specific folders. You can begin by downloading the website development kit from the course website, and unzipping it to your USB drive.
- Find the folder that is labeled yourlastname and rename it using your last name.

#### **2.2 Two XHTML pages (5 points)**

Your final website will contain :

1. A homepage (new):

- Filename: index.html
  - Location: Top level folder (the one that you renamed).
  - Title: <YourLastName> - CIS 3.5, Spring 2010
  - CSS Sheet: This webpage should link to a css sheet in the css folder called active.css
  - Layout (these things, in this order):
    - At top, Your Name, Course Name, Course Semester.
    - A horizontal line.
    - A links section with links to the other pages in your website.
      - aboutme.html
      - yourname-home.html
    - A horizontal line.
    - At the bottom of the page, a centered link, titled 'home', that points to the class website.
    - Verification tags for XHTML and CSS
2. An "About Me" webpage (new).
- Filename: aboutme.html
  - Location: Top level folder (the one that you renamed).
  - Title: <YourLastName> - About Me
  - CSS Sheet: This webpage should link to a css sheet in the css folder called active.css
  - Layout (these things in **any** order):
    - Your full name.
    - A brief (1-2 paragraph) description of you as an individual.
    - An ordered list of 10 things you want to accomplish before you die.
    - A table containing the name, description and requirements for 3 careers you are interested in
    - A description of one or more hobbies or interests (favorite author, favorite band, favorite sport)
    - 3 distinct pictures (used appropriately)
    - A centered link, titled 'home', that points to the index page you created for the website (preferable at the bottom of the page).
    - Verification tags for XHTML and CSS
3. The files you created in lab I.3.
- Take the two files that you created in lab I.3 and put them both together in the folder called lab\_I3.
  - You will create on the index.html file, in the links section, a link to the the yourname-home.html page.

## **2.2 2 Two CSS pages (5 points)**

- Create two CONTRASTING cascading style sheet (CSS files) that specify visual properties for the new webpages on your website.
- These files should be places in the css folder of your webpage.

- Set at least 10 different properties in total, for the different components, such as: background color, text, color, border, etc in both of your CSS files.
- In both CSS sheets you must create custom specifications for the following tags:
  - body
  - p
  - h1, h2, h3, h4, h5, h6, h7
  - hr
- You must also create and use at least one custom class or custom id in your aboutme.html file.

**2.3 A one-page word document describing/defending the choices you made in your website. (5 points)**

- Create a 1-page WRITTEN DOCUMENT (using a word processor, like Word) that describes the layout choices that you made in the aboutme.html file and the formatting choices that you made in each of your CSS sheets.
- Select at least 5 different design rules that we looked at during the first lab. Explain how your design adheres to those rules.
- Write in clear English. Check your grammar and spelling. Save your document as PDF, if possible.
- At the bottom of the document include 1-2 sentences about any problems that you encountered.