ISTE240 – Web and Mobile II
Individual Project - Midterm Assignment
Due: Check MyCourses

Overview: Create a web site about a place where you've lived or visited. The website should include at least 10 content pages – not including a 'contact' or 'about' page. You will be graded on your basic design, organization of information, content, navigation and use of HTML5 and CSS3 (both text and positioning). Include as a part of your project a separate linked page documenting what you have done in each grade category, and a separate page to cite any sources you used. That adds up to at least 12 pages altogether.

The Details: Your website should include at least 10 pages of information about this place (that's 10 separate .html files, including the homepage), with an index page located at people.rit.edu/[abc1234]/ISTE240/project1/index.html.

You must write all materials for this individual site in your own words. You may not use anything from anywhere else at all. You may obtain images for the site, but you must create all graphics for this site. You may not use anything from anywhere else at all but the photographs. In other words, this is an original website that you make all by yourself (and be sure that the 'obtained' images are properly cited).

Design: Divide the content up into appropriate "chunks" of information, and design the site in a way that enhances the presentation of the content. This means you need to think about how to organize the site, how to label it, and how to navigate through it, keeping your audience in mind. Your work will be evaluated on the quality of your content, as well as your information organization and navigation.

Use CSS for text formatting and layout. Do not use inline or document-based styles unless appropriate (and I expect a comment in each case as to why).

Browsers and Screens: You can assume your users will be using a current generation browser(s) to view your pages, but don't assume that it will (or won't) be IE, or that it will be a specific hardware platform or screen size. So use media queries to enhance the experience on small screens.

Some graphical and interaction design notes:

- ☐ It should be obvious to a site visitor that all pages are part of the same site. Use repetition. Include the same components on all pages: site title, site logo, formatting (page title, content, navigation).
- ☐ The global navigation should be accessible on all pages. In other words, a site visitor should be able to jump to any top-level page from any other page within the site.
- ☐ Prevent your site visitor from getting lost. At a minimum, there should be a page title on every page. Breadcrumbs can be very helpful, especially the page is more than two levels deep. Add clues as to what page I'm currently in!
- ☐ Make your site easy to navigate – both between pages and within pages. If you have pages with long content, consider a 'back to top' link at the bottom of them. Consider a navigation system with fixed positioning.
- ☐ Page titles (title tags) should reflect the actual content of the page, not just be something generic, like "John's site about NYC".
- ☐ Your site must display well across all major, modern browsers. If you use a technique that is not supported by a particular browser, make sure it fails gracefully. DO NOT use WordArt (for anything, ever).

Some content notes:
- ☐ You should have a map. Your site is about a physical location, after all, and a picture is worth a thousand words. The map should relate to your content. If you find a map that mentions a bunch of tourist spots, but none of them are mentioned in your site, that's not the map for you. Don't be afraid to use more than one map, e.g. one that shows places you mention within your site, another that shows where your location is within the surrounding area, etc.

- ☐ Unless you took the photos yourself, there must be an explicit citation for each photo that accompanies each photo.

- ☐ You are being graded on your content. Do not expect two sentences to sufficiently describe your location.

- ☐ Write the content as if you would actually want to read it yourself. Try to convince site visitors that this is a place they would really want to visit. Don't be lazy on this!

The Reference Page
You must cite all of your references on your 'references' page. This is page does not count toward the requirement of 10 content pages.

The 'grading' page
You must include a page that documents all of the things you've done in this site that satisfies the grading criteria. This is page does not count toward the requirement of 10 content pages.

There should be NO typos.
Spelling should be perfect. Grammar should be excellent. If English spelling or grammar isn't your best subject, get someone to proofread your site.

Some code design notes

- Make sure your code is easy to read. Use plenty of whitespace, indentation, and comments. INDENT!
- Your code structure should make sense (one CSS file linked to all pages; similar CSS selectors grouped together; no HTML tables for non-tabular data).
- Your CSS file should be commented
- You must use HTML5 and all pages must validate – submit your URL for the validation.
- You must use HTML5 semantic/structural elements where appropriate (header, aside, article, nav, footer etc.)
- You may not use any code (including HTML and CSS) that you did not write yourself.

Grading Criteria
You will be graded on your:
☐ Good Design Techniques – CRAP
☐ Organization of information – text and graphics make sense
☐ Content – interesting read, excellent grammar, perfect spelling
☐ Navigation – easy to get around, intuitive, well labeled
☐ Use of HTML5 and CSS3 (both text and positioning)
☐ A separate linked "Reference" page (in addition to the 10 required content pages. You will lose 10% for not having a "References" page.
☐ Document what you have done in each and every grading category above, which is linked from your homepage.

To receive an A your site must be well written, have excellent graphics that flow with the text, and be appropriately organized. It must be way above average. Just Beautiful!

We will discuss more on this project in class in the coming days.
P.S. – The final individual project will be re-visiting this site, adding in a bunch of technology. The more complete you make this version – the less you will have to correct on the final version! The final version will also be responsive for mobile, but you can do that now if you wish!