

Project 2 (160 points)

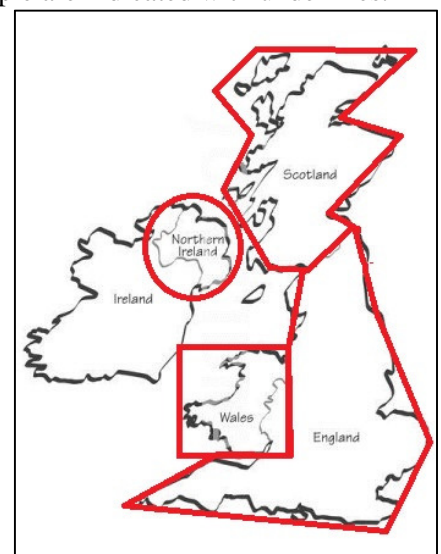
~ **Electronic Submission in Canvas:** No later than 1:00 PM (in Las Vegas, NV) on Friday, 8 December 2017. Late projects will be accepted *only* during the 48 hours following this deadline; they will be penalized 40 points.

1. Create a website with a home page (index.html) and at least 3 additional pages with the theme of *vacations*. In addition there must be a design reference page.
 - ☐ (4) On *each* page include the elements (tags) required for a basic HTML5 document, along with reference to modernizr-2. Identify yourself as author by putting your name in the author meta-element within the head element.
 - ☐ (4) The website must include at least four (4) images of your choice, but they must be (broadly) consistent with the theme of *vacations*. One of these images will be used as a background image for all your webpages; one will be used as a marker for an unordered list; the others will serve to add interest to your website. Do not use images from class, from your first project or from the textbook. Adjust the sizes of the images as needed. All images, including the provided UK_outline.jpeg, must be stored in a separate images folder. In addition, include all your images on the design reference page using `<figure> <figcaption> </figcaption></figure>` structure to document your sources.
 - ☐ (4) For the content of your website you must use place-holding text provided for you in *placeholders.txt*. Be sure that you replace characters with special characters (curly quotation marks, curly apostrophes, em-dashes, etc.)
 - ☐ (3) Your html and css documents must be produced using a text processor, such as NotePad or NotePad++ on Windows, or TextEdit on the Mac.
 - ☐ (3) Use white space in your html and css files for easy reading.
2. Include the following (do not use examples from class or from the textbook):
 - ☐ (6) At a minimum, you must include *header*, *nav* (can be within the header element), *main* and *footer* elements on each page. The footers must include your name, the course number, the course title, and the semester.
 - ☐ (3) You must include an *aside* element on at least one page, as part of a 2- or 3-column layout.
 - ☐ (4) Include headings and paragraphs from *placeholders.txt*. Each page must include an h1 heading, a minimum of two h2 headings, and a minimum five (5) paragraphs.
 - ☐ (4) The website must include at least one ordered list and at least one unordered list; one of these lists must contain a nested list. Lists-as-navigation will not fulfill this requirement.
 - ☐ (2) Within the content of your website you must include hyperlinks to at least 2 websites relevant to the theme of *vacations*.
 - ☐ (6) Navigation on each page to move from page to page, to download Project2.pdf, *and* to your website on the “Bellagio.csn.edu” server. The current page must not have an active link. For example, if you are on the Eco-Tourism page your links would appear as

[Home](#) | [Cruising](#) | [Eco-Tourism](#) | [Camping](#) | [Design References](#) | [Project2.pdf](#) | [Bellagio.csn.edu](#)

where Eco-Tourism is not an active link; the active hyperlinks in this example are indicated with underlines.

- ☐ (7) Use *UK_outline.jpeg* as the basis for an image map. Create the hotspots for England, Northern Ireland, Scotland and Wales (use image to right as a guide for the shapes of the hotspots – outlined in red) *and* corresponding text links (for visually impaired). Use the image map and text links to jump to the relevant terms in a description list placed on the same page (provided in *placeholder.txt* file).
- ☐ (10) One table (minimum of 8 rows, 5 columns) containing a header row and data, as well as caption, thead, tfoot, and tbody elements. Include two examples of merged (vertically and/or horizontally) cells. (Do not use examples from class or the textbook.)
- ☐ (10) A form which includes fieldset(s), legend(s), textbox, textarea, radio buttons, selection list, check boxes, reset button and submit button. (Do not use examples from class or the textbook.)
- ☐ Validate each of your web pages. Correct any and all errors. Uncorrected errors will be penalized.



3. Styling:

- ☐ (2) Styles must be contained in an external style sheets. Your CSS files must have a clear organization. Use CSS template from class (or another organization which clearly indicates logical groupings). Use comments to identify the groupings. Include your name in comment at beginning of each file.
- ☐ (4) Choose colors appropriate to your images. Use Pictaculous or Kuler to determine these colors. Do not use examples from class, from your first project or from the textbook. Document your color choices with screen shot(s) and brief explanation on Design References page.
- ☐ (4) The “look and feel” of your web site must be consistent across all pages.
- ☐ (4) On each page you must use a *container* div to ensure that the web page can be easily viewed on narrower screens (example to right). You must use a *main* element (not a section element) for the main content. Use fixed-width layout or liquid layout – your choice.
- ☐ Include and use the following for **screen**:
 - ☐ (2) An *external* style sheet for screen, with appropriate link element in the html documents.
 - ☐ (4) Background image *and* background color. Be sure that there is sufficient contrast between background and text so the text is legible. Document your color choices with screen shot(s) of the color contrast tool and brief explanation on the References page.
 - ☐ (3) Styles for at least three independent classes
 - ☐ (3) Styles for at least three id selectors (in addition to the ids used for divs)
 - ☐ (4) Styles for headings (using a display font from Google Fonts) and for body text.
 - ☐ (2) Use an image as the marker for your unordered list.
 - ☐ (8) Styles for the header, nav, footer and aside elements (use aside for 2- or 3-column layout)
 - ☐ (4) Styles for the divs.
 - ☐ (4) Styles for hyperlinks: link, visited, hover, active.
 - ☐ (6) Styles for the table and its components
 - ☐ (4) Styles for description list and its components.
 - ☐ (6) Styles for form and for at least three of its components
- ☐ Include the following for **printed output**:
 - ☐ (2) An *external* style sheet for print, with appropriate link element.
 - ☐ (3) “hide” irrelevant hyperlinks, such as those used for navigation;
 - ☐ (3) for other links, remove color and underlining of links, but set them apart from the surrounding text by using contrasting font, italics and/or bold.
 - ☐ (3) Except for the image map, images must not appear on printed output. Unordered lists must be marked by a square rather than an image.
 - ☐ (4) follow the guidelines from class for styling headings and body text to make the printed document easier to read.
- ☐ Validate your both CSS files. Correct any and all errors. Uncorrected errors will be penalized.



4. (5) Upload your project website to your “Bellagio.csn.edu” account. On your Case Problems home page add a link to your Project 2. See example. Be sure that all images display and that all links work, including the one to download a copy of this exam. Be sure that the links to “Bellagio.csn.edu” in your Project 2 connect with *your* “Bellagio.csn.edu” index page.

CIT 151 CIT 151 CIT 151 CIT 151	<p>CIT 151 Beginning Web Development Your Name _____</p> <hr/> <p>1. Case Problem 1: View 2. Case Problem 2: View 3. Case Problem 1: View 4. Case Problem 4: View 5. Case Problem 3: View 6. Case Problem 2: View 7. Case Problem 4: View 8. Case Problem 2: View 9. Case Problem 1: View</p> <hr/> <p>• Project 2: View</p> <hr/>
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Delivery: (6) You will be turning in the following in a zipped (not rar, or anything else) folder (**YourNameProject2.zip**)

- ☐ five (or more) html files
 - ☐ five (or more) image files (in an images folder)
 - ☐ two CSS files
 - ☐ Project2.pdf
 - ☐ modernizr-2.js
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- Remember: The deadline is no later than 1:00 PM (in Las Vegas, NV) on Friday, 8 December 2017, submit the zipped folder in Canvas. Late projects will be accepted only during the 48 hours following this deadline. Late projects will be penalized 40 points (25%).