

# INFO 3776 Final Project Specifications

- Valid, semantically-correct HTML5
- Linted/valid CSS3
- Sensible file/folder organization/heirarchy
- Image gallery with thumbnails, ALT attributes
- All local files should use relative links
- Use appropriate meta tags and attribute values
- Title all individual pages appropriately
- Use Bootstrap framework as the basis for your site CSS, and then override/customize/extend through your own CSS
- Appropriate use of multiple heading levels (h1-6)
- Appropriate use of consistent headers and footers to achieve a consistent look and feel
- Site navigation using nav, ul, and li anchors
- Use ARIA accessibility role attributes
- Aesthetically pleasing margin, padding, and text alignment
- Publish your site to <http://username.people.ysu.edu>

## **One or more instances of each of the following:**

- external (absolute) links
- generic containers (section, article, aside, div) where appropriate
- HTML comment
- CSS comment
- HTML class and CSS style that uses it as a selector
- HTML id and CSS style that uses it as a selector
- HTML tables of at least 3+ rows and 2+ columns, with <th> row and/or column headers where appropriate
- appropriate, semantically-correct use of <em> and <strong>
- title attribute for useful hover tooltips
- figure with a useful caption
- use of Bootstrap 12-column layout
- CSS @media query
- embedded video file using the HTML <video> tag and user controls
- embedded video file using the HTML <audio> tag and user controls
- bookmark/browser tab favorites icon (favicon.ico)
- use of rgba() color with alpha transparency
- CSS parent-child selector ' > '

- CSS nth-child or first/last-child selector
- attribute-based complex selector (e.g., ^=)
- Webfonts (use fontsquirrel to help with the embedding!)
- CSS text-indent
- CSS text-transform or font-variant: smallcaps
- floating elements left and right with and appropriate clear
- wrap paragraph text around a floating element
- border that is not 1px solid (default style)
- border that uses rounded corners using border-radius
- an absolutely positioned element
- a CSS @media query for a resolution that is not desktop, and a rule that only applies to that resolution
- a drop-shadow or text-shadow
- an element with a multiple background
- an unordered list with a marker image that is not the default bullet
- an element with a background image that repeats in the x or y dimension (or both)
- a description list <dl>
- a form with appropriate inputs (e.g., radio buttons for forced choice)