**Final Project**

You will create a website.

* You can choose the content of the site, but must meet the below specified requirements
* Need a website idea? Create a new version of the [Visit Johnstown](http://visitjohnstownpa.com/) or [Windber Country Club](http://windbercountryclub.com/)
  + Your site should **NOT** look very similar to this
  + You may take the content & images for this site to use on your project, but you should have a completely different look to it

**FUNCTIONAL REQUIREMENTS**

***Directory Structure***

The Root folder is expected to contain the entire website

1. 3 informational sections
2. a Root Home page
3. an Apply to be a Member section  
   -----------------------------------------------------------------------------------------------------------------------
4. For the 3 informational sections, which are children of the Root directory:
   * An Example of the 3 sections based off of [Visit Johnstown PA website](http://visitjohnstownpa.com/):
     + Play
     + Stay
     + Eat
   * Each section of the website should have:
     + Home page
       - The File name should use the naming convention we learned, which is the best practice for homepages. This allows servers to be configured to load the page even if it’s file name isn’t specified in a URL
     + 2 other pages, which are siblings to this section’s home page
       - There shall be some type of information on this page
     + ***Pick ONLY 1*** section & build a child directory & corresponding home page for it
       - This home page will actually be a grandchild to the Root’s homepage
     + ***All pages within these sections*** (from the previous 3 bullets) shall have their main content area split into 2 columns
       - **1st Column**: A small column on the right or left of the page representing the “local or section navigation”
         * The “local or section navigation” will provide links to all the pages of a section (including the page a user is currently on)

Each link should be on its own line and the column should be wide enough so that links won’t have their text wrap to a new line

If section has a child directory (at least 1 section will), that directory’s homepage shall be included as well

Must use an unordered list for these links

Hide the bullet for the list items using CSS

Styling Links for “local section navigation”

Color of these links should not be the default

No underline should be applied by default

Link Interaction

When links are hovered, a pseudo-class should apply an underline to the links

When links are visited, a pseudo-class should change its appearance in some way of your choosing

* + - * **2nd Column**: A Wider column
        + Holds the content of this page
      * Re-use this layout from one page once you’ve created one, to maintain consistency between these pages and the other sections of the website
        + Edits will have to be made where you reuse the code, but the structure & style should carry over without an issue

1. Root Home page of the website
   * Follow the naming convention described for home pages
   * It’s Main Content Area
     + Shall NOT be the same column layout of the sections described above
     + Can contain any content you want, but Must deliver the primary message above “the fold”
     + From the main content area, provide a link to grandchild page (2 levels deeper in the directory structure), which is a requirement for one of the above sections.
     + Create 2 tables with a minimum of 3 rows & both must be styled with CSS
       - 1st table should present some kind of content with table headings included
       - 2nd table should demonstrate at least 1 colspan or rowspan implementation
2. Apply to be a Member
   * NO matter what the topic of your webpage is, act like there’s a membership in which someone could apply
   * Provide a form to collect several pieces of contact & application information
   * Additionally, make up 3 questions to vet applicants, utilizing 3 different form controls
   * Provide a button to submit the form
     + Upon pressing the button, the form shall:
       - Pass values correctly utilizing the “post” method
       - Take the user to a Thank you page that simply says thank you
   * **NOTE**: using the exact form code from the notes or from the in-class activity will result in a loss of all points for this section

**EVERY PAGE** of the website should exhibit:

1. Valid HTML & CSS
   * Valid HTML Document Tree
   * Properly Open & Close Tags; Tags used in proper locations
   * Relative & Absolute URL’s utilized when appropriate
2. Use at least 1, but no more than 2 External Style sheets
   * Every page in the website should reference one of these
   * Styling should be done solely in Style sheets ONLY, not in the HTML
3. Styling Expectations
   * No link should have the default blue color
   * All colors should be done with hex codes or RGB values
   * Id & Class attributes MUST be used for most CSS selections to alter appearance
     + Global selectors are not appropriate in most situations
   * MUST have at least 1 CSS Rule selecting multiple elements at once
   * Layout
     + A fixed width layout shall be used 992-1440px
       - Proper guidelines should be followed
         * Recommended width
         * Website alignment
         * Content area should be centered on the page using CSS techniques learned
   * Images
     + ALL images will be stored in an images directory, which is a child of the Root
     + Must be an acceptable web image format
     + Should be sized correctly to fit the flow of the page & not distort their appearance
     + Almost all images should be aligned to the left or the right of content or other elements using the float CSS property
       - No image should have a un-utilized whitespace to the sides of it
   * Appearance of the site shall be visually appealing & unique
     + Alter & vary appearances with properties like:
       - Font-family, font-size, color, background-color, border
       - Alignment: Text-align, vertical-align
       - **MUST** use padding & margins for reasonable spacing in your content
4. **Header** Area
   * Constructed along the top of the page
   * Shall be present on every web page
     + Even for the Form data collection & thank you page
     + Ensure you test that links work from every individual page as relative URL’s will need to be change depending on the page’s location within the root
   * Will contain:
     + An image representing your website
     + Horizontal navigation (Primary Navigation of the website)
       - Must use an unordered list
       - List items will be:
         * “Home”, linking to the Root home page
         * Links to the 3 content area/section home pages
         * “Membership” linking to the Member Application Form
   * Apply a positioning scheme so that the header stays at the top of the page when scrolling
     + I should not see content scrolling behind it or above it
   * At a minimum, Style this header & links so that default colors are not used
     + Should have a consistent look and feel across the entire website
5. **Main Content** areas
   * Place a heading element at the top of the main content to display the title of the page (basically the same link name that got the user here)
   * Text
   * At least 1 image that is in the flow of the content by being beside the text
     + Grab images off the web
   * Use at least 1 border to separate content
   * Content areas should be laid out through a series of elements like:
     + Sub-Headings, Divs, Spans, Lists, Tables, Paragraphs

**DISCLAIMER**

* IF you take any of the code from the example website (Visit Johnstown PA) or from any other website, this is plagiarism
* Attempts to copy/paste code won’t be difficult to detect
  + I know each of your individual capabilities & what we’ve learned in class. I don’t expect you to stray far outside of those boundaries
  + You have lots of creative freedom in this project & no 2 projects should be alike even those that may share the same content & concept
* If Any Academic Integrity issues occur, **you will FAIL the class**

**GRADING CONSIDERATIONS**

* Must satisfy all of the above mentioned requirements
* Quality of the site will be taken into account
  + The website should be error free
  + The website should be usable (shouldn’t get stuck in areas once I’ve loaded the homepage)
  + The website must fully work in **Google Chrome.**
    - I will not be testing in other browsers & nor should you

**SUBMISSION**

* Zip root directory of website & upload to CourseWeb by Due Date.
  + Name the zip file with your last name (Ex: Stouffer.zip)
  + No Exceptions.....
  + 1 minute late, is a ZERO
  + Incorrect submittal may lead to a ZERO