FWDP 1000 – Web Development 1

Project #2 – Country Website

Due Date: February 8, 2025, end of day (11:59pm).

Marks: 25 points. See the rubric in the Learning Hub for details.

Project Description

Create a multi-page website about a country. If you prefer, you can choose a city, continent, or fictional location instead of a country.

See examples of past projects here: https://projects.bcitwebdeveloper.ca/country-website-examples/

To make the process easier, it is recommended that you do some quick sketches or wireframes of your intended design for each page. This will not be submitted but will help you get started.

No HTML or CSS templates or frameworks should be used. Aside from a normalize or reset CSS file, the code submitted should be written by you.

Project Requirements

Content & Features -- 3 points

- Use text, video and image content that falls under creative commons licenses. For text, you can use content from Wikipedia or use Lorem Ipsum placeholder text.
- Create four HTML webpages:
  - three about the location,
  - one to give credit to the creators of your content with links to their websites
- The website should include all the following HTML elements:
  - one table
    - These are some excellent resources about making semantic HTML tables:
      - MDN HTML table basics
      - MDN HTML table advanced
      - Video – How to create HTML Tables
  - two images
  - one audio or video element
  - one blockquote element
  - one contact form
    - It does not need to be functional but needs to be semantically correct and accessible.

[handwritten notes:] Todo: element.
- audio element
- table
- contact form
- grid
- customer
- favicon

- Reference for your form: https://developer.mozilla.org/en-US/docs/Learn/Forms/Your_first_form
    - site navigation with links to every page and reused on all pages
    - the meta tag for an SEO description on each page
- Include a favicon on all pages of the website that works for mobile, tablet, and desktop devices
- Create at least one external stylesheet that applies to all the webpages.
- The website should include all the following CSS features:
    - CSS Grid used at least once
    - CSS Flexbox used at least once
    - At least one custom font used

HTML Code Quality -- 6 points

- Follow the best practices learned in class to write clean and organized HTML.
- Use semantic HTML elements whenever appropriate.
- *Suggestion: Use an HTML code validator before submitting.*
  Example: https://validator.w3.org/

CSS Code Quality -- 6 points

- Follow the best practices learned in class to write clean and organized CSS.
- The website should be responsive, the CSS should be written mobile-first, and the site should work properly from 320px wide to at least 1920px wide.
- *Suggestion: Use a CSS code validator before submitting.*
  Example: https://jigsaw.w3.org/css-validator/

GitHub -- 3 points

- Add me to your repository (username: gbads) or set your repository to public, either is fine.
- Have at least 2 branches, one of which is your main/master.
- Have at least 3 commits on your second branch.
    - Write descriptive commit messages.
    - Merge your second branch to your main/master branch.
- Main/Master branch must be the latest version and must match your submitted zipped file.

Accessibility & Performance -- 6 points

- Follow the best practices learned in class to create an accessible website. This should include, but is not limited to, a skip to content link and the ability to keyboard navigate the site.
- Images and videos used should be optimized for the web.
- *Suggestion: Use accessibility tools and an accessibility checklist before submitting.*
  Example: https://www.a11yproject.com/checklist/

<u>Reflection</u> -- 1 point

- Answer these questions on the Learning Hub when submitting:
  - What is the URL of your country website?
  - What is the URL of your GitHub repository?
  - What resources did you use while working on your country website?
  - What is your favorite aspect, feature, or design component of your country website?
  - What is something you learned from the Web Development 1 course you would like to improve upon as you continue through the FWD program?

Project Submission

- Upload the website to your hosting account through FTP.
- Add a link to the country website on your landing page.
- Add a link to your GitHub repository.
- Zip up the website and upload it to the Learning Hub.
- Answer the reflection questions on the Learning Hub.