EGR223 UI Design Project.

Due Date: April 16, 11:59pm

Instructions: Turn-in your project as 1 single zip file with all files included using RELATIVE Paths so that I can easily unzip and test your files.

Required documents:

1. Paper sketch of each page
2. Wire diagram of each page on Figma
3. HTML/CSS files

**Your Project must show evidence of these required elements:**

1. Use Semantic HTML5

* HTML5 semantic tags such as <header>, <footer>, <article>, <section> etc. are used to add meaning to the code.
* No <div> or <section> tags are without a CSS class or id.

2. Custom Design

Provide the following customizations:

* Customize images and text.
* Customize placement of the elements on the page (grid layout) with HTML, CSS or both.
* Customize CSS styles applied at minimum to paragraph and heading elements.

3. Grid-Based Layout

* Page utilizes a grid-based layout with styles

4. Styles Separated From HTML

Portfolio completely separates structure (HTML) from design/style (CSS). There are no style attributes present in the body of the HTML document. There are no <style> elements in the document.

Note: It is acceptable to include height and width attributes in <img> elements.

5. File structure

Files are organized with a directory structure that separates files based on functionality. For example:

css/ for stylesheets

img/ for images

js/ for JavaScript files

6. HTML Formatting rules

* All code ( HTML element names, attributes, attribute values) is lowercase (except text/CDATA).
* Code does not have trailing white spaces.
* Indentation is consistent (either all tabs or all 2 spaces or all 4 spaces etc).
* Code uses a new line for every block, list or table element and indent every such child element (it's acceptable to put all <li> elements in one line).

7. HTML Style Rules

* HTML documents use HTML5 <!doctype html>.
* Code passes HTML and CSS validators.

8. CSS Formatting Rules

* Code does not have trailing white spaces.
* Indentation is consistent (either all tabs or all 2 spaces or all 4 spaces etc).
* Code indents all block content, that is rules within rules as well as declarations to reflect hierarchy and improve understanding.
* Code uses a semicolon after every declaration for consistency and extensibility reasons.
* Code always uses a space after a property name’s colon, but no space between property and colon, for consistency reasons.
* Code always use a single space between the last selector and the opening brace that begins the declaration block.
* Code always start a new line for each selector and declaration.
* Code always put a blank line (two line breaks) between rules.

9. CSS Style Rules

* Code uses meaningful or generic ID and class names that are as short as possible but as long as necessary.
* Code does not use element names in conjunction with IDs or classes.
* Code uses shorthand properties where possible.

10. Your website must be hosted on Github pages.