Assignment 4
Website Build

Weight: 15%

Introduction

In this Assignment, you will have the opportunity to use all of the skills and techniques that you have developed throughout the term. Specifically, for this Assignment, you will create a two-page website for a fictitious food truck in the Edmonton area.

You have been given a .psd wireframe with two artboards. Each artboard represents one page of the website.

> **Note**: the provided artboards are wider that 960 pixels. This is to demonstrate what your website will look like on a device with a larger screen. You will, however, still be creating a 960px fixed-width website.

You have also been provided a .pdf version of their menu. You will need to incorporate this in your website through a link in your header navigation (menu).

Site Build

1. Download all of the required files for this Assignment. The photoshop document has some Non-display notes included to help you along. These are not to be displayed in your final build.

2. Save out all of the new **images** from your wireframe. Make sure that you choose the most appropriate file formats. Your goal is to strike a balance between having the smallest file sizes and the highest quality possible.

> **Note**: you can export multiple image layers from Photoshop at a time by selecting all of the layers you want to export in the Layers Panel [SHIFT + CLICK], right-clicking, and choosing Export As …

Photoshop will covert layer names into filenames. Make sure that your layers are either

semantically named or that you rename your image files later.

3. Begin migrating the content from your Photoshop document into two new HTML files. Ensure that these HTML files are appropriately named and that you are using the most appropriate (i.e. semantic) markup. You should have a well-structured, meaningful HTML document before applying any styles.

4. Using your newly created pages, make your top-level navigation bar fully functional. Note that the **logo should link to the index** from anywhere on the website. If the user clicks '**MENU**', the provided .pdf should open in a new window or tab.

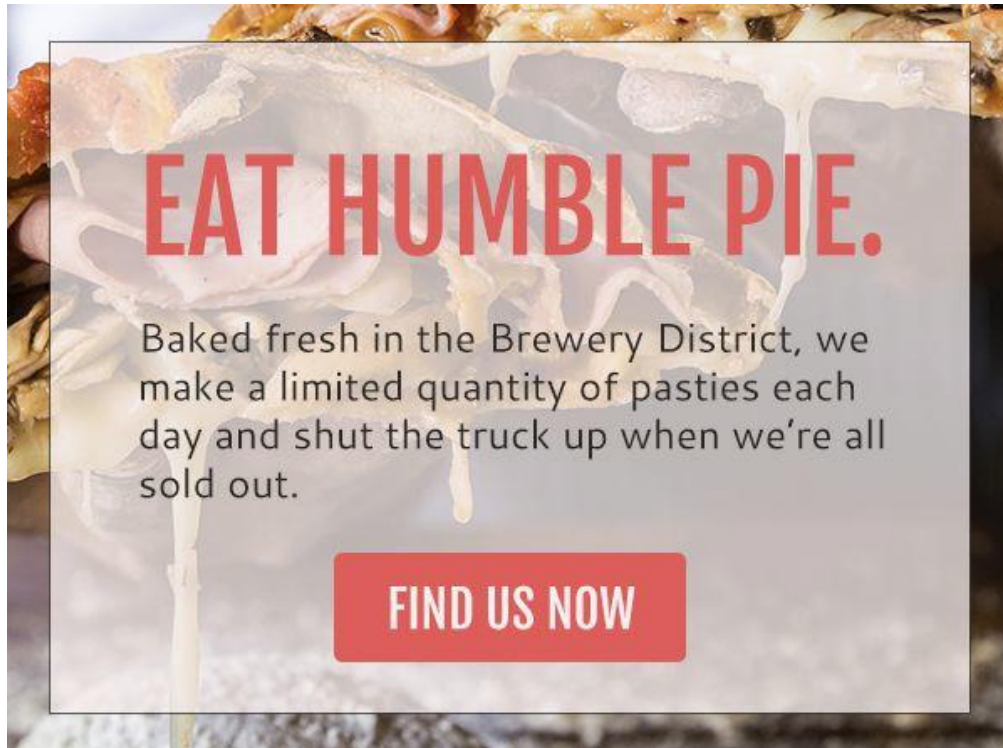*This is your top-level navigation bar.*

Hint: Try using the **target** attribute in order to make your **menu** open in a new window or tab. For more information, check out the MDN documentation:

https://developer.mozilla.org/en-US/docs/Web/HTML/Element/a

Additionally, make sure that your call-to-action faux-button in the index header now links to the '**Find Us**' section, lower on the same page.

To do this, try assigning an ID to the 'Find Us' section. Next, append the ID to your anchor tag's path, like so:

developer.mozilla.org/en-US/docs/Web/HTML/Element/
a#Linking_to_an_element_on_the_same_page

This is your call-to-action faux-button.

5. Check your document outline using the following service:

https://gsnedders.html5.org/outliner/

Your document outline should demonstrate logical, nested groupings of your content. It should not have any *Untitled Sections*.

6. **Validate** your HTML using the following service:

https://validator.w3.org/

You may receive an error about the link element that Google Fonts generates for you. This is due to the pipe character (|) it may use to differentiate between multiple fonts or weights.
Ignore this error, as virtually all modern browsers will not have an issue fetching these fonts.

7. Start styling your website by adding to your styles.css file. Please note that you should only use one reset.css and **one styles.css for your entire website**.

8. **Validate** your CSS using the following service:

https://jigsaw.w3.org/css-validator/

Note on Hover States

You have been given a '**Hover States**' layer group on each artboard in your .psd wireframe. It is colour-coded with red. The Hover States layer group is to help demonstrate what your hyperlinks should look like when the user hovers over them.

Submission

First Name_Last Name_assignment 4

In order to submit your assignment, compress your framework folder and upload it as a .zip file to Moodle.

How to Create a .zip File

Windows 10

Right click on your framework folder and choose **Send To > Compressed (Zipped) Folder**.

OS X

Right click on your framework folder and choose **Compress "Folder Name"**.

Please do **not** submit a file in any format other than .zip (.rar, .7z, etc). There is no guarantee that these files can be opened and marked.

Include only the files that are required for your web site to work in your submission. There is no requirement to upload your website to the student server.

Late submissions will receive a grade of zero. There are no extensions granted.

Marking Rubric

Tasks	Grade	Marks
This site uses the basic HTML5 framework developed in class, and contains: ● images folder (img) ● styles folder (css) ● scripts folder (js) All stylesheets, including the reset code, are correctly linked and functioning. Only one styles.css is used for the entire website.		-3
Each page has a semantically named page title element, unique and relevant to the contents of each page. Each HTML document has a semantic filename.		-1
Navigation		
The website's logo is an image link that returns the user to the index. The text links direct the user to the appropriate page and have a hover-state. The link to the menu opens the provided .pdf document in a new window or browser tab. The call-to-action faux-button on the index page links to another section of the same page.		3
Index Page		
Page Layout Design & Style The shop page content is positioned, styled, and spaced as close as possible to the provided wireframe.		5
Markup (HTML) Document structure: markup is logical and follows best practices. Content: markup uses the most appropriate elements and		3

the markup is well formatted.		
Styles (CSS) CSS names follow best practices (i.e. they are specific and semantic). CSS selectors are appropriate and follow best practices. CSS is well-structured, well-formatted, and simple.		3
Technical Requirements All images are saved in an appropriate format for their intended use in the website. The HTML document creates a clear meaningful document outline when checked within the HTML5 outliner tool: https://gsnedders.html5.org/outliner/ The website passes both the HTML and the CSS validation services at: http://validator.w3.org/ and https://jigsaw.w3.org/css-validator/ **Note**: You will not lose marks for the pipe character error in any <link> element generated by Google Fonts.		-3
Say 'ello (Contact Us) Page		
Page Layout Design & Style The shop page content is positioned, styled, and spaced as close as possible to the provided wireframe.		5
Markup (HTML) Document structure: markup is logical and follows best practices. Content: markup uses the most appropriate elements and the markup is well formatted.		3
Styles (CSS) CSS names follow best practices (i.e. they are specific and semantic).		3

CSS selectors are appropriate and follow best practices. CSS is well-structured, well-formatted, and simple.		
Technical Requirements All images are saved in an appropriate format for their intended use in the website. The HTML document creates a clear meaningful document outline when checked within the HTML5 outliner tool: https://gsnedders.html5.org/outliner/ The website passes both the HTML and the CSS validation services at: http://validator.w3.org/ and https://jigsaw.w3.org/css-validator/ **Note**: You will not lose marks for the pipe character error in any <link> element generated by Google Fonts.		-3
Total		25