CS 2033

Multimedia and Communications II

Assignment 3

Restaurant Website

Overview

Your restaurant now has a logo and menu so the last important step is to create a website for the restaurant! There is a specific set of webpages you must create and specific requirements that you have to follow. However, there is also a lot of room for creativity in how you lay out each of the webpages and how the overall website looks and feels. You should try to make the website's aesthetics match that of the logo and menu to give a consistent and cohesive theme. Just like you had to do in Assignment 2, you will again have to refer back to your branding theme that you selected for Assignment 1 while working on this assignment. You will need to make use of the colours and fonts and the content you chose for your restaurant.

Overall Requirements

- Must be a multi-page website with exactly 5 pages as described below.
- You must write your own HTML and CSS code (No online templates or themes, no BlueGriffon or Kompozer, html5-editor, etc.)
- Download *blocks.css* from https://www.csd.uwo.ca/courses/CS2033b/asst2/ to use for the layout of your website. Do not add or remove styles in this file. You can make **minor** modifications to the i1, i2, i3, or i4 widths if needed. Create additional stylesheet(s) for your custom CSS. Your custom styles must be in your own CSS file, not added in blocks.css.
  - Use **all** 4 different block sizes (i1, i2, i3, and i4) at least once in the website. To use them, create an element (like a div) and give it the class "ib" as well as one of the numbered block sizes, i.e. <div class="ib i3">Content here</div>
  - Create a wrapper div to hold all the content of the entire page. This wrapper class is provided to you in blocks.css.
  - Remember: do not edit blocks.css (except minor changes to the widths if necessary)!
- You must use web-safe fonts and/or Google Fonts only. Do not use a custom font that is installed on your machine. When using the Google Fonts, follow

the steps on the Google Fonts website to link the font into your website using HTML and CSS.

- You must use all 3 colours and 2 fonts, that you selected as part of your theme in Assignment 1, somewhere on the website (the ones in the logo and menu don't count toward this requirement). Additional colours and fonts are acceptable too.
- Create a banner in Affinity Photo that contains the logo you created in Assignment 2 and at least one image of a relevant food dish. You can add other graphics/text as desired. The banner must be 1200px wide and between 200-400px tall. You must insert this same banner at the top of all 5 pages.
- Only use your own photos or copyright-free pictures from online. See the References section below for more details (same policy as Assignment 2).
- Keep track of the URLs of any images you take from these sites so that you can easily reference them without having to re-find them later.
- Your webpage must have the following 5 pages:
  - Home
  - Menu
  - Gallery
  - Contact
  - References

Folder Structure

- Name the project's root folder "restaurant"
- The webpage must be named "index.html"
- The other pages must be named with all lowercase letters, no spaces, and appropriate names
- Within root folder, add subfolders:
  - "css" to contain CSS files
  - "img" to contain all images

Page Requirements

- Home
    - Include 2 relevant images, i.e. picture of kitchen or seating area of restaurant, exterior shot of restaurant, chefs preparing food, etc.
    - Include a paragraph (3-4 sentences) about the restaurant's history
    - Include a screenshot of Google maps or another map program to show where your restaurant is located (don't worry about the copyright policy for this map image, but it should must be referenced).
    - Include any other information you would like that isn't specifically given on the other pages. For example, you could show the "daily specials" or catering options or reviews of the restaurant.
- Menu
    - Create 4+ sections for the different categories of meals that you had on your menu from Assignment 2.
        - Within each of these category sections, list the 5+ dishes, including the full dish name and the description, just like you had in the menu for Assignment 2.
        - Include 4 relevant dish pictures – they can be the same ones you used in the menu or different pictures or a combination. Note that you should avoid having more than 4 images on this page because there is a Gallery page that will have more images!
        - Lay out all the menu items neatly and be consistent with the layout for all the sections.
    - Include a link to your JPG version of the menu from Assignment 2 with a label that says something like "View Menu as JPG" or "Image Version of the Menu" so that a user could click the link to open up the JPG file in a **new tab** in the browser.
        - Copy the JPG from Assignment 2 into your img folder within the restaurant folder, and link it from there.
- Gallery
    - Include at least 12 pictures of dishes from your restaurant or chefs cooking or relevant ingredients, etc. and lay them out nicely (i.e. they could be shown in a 3x4 grid or 2x6 grid for example).
    - Include a caption below/beside/above each image to describe it (it doesn't have to be long).

- Contact
  - Include the following contact info in any order and layout (this should all be fake info, except for the name)
    - <Your name>
    - Restaurant address
    - Phone number
    - Email address
  - Create a web form that simulates a contact form so users could contact the restaurant – but note that it doesn't have to actually do anything!
    - The form must contain at least 5 fields of at least 3 different types (i.e. text, radio buttons, checkboxes). Use labels or placeholders or other types of captions to describe each field.
    - The form must also contain a "Submit" button at the bottom. It doesn't have to do anything but it has to be shown there.
- References
  - Every image used on your website must be referenced, whether it was taken by you or a family member or obtained from a copyright-free image website.
  - The reference URLs do not have to be fully shown but should instead be provided as clickable links. This is actually encouraged to keep the site looking clean.
  - IF you chose to use any images from sites other than the ones listed as acceptable resources, then beside/below these images' references, include the link that points to the license policy for the website from which you downloaded that image (failing to do this will result in deductions).
  - You also must include a link to your banner .afphoto file.

Meta Requirements

- Set the page titles to: ***RestaurantName | PageName*** (where ***RestaurantName*** is the name of your restaurant and ***PageName*** is the name of the individual webpage, i.e. Home or Gallery)

- Add links to external CSS files in the head. You must have at least 2 CSS files – one is blocks.css that is provided to you and one that you create yourself for all other styles. Do **not** use any inline or internal CSS.
- Use www.favicon.cc to create an icon of the initial letter of your restaurant name and add the favicon to your webpage (Note: some browsers require the icon to be saved in the root folder rather than the img sub-folder. First try it in img and if it doesn't show up, you may move it to the root folder. This is the only exception for storing an image outside of the img subfolder).

References

For this course, you are **required** to use copyright-free images only. This means you will not be allowed to do a simple Google Image search and use any image that comes up on there. Marks will be taken off if you use copyrighted images.

The following websites are acceptable and encouraged as they have many copyright-free images that are high definition and free to use!

- Pexels   https://www.pexels.com/
- Unsplash   https://unsplash.com/
- Pixabay   https://pixabay.com/
- StockSnap.io   https://stocksnap.io/
- Negative Space   http://negativespace.co/
- Life of Pix   http://www.lifeofpix.com/
- Cupcake   http://cupcake.nilssonlee.se/
- Foodiesfeed   https://foodiesfeed.com/

If you find an image on a *different* website that you think is copyright-free, it is **your responsibility** to find the terms and conditions regarding copyright. Sites will usually have a page that explains their copyright policies. If you use an image from a site other than those provided in the list above, you will have to find the site's copyright policy and keep track of the link to that policy. This link will have to be included in your submission on OWL so the TAs can determine whether or not

your image is indeed copyright-free. Do not ask the instructor or TA to find this copyright policy for you. Failing to find a copyright policy will result in deducted marks. The best option is to just use images from the sites above so that you won't have to look up their policies!

Example: The Pexels policy is found here: https://www.pexels.com/photo-license/ Note that Pexels is one of the acceptable sites listed above so you don't have to provide this license link, but this is an example of what most stock photo sites will have somewhere on their website, but often with different policies.

Additional Requirements

- On any long pages, you must create a "Back to Top" button that points to the top of the webpage using a bookmark/anchor.
- Each page must have a heading that displays the page name, except the homepage can have a heading that says "Welcome" or another greeting.
- You must add at least one CSS **animation** somewhere on the website.
- You must add at least one CSS **transition** somewhere on the website.
- The background of at least one whole page or section of a page must have a **tiled background** with a texture from www.transparenttextures.com.

Link Hints

- Creating links to bookmarks on the same page involves 2 steps:
  - Create the anchor at the spot where the link will be jumping to. To do this, put your cursor in the spot where you want it and add the HTML: (where *AnchorName* is a unique name you want to give it, which should relate to its location)
  - Now add the link using the standard <a href=""> tag and for the href value you will use #*AnchorName*, where *AnchorName* is the name of the anchor you want to jump to. This must be the same name you gave the anchor when creating it in the last step.

- Links that point to external sites must open in a new tab. To do this, add target="_blank" within your link <a> tag and ensure that the external link includes the http:// or https://, i.e.
  Check out Google

Submission

1. Go through this document again and verify that you completed the assignment exactly as instructed.
2. You **must** upload all your webpage files to GAUL via FTP.
   a. Use WinSCP, FileZilla, or another FTP program.
   b. Log in with the host name cs2033.gaul.csd.uwo.ca and your UWO login information. The port is 2033 and use SFTP protocol. If you are using FileZilla, you may need to include sftp:// before the host name.
   c. When logged in, upload your "restaurant" website folder.
3. Verify that all the files uploaded properly.
   a. Open the following link (replacing **username** with your Western username): http://cs2033.gaul.csd.uwo.ca/~**username**/restaurant/
   b. You should see your main webpage load there. If you don't, verify the filename is index.html and retry the previous step to upload the files.
4. Submit the link on OWL.
   a. Navigate into the CS2033 Assignment 3 page in OWL.
   b. Copy the link of your GAUL restaurant folder into the submission text box (replacing **username** with your Western username): http://cs2033.gaul.csd.uwo.ca/~**username**/restaurant/
   c. Beneath this link, write the words "Websites Notes:" and then provide bullet point notes to explain where you included your CSS animation and transition, transparent texture background, and any other requirements that might be difficult for the TA to find on their own.
   d. Submit the assignment on OWL. Do not just save it and leave. Ensure that it is submitted! Check your email right away and look for the automatic OWL email verifying your submission. Keep this email in case of any discrepancy.