WEB 303 - Javascript 2

Assignment 7

Start with the starter files provided.

Use jQuery for any document manipulation and event binding.

In the h1 tag at the top of the index file, replace the comment block with your name.

Add in the photo viewer example from the class example and transform it into a jQuery plugin that allows for method chaining.

The `script.js` file already has the code to trigger and display the photo viewer plugin once you have the plugin code added correctly to your photoViewer.js file.

Add at least 4 unique full sized images to the img folder, as well as a thumbnail for each full sized image you have. Be sure to source where you got the images from on the index page. The pair of images (full sized and thumbnail sized) should be unique.

Thumbnails should be smaller versions of the full sized images. All images should be in a 16:9 aspect ratio. For example, thumbnails can be width: 80px, height 45px, while the full sized images are width: 800px, height; 450px.

On the index page, replace the title and alt attributes on each link and image to reflect what you've chosen for your images. Add the necessary anchor and image tags for the remaining pairs of images you've added to your img folder.

Style your photo viewer so the main image is wrapped in a border. The active thumbnail should also have a border around it. Use a colour of your choosing for the borders.

Add functionality to your photo viewer code such that when a thumbnail is clicked, the href of the `a.photo-box` is set to the href of the thumbnail that was clicked.

There is also code in the `script.js` to bind to a click event on the `a.photo-box` element inside of the `#photo-viewer`. Finish the click event code such that a modal will open displaying the cloned image inside of it (cloned image code is provided, you don't have to write it).

Use the modal code from the class example to do this. Restyle the modal to fit the images correctly. The modal should display the full sized image, which has a with a width of 800px and height 450px.

Add a heading to the top of the modal with your gallery name (the value you have set in the h1 tag above the photo viewer). Add the close button below the image, inside of the modal. Clicking the button should close the modal.

Be sure to credit all your sources you used for your images.

Create a branch on your github repository called `Assignment 7`. Add your code from this assignment to your repository on that branch. In order to test your code, visit your branch on github, change the URL in the browser from github.com to githubbox.com, and it will take you to the repository in codesandbox.io.

Submit the link to your branch AND your codesandbox.io link of the code running on blackboard.

Marks distribution (out of 10):

- Photo viewer plugin works correctly **(3)**
- Images correct sizes and aspect ratios **(1)**
- Images, titles and alt values added and set correctly **(2)**
- Clicking photo box displays modal correctly **(3)**
- Modal has correct heading and close button below image that works correctly **(1)**