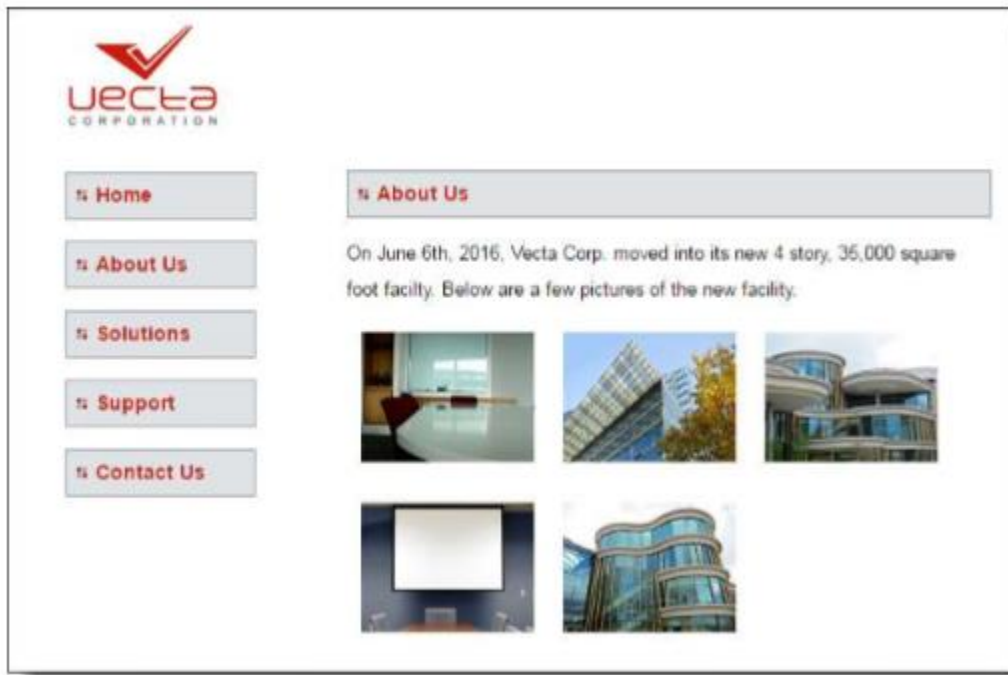


In-class Activity 16: Display a gallery of Flickr photos

The goal of this activity is to create an application that displays the photos with a specific tag for a specific user. You'll also use the Lightbox plugin to display a larger version of a photo when it's clicked. When you're done, the page should look like this:



Part 0: Download files

1. Download **flickr_gallery_Activity16.zip** folder and unzip the folder
2. Verify there are no errors in the HTML and CSS files.
3. Rename the files to ***Lastname1Lastname2-Activity16.html***, ***Lastname1Lastname2-Activity16.css*** and ***Lastname1Lastname2-Activity16.js***.
4. Review the HTML file to see that it includes a link element for the Lightbox CSS file and a script element for the Lightbox JavaScript file. It also includes a div element with the id "new_building" where the photo gallery will be displayed.
5. For Lightbox, see <https://lokeshdhakar.com/projects/lightbox2/>
6. Review the code and make sure you understand the code. Run the application.

Part 1: Modify code

1. Within the ready event handler for the document, declare a variable to store the URL for the Flickr feed (make sure to use https). The URL should be for the user with the id "82407828@N07" and the tag "vectacorpbuilding", and the return format should be set to JSON.



Web-Based Application Design and Development (ITIS 3135)

2. Add code to get the data from the feed. For each item that's returned, add an `img` element for the photo to the gallery.
3. Enhance the code for the photo gallery so each photo is wrapped in an `<a>` element that provides for displaying the photo in a Lightbox. All of the photos should be treated as a group. Photos should show a caption when displayed in a Lightbox.
4. Verify there are no errors.

Part 2: Upload ALL files and folders to you and your partner's public_html folder and verify the URL.

Part 3: Turn in your activity

1. Each partner should upload the `.html`, `.css` and `.js` files to Canvas, and place in the Comments their URL and partner's name.