

Social Computing Application Design

Assignment 3: Flickr API

Honor Code

Any cheating will be handled seriously in compliance with the university rules. All assigned work is expected to be individual, except where explicitly written otherwise (e.g., term project). You are encouraged to discuss with your classmates; however, what you hand in should be your own work.

1. Write a Flickr photo search interface that can search photos by their tags (see Figure 1). After entering the tag name, it would search photos in Flickr by tag name and display the results as a web page (see Figure 2). When you click any photo in the result page, it shows the title and all tags of the selected photo (see Figure 3). Also, you can click any tags of the photo, then the page would show a new set of photos that contains the tag.

You're encouraged to explore using CSS style, jQuery or the other technical skills to beautify and enhance your web page design. Below is an example of how it may look like.

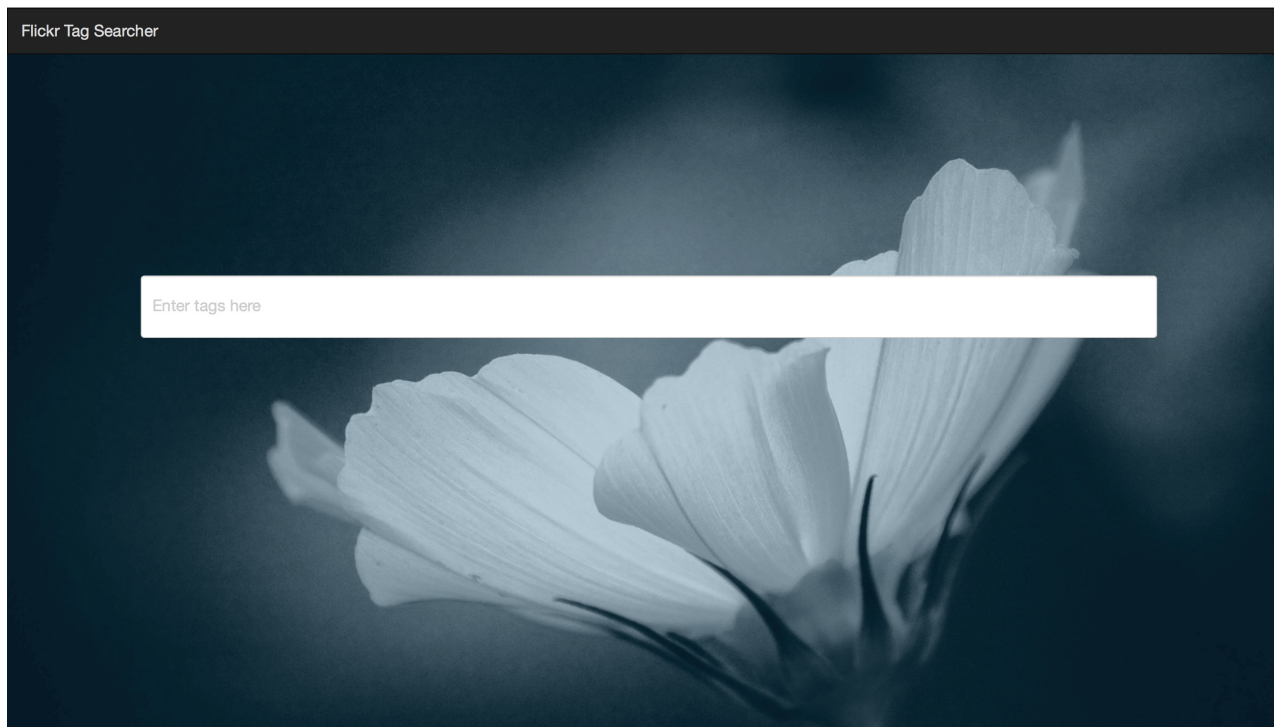


Figure 1. The interface of your web page

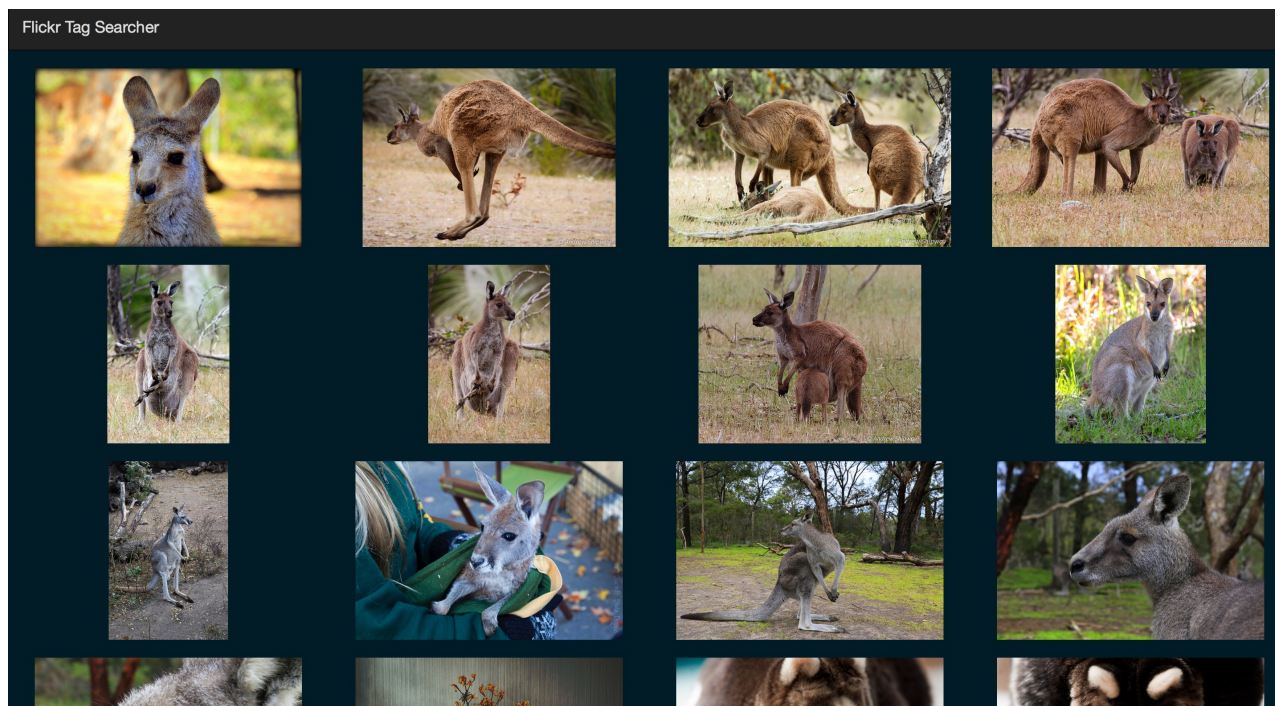


Figure 2. The result page

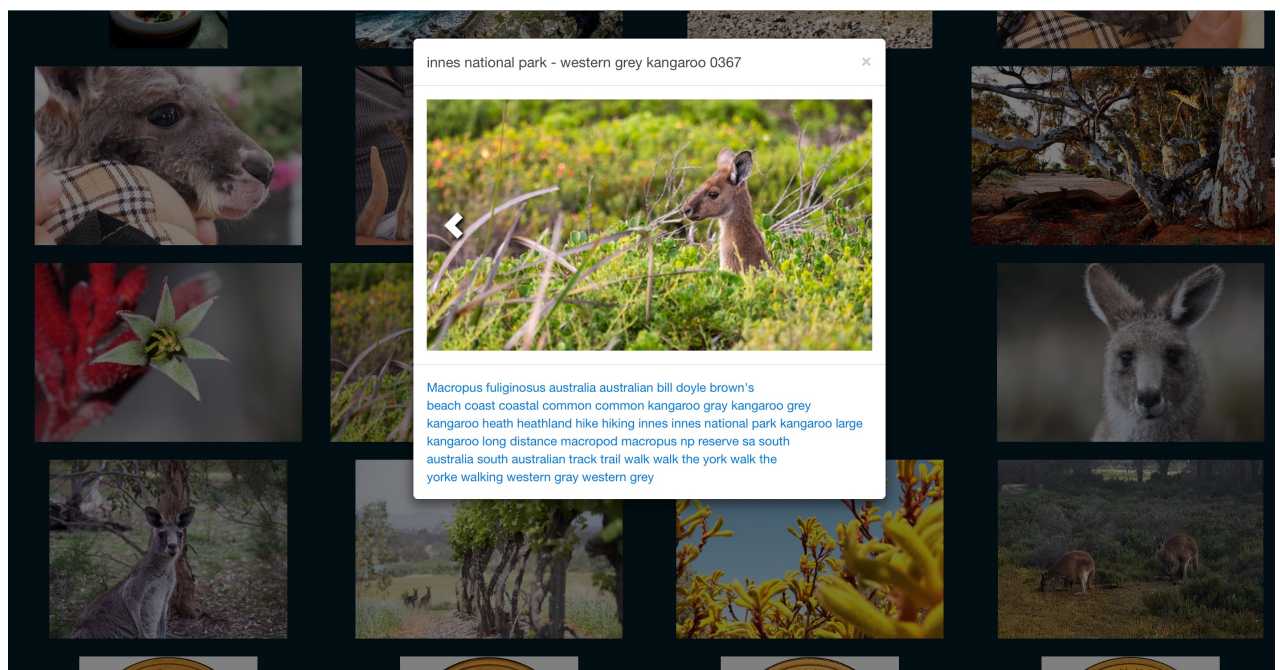


Figure 3. Show information of the selected photo

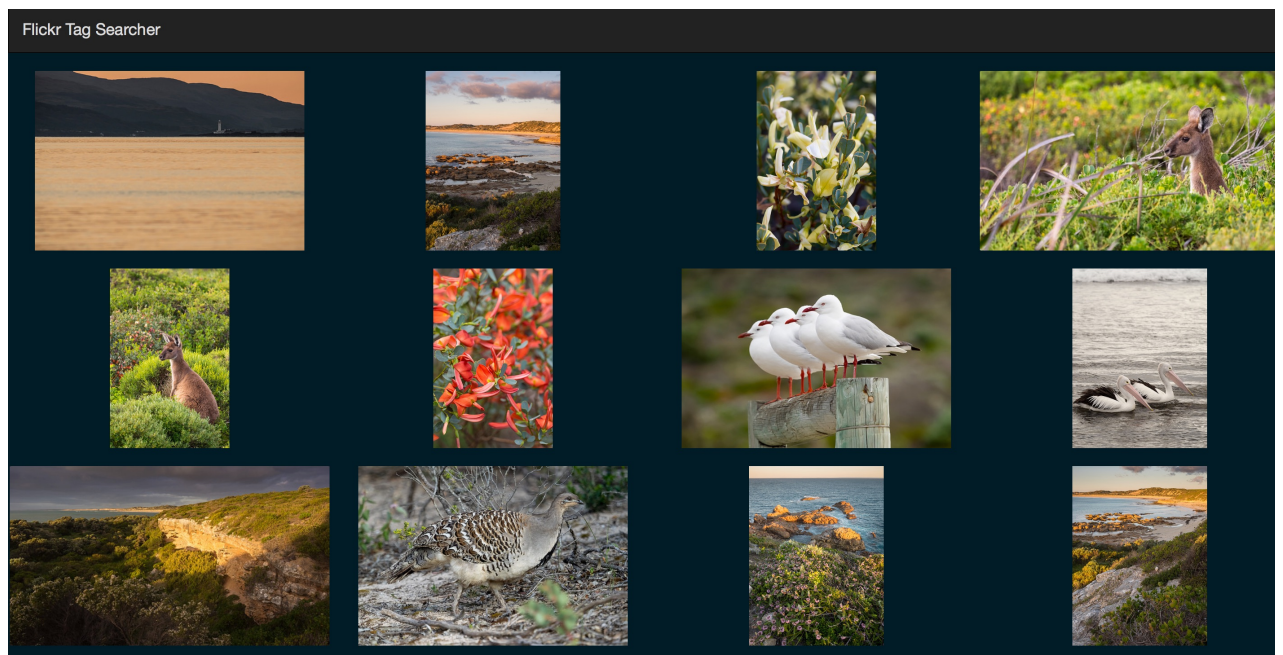
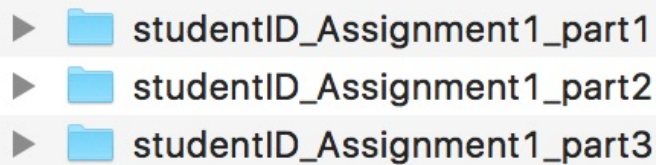



Figure 4. Show new results by clicking tags of the selected photo.

Notice:

1. **Deadline: 2015/11/8 23:59.** If you submit in 11/9 00:00 ~ 23: 59, you'll get partial credits (70% of the original score). No credits if submitting afterward.
2. To submit your assignment, you should follow the form like below:
Put the source code, "Readme" document in each part of assignment. Then zip all of the folders to a **zip** file named as "id_assignment3.zip" and upload to iLMS.



3. For each source code file, you have to add the comments to explain your code.

```
< > student_id your_name Lab1-1   
1 student_id your_name Lab1-1  
2  
3 I use an array to store each to-do item object with properties date and  
content. And use JavaScript to manipulate the objects. I also use CSS  
style to design the user interface and jQuery to make web page more  
interactive.  
4  
5 The problem I encountered is that I didn't know how to manipulate the  
array. After search the API of array object, I started fo familiar with  
these.
```

4. The "Readme" files have to include the brief explanation of your work, the problem you encountered and how did you solve the problem.