

Homework 6: Server-Side Scripting

Grading Guidelines

Graders will test your homework only on Firefox.

Grading Guidelines:

Search Form (2.5 points in total)

- The initial webpage with proper fields in the search form, along with “Facebook Search” header. **(1 point)**
 - The drop-down list should contain 5 options.
 - After choosing type as 'Place', two more text boxes should appear for Location and Distance. Otherwise 0.5 point will be deducted.
- Validation for the search inputs, the error message should indicate if fields are missing. **(0.5 point)**
 - If there is no error message for invalid input, 0.5 will be deducted.
- The “Clear” button resets the search form to the initial state and clears the results area. **(0.5 point)**
 - For each not correctly reset or cleared field, 0.25 point will be deducted, for a maximum deduction of 0.5 point.
- When the “Search” button is clicked, the page maintains the previous input values after displaying the results table. **(0.5 point)**
 - For each not correctly maintained field, 0.25 point will be deducted, for a maximum deduction of 1 point.

PHP Script (7 points in total)

Search Result (4.0 points)

- Show the search information retrieved from the API service in a tabular format as described in the homework description. **(2.5 points)**
 - For each missing column in the table, 0.5 point will be deducted.
 - For each incorrect column value or column order mismatch, 0.5 point will be deducted.
 - For each missing row/image in the table, 0.5 point will be deducted.
 - For each incorrect row/image, 0.5 point will be deducted.
 - The search should work for all 5 possible types. For every missing search, 1 point should be deducted.
 - Maximum deduction will be 2.5 points.

- Handle the case when the API service returns an empty result set. **(0.5 point)**
- Handle the case when the image in this result is clicked. It should show a larger, high-resolution image (instead of the smaller thumbnail image) **(0.5 point)**.
- Handle the case of searching by the Location and Distance (in Place). **(0.5 point)**

Details Information (3.5 points)

- Show the information retrieved from the API service in a tabular format as described in the homework description. **(1 point)**
 - For each missing column in the table, 0.25 point will be deducted.
 - For each incorrect column value or column order mismatch, 0.25 point will be deducted.
 - It should display at most 5 albums and 5 posts. For each album, there should be at most 2 photos.
- Handle the case when the API service returns an empty result for either albums or posts or both **(1 point)**.
 - For each missing message for empty albums and empty posts, 0.5 points will be deducted, with a maximum 1 point deduction.
- Handle the case when an album has a title without photos. **(0.5 point)**
- Show the albums and post subsections in a dynamic view **(0.5 point)**
- Show the photos in each album in a dynamic view **(0.5 point)**