

Checking

My site had a total of 5 input fields. I checked for a variety of errors for each of the fields.

Title

Check for empty

Check for greater than 50 characters

Name

Check for empty

Check for alphabetic

Check for greater than 50 characters

Post Location

Check for empty

Check for greater than 50 characters

Image Url

Check for empty

Check for valid url

Comment

Check for empty

Check for greater than 150 characters

In the title field I didn't choose to add any more constraints because I was mainly worried about the length of the title. I wanted the title to be concise, so as to draw in people quick and to keep the blog looking nice and sleek.

In the name field, I only allowed for alphabetic characters because I'm assuming people have normal names with only alphabetic characters. I also check for empty. I limited the character count to 50 as well because I know there are people with longer names, but I believe 50 characters is more than enough characters to include most names.

In the Location field, I didn't check for certain characters because I know there are places with all kinds of special characters in the name. I just made sure to check for 50 characters or more because I think there is definitely a limit to how long names of places are so I implemented a 50 character cap. For the image url, I don't cap the count because I know that the path to files can go on for many, many characters so I didn't know what number of characters to cap at. I did, however, check for valid url using the filter function of php.

For the comment, I allowed for all kinds of characters. I only checked to make sure that the comments were less than 150 characters. I gave the comments more characters than the name and other fields, because comments are generally longer.

I allow duplicate entries for all fields because titles don't have to be unique. Also, it makes sense to allow poster to post more than once. Posters can also post things taken in the same location and might have the same picture for certain posts. Lastly, comments don't have to be unique.

I could search in the Name field for alex and in the Location field for Vatican. It would show my post with the title visit to the pope's. All other posts won't show because none of them have both poster name alex and location Vatican.

WOW FACTOR

I also included a nuke, destroy posts feature. This is located at the bottom of the all posts page.