PIC 40A Section 1 - Homework #6 (due Monday, June 8, by 6 pm)

Follow these submission instructions carefully:

- submit the .html, .css, .js files, .php, and all supporting files to CCLE by the deadline;
- submit a PLAIN TEXT version of your .php files as well;
- submit a file, "User.txt" that provides your PIC username*
- submit the "Honesty.txt" file as described in the syllabus*;
- produce a live webpage* that can be viewed at **www.pic.ucla.edu/~your_username/HW6/** and make no changes to the site after the deadline. What you submit on CCLE should be exactly the same files as can be found on your live webpage**;
- follow the established convention: your main HTML file should be **index.html**, which should be located in the folder **HW6** within **public_html**.

*: if your webpage is not live at the precise link given above, where your_username is replaced by your actual user name, you will get 0/10 for display as per the homework grading polices. Your page has to be live and work. No exeptions.

**: do not modify that live page or any related files in any way after the deadline. As per the syllabus, no matter how small the change may be, any modifications after the deadline will be treated as a case of academic dishonesty.

IMAGE SHARING SITE

This is a homework to practice managing file uploads and databases. In a nutshell, you are to build a site such that...

On the landing page:

- in an "Image Uploads" form,
- a user can upload a file (assume it is an image),
- specify the image title, and
- specify their name

- and then upload that file and go to a confirmation page, **upload.php**.
- Alternatively, in a "Image Viewing" form, they can specify a person's name (whose images they want to see) and
- select a background display colour (default is red)
- and then go to a page, **display.php**, to see all images from that person.

On upload.php:

- the title of the page is "Thank You, [USER WHO UPLOADED FILE]!",
- a message either says "Your image has been uploaded" with the image appearing below or
- a message says "A photo named [THEIR TITLE] by [USER WHO UPLOADED FILE] already exists." and no image is displayed.

On display.php:

- the title of the page is "[DESIRED PERSON]'s photos."
- the background colour is the colour red/blue the user chose.
- all images of the chosen person (if any) are displayed one row at a time with a statement "[IMAGE TITLE] has [NUMBER OF VIEWS] view(s)." - the value [NUMBER OF VIEWS] starts at 0 and every time that image is seen by a visitor, the count goes up by 1.

For this assignment, **you must use databases.**

For this assignment, **images should be saved in an images folder and assigned a name (you can choose precise details) based on hashing the user's name and image title**.

All images, regardless of their true pixel dimensions when uploaded should be displayed **with the same width**.

Screen shots should help further clarify the site functionality.
Tips/comments:

- Be very careful with the quotation marks in your SQLite and PHP commands!

Here are some images:

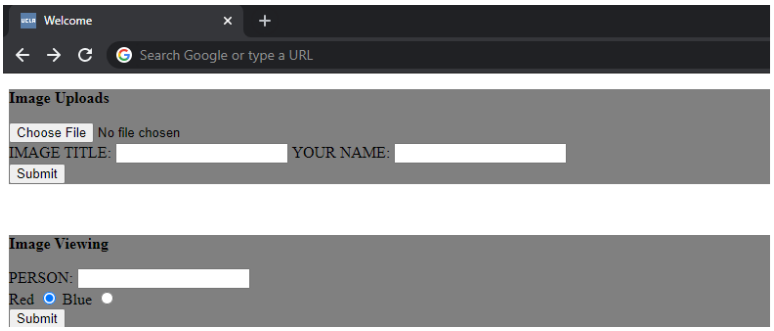


Figure 1: On loading **index.html**: note the "red" is the default.

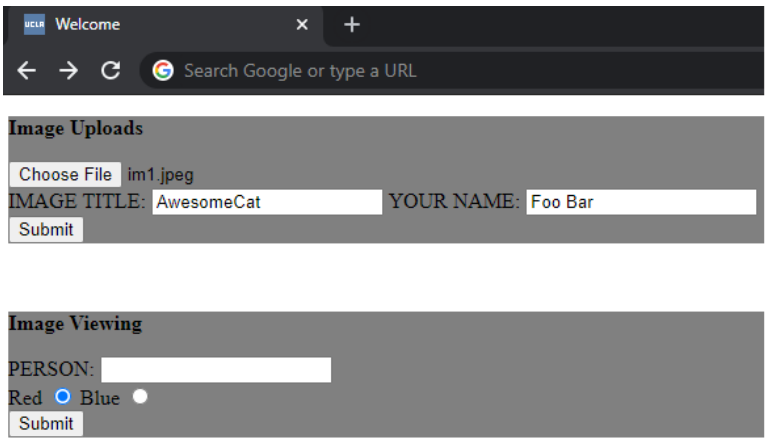


Figure 2: Foo Bar is uploading an image they call "AwesomeCat".

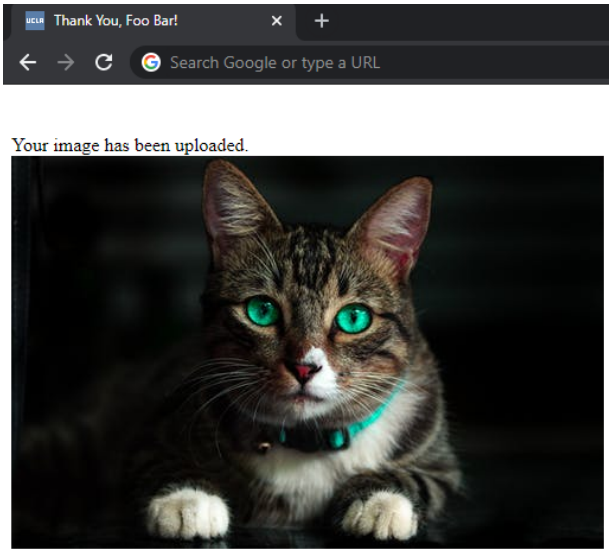
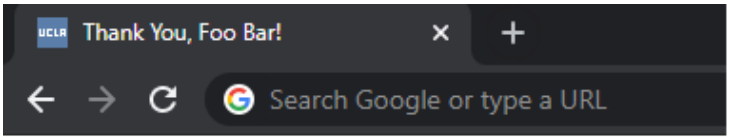


Figure 3: What Foo Bar sees after their upload.



A photo named AwesomeCat by Foo Bar already exists.

Figure 4: What Foo Bar sees if they upload an image with the same name as one that is already there like "AwesomeCat".

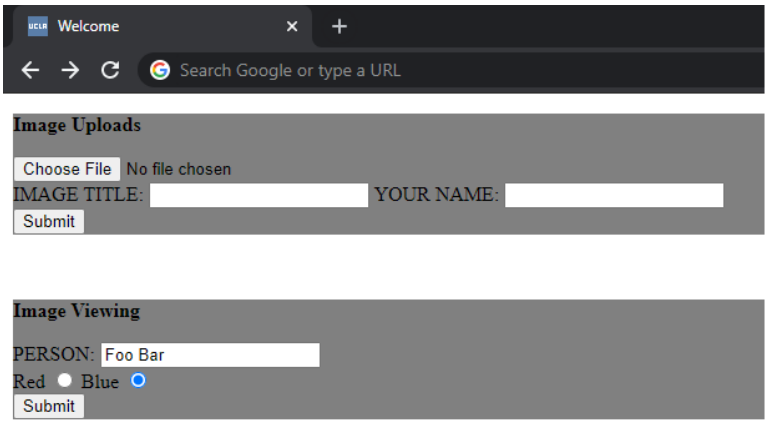


Figure 5: A visitor wants to see Foo Bar's photos.

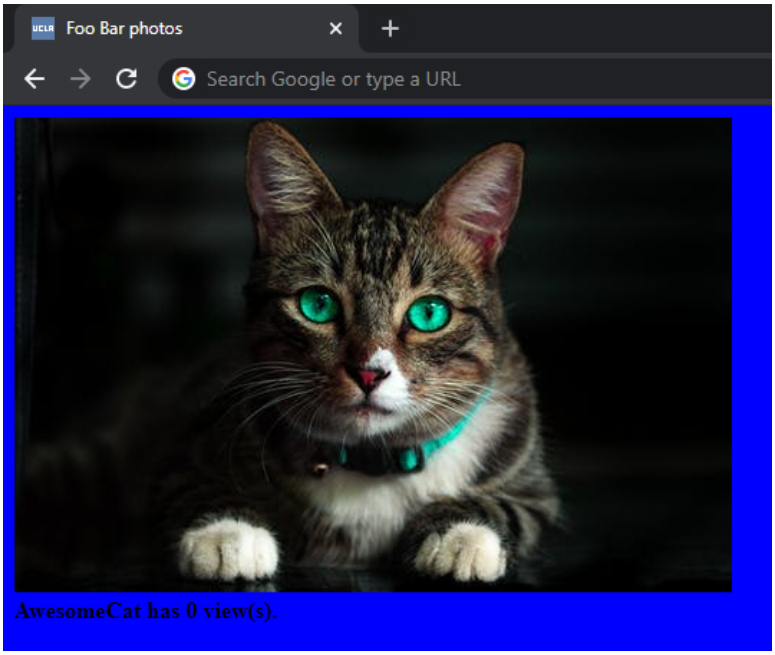


Figure 6: The visitor above seeing Foo Bar's photos.

Figure 7: Someone coming to see Foo Bar's photos later. They selected a red background. In this case, Foo Bar has also uploaded a dog photo. Notice the cat photo counter is 2 whereas the dog photo counter is 1 (the cat photo is higher because the cat was added first and viewed before the dog photo was added). The images display with the same width.