**“Show Me That Cat!” Website**

**Major New Work/Reflection:**

This week I worked on trying to allow the user to complete a filter form that will allow them to choose specific filterings and then change the view based on those filters.   
  
Currently it is… mostly working. I was struggling a lot with this which I am sure you suspected lol. At first, my intention was to use the cat\_info\_list.php page to show both viewings. On the cat\_info\_list.php, there is a function called get\_all\_cats() which is how I am able to display all the cat cards with their names.   
  
My goal was once the filter form was submitted, it would redirect you back to the cat\_info\_list.php and would use a different function called filter\_cats() which would only display the cats that fit the filter. This was causing a lot of issues.   
  
You will see that I have two files in my folder. One is called test and one is the name for the assignment. My code was getting so convoluted that I turned it into the test folder and then just made a new folder for the changes that did indeed work. I have it in here for reference still as this code has some of the functionality for when I was trying to still use the same cat\_info\_list to load both views.   
  
On my actual assignment, I decided to scrap the idea of using the cat\_info\_list.php. I decided to instead, after the form is completed to filter the cat, then you are redirected to a new page called filtered\_cat\_info\_list.php. I just used the cat\_info\_list.php and copied/pasted it and repurposed for the filtered view.

I made another minor change there. On the filtered\_cat\_info\_list.php, I changed the add\_cat button to instead return you back to the “home” page and show you all the cats instead of the filtered cat view.  
I have the code it in a position where it is mostly functioning somewhat kind of maybe, but it is not where I need to be. Currently, if you select an option for all the input boxes, it will show you the filtered cat. I made a couple test cats and selected all the first options (not any) to make it easy (kitten, male, mix. Etc etc ec) and it does show me the cats that fit the filter if I filter wanting all the first options.   
  
My goal was that I also wanted them to be able to choose only one of the filtered options. Example, if they JUST want to search by age, they only choose their option for age and then the rest of the inputs will be the default value.   
I am unsure if it is how the default value is being submitted to the server, I am unsure if it is due to my filter\_cat function, but for some reason if I only choose one option, it sends me to the filtered\_cat\_info\_list.php but it shows an empty page.   
  
Honestly, I am surprised I even have It working as much as it is. I couldn’t really contact you this week because my own schedule was insane so that was my fault. I only just got the function working (if you make a selection for all inputs on the form that is). I made the decision to use a new page (filtered\_cat\_info\_list.php) maybe a couple hours ago and I am grateful that I did because it simplified the code a lot. Now I just need to get the function to work properly.

This was definitely one of the biggest struggles I have had with my assignment. I am very glad that I have the major points (adding, updating, deleting, etc) in working order so that way this is all that is really needed left to fix (major thing, I still have some small changes here and there I will enquire about after this is fixed). I am glad I didn’t make them upload their own cat photos. Lol.

**POSSIBLE ROADMAP FOR THE NEXT FEW WEEKS**  
  
**Week 14:** Continuing on filtering/sorting if more time is needed  
**Week 15:** adding more images to allow variety of cat images without needing users to submit cat images

**Files Worked On:**

styles.css (css folder)  
db\_functions.php (model folder)  
index.php (controller folder)  
cat\_info\_list.php (view folder)  
filtered\_cat\_info\_list.php (view folder)