**“Show Me That Cat!” Website**

**Major New Work:**

I started out the week making some small changes. I changed the regex to allow numbers to be used for the cat’s name. I also changed the error message to reflect said change. I changed the error message for any database error connections as well.

The big project I worked on this week was making the different traits tables and showing the data of cats when you clicked on their card div.   
  
I first started with displaying the information from the table I already had defined, cat\_info table. I added the cat name as an h1 and then added the specific cat age, gender, breed, and color into an html table to give a nice and simple layout.  
  
Afterwards, I worked on my database to include 4 new tables.   
The four tables created were:   
personality\_traits  
physical\_traits  
assigned\_personality\_traits  
assigned\_physical\_traits   
  
personality\_traits table has 20 pre-populated traits, and so does physical\_traits.   
  
After some googling, I found the best way to insert the catID into the traits table was using the SQL function LAST\_INSERT\_ID. On my form on add\_cat.php. There are the personality checkboxes and the physical checkboxes under the generic cat breed, color, age questions.   
  
If you fill out the form and have checkboxes selected, what happens is the cat information will be stored into the cat\_info table. Then, immediately after, the catID that was just inserted into that table is selected and inserted into the assigned\_personality\_traits or assigned\_physical\_traits along with the ID for the different traits chosen.   
  
I then added the ability to see the different traits chosen when you look on the specific cat on cat\_details.php. The traits are listed in an ul under their respective categories. If no traits are chosen, it just says “No traits selected” under the category.   
  
Around this time I realized that the way I was retrieving the information to display the cat\_details.php was not the best choice. My original way of displaying the information was running a query parameter of checking the cat name. I got to thinking that this is probably not a good idea because there are many cats out there with the same name. So I rewrote the query and subsequent code to check for catID instead.   
  
I then added an image button on numerous pages that, when clicked, will go back to the index.php.   
  
I also changed a folder name in my folder. I changed the “images” folder to “assets” instead because I will be using some images for icons (for the update and delete) and felt it would be more appropriate to call it assets.  
  
**POSSIBLE ROADMAP FOR THE NEXT FEW WEEKS   
  
Week 11:** create ability to add passcode and give users access to update or delete selected cat if given the correct passcode   
**Week 12:** working on the sorting and filtering aspect  **Week 13:** finishing sorting/filtering and allowing user to insert their own image.  **Files Worked On:**

cat\_info\_list.php (view folder)   
add\_cat.php (view folder)   
database\_error.php (errors folder)  
db\_functions.php (model folder)  
show\_me\_that\_cat.sql (sql folder)  
index.php (controller folder)  
cat\_details.php (view folder)  
styles.css (css folder)  
error.php (errors folder)

**Reflection:**

I am happy with how my website is turning out. Now that I have the ability to see the detailed information from the selected cat, it feels like I have really made progress. Regarding the personality traits and physical traits, I chose to do checkboxes over a dropdown menu that allows multiple selected because I felt the checkboxes might be more user friendly when it comes to the ability of selecting more than one option. I enjoyed learning about a new SQL function that I didn’t know about, and I was able to successfully use it to reference the catID into the different traits tables. My biggest issue this week was dealing with the checkboxes honestly. I caught myself making a mistake by using the cat\_names as a query parameter at first to get the specific cat details and show the information on cat\_details.php. I figured there could come a time where there are cats with the same names, so I rewrote that to check by the catID instead.   
  
Next week I will be trying to work with passcodes and using a passcode to be able to delete or update a cat. We will see how it goes!