

DMIT2025 – PHP/MySQL

CD Catalog Activity

Overview: Based on the lessons in Filtering Database Results, please finish the CD Catalog project provided as per specifications.

Installation:

- Change `mysql_connect.php` to your credentials.
- Import the `cd_catalog_class.sql` table.
- Upload the folder.
- Browse to the `display.php` file.

Requirements:

- Basic filtering by various parameters (year, genre, label) in *display.php*.
 - Create 2 query string variables that you will use. We have demo'd *displayby* and *displayvalue*, but you can call then anything you want.
 - One represents a column in your database table.
 - The other represents a value in that column.
 - Create two local variables that hold the values passed by the query string variables. Test these, and then include them in your MySQL SELECT query.
 - Test the functionality by manually typing in a query string and manipulating values.
 - Create some static links with representative query strings.
 - At least one year.
 - At least one label
 - Several genres.
 - One decade: This can be done by making sure your query is *displayby LIKE 'displayvalue'* and passing only the first 3 characters of a year followed by a % in the query string. This will match any year that starts with those 3 characters.
- Create a *detail.php* page that shows a single CD with all information. Create links from any results in *display.php* to this page with the correct query string.
- Try creating some widgets in *display.php*: These are dynamically generated items that represent content in your database.
 - Challenge: Try creating a list of ALL the labels (but not showing duplicates). Then, link each result to a listing of the CD's by that label (still done in *display.php*).

This is considered the “Technical demonstrator of MySQL output filtering” that is the first deliverable of the Catalog Project. This must be shown to the instructor in class before moving on with that project.