CSC 4370/6370 Web Programming
Bonus -Assignment 05 - PHP & MSQL
Due Date: 12/05/2023 (11.59PM)

In this assignment you shall create tables that store data about audio albums - CDs, cassettes, LPs, DVDs, etc. Create 2 MySQL table using any of the online medias.

Requirements

1. Design your database. Keep it simple – One or two tables - albums and artists.
2. You shall create tables in your database as needed.
3. Create a login section for users to login ***extra credit if you can make this login functional such as some password in database ********
4. You shall write the following HTML and PHP documents:
    1. a **createTables.php** script that creates the tables
    2. a form for the user to enter data for a new album
    3. a PHP script that handles the form
    4. a form for the user to enter data for a new artist
    5. a PHP script that handles the form
    6. a form that allows the user to search the database or show contents

Keep the database design simple - not too many tables. You may design a **create and retrieve** operations on a MySQL database using PHP functions. Please provide an interface to the user. This is a full three-tier small web app.

How to Submit: Log into ICollege, select the class to view its drop box folders, select the correct folder for the given assignment and upload the (URL) that you generated via codd server and send the file to the drop-box.

Home Work FAQS

1. Do you care what type of artist/album information is in the tables? **Any artist and album material is ok**
2. What do you mean by "use any of the above medias?" **Online Media**
3. If PHP creates the tables, are they re-created every time? **All tables should be stored away in a database; You can also write a query to search and retrieve from the database.**
4. What is the login supposed to do? **After the user is logged in user can now view there material also you can redirect the user to a second page to view materials.**

Listed below are some ideas sample designs

Sample 1:

Name	Date modified	Type	Size
add_album	11/25/2016 12:11 PM	Chrome HTML Do...	1 KB
add_album.php	11/25/2016 12:33 PM	PHPfile	1 KB
add_artist	11/25/2016 12:30 PM	Chrome HTML Do...	1 KB
add_artist.php	12/4/2019 3:46 PM	PHPfile	1 KB
alert.php	11/25/2016 12:15 PM	PHPfile	1 KB
artist.php	11/25/2016 1:20 PM	PHPfile	2 KB
configure.php	12/4/2019 3:43 PM	PHPfile	1 KB
create_table.php	11/25/2016 4:02 AM	PHPfile	1 KB
debug	12/4/2019 3:45 PM	Text Document	5 KB
login.php	11/25/2016 4:04 AM	PHPfile	1 KB
login_failed	11/25/2016 1:26 AM	Chrome HTML Do...	1 KB
main_menu	11/25/2016 1:26 AM	Chrome HTML Do...	1 KB
main_menu.php	12/4/2019 3:45 PM	PHPfile	2 KB
MyMusic	11/25/2016 1:26 AM	Chrome HTML Do...	1 KB
register	11/25/2016 1:26 AM	Chrome HTML Do...	2 KB
register.php	11/25/2016 3:52 AM	PHPfile	1 KB
register_duplicate	11/25/2016 1:26 AM	Chrome HTML Do...	1 KB
register_success	11/25/2016 1:26 AM	Chrome HTML Do...	1 KB
search.php	12/4/2019 3:46 PM	PHPfile	3 KB
styleSheet	11/25/2016 12:58 PM	Cascading Style S...	1 KB

Sample 2:

Name	Date modified	Type	Size
addAlbToDB.php	12/4/2019 3:52 PM	PHPfile	1 KB
addAlbum.php	12/4/2019 3:51 PM	PHPfile	1 KB
addArtist.php	12/4/2019 3:51 PM	PHPfile	1 KB
addArtToDB.php	12/4/2019 3:53 PM	PHPfile	1 KB
createTables.php	12/4/2019 3:53 PM	PHPfile	2 KB
displayTable.php	12/4/2019 3:53 PM	PHPfile	2 KB
login.php	12/4/2019 3:51 PM	PHPfile	1 KB

Assignment 5 updates for PHP + MySQL –

The codd server admin performed some updates to PHP therefore please see below.

Please use mysqli_connect() with the PHP and not the mysql_connect()
Basically, MySQL is the old database driver, and MySQLi is the Improved driver. The **"i"** stands for "**improved**" so it is **MySQL improved.**

(1) mysql_connect(host name ,username,password); and mysqli_connect(host name ,username,password,db) is that the mysql take 3 parameter and mysqli take 4 parameter to connect the database server .

(2) difference is mysql is the older version and it is deprecated function not longer used in new version of php . so mysqli is the best solution to connect to mysql database server

Example :-

a) mysql_connect(host name,username,password);

➢ mysql_select_db(database);

b)$link= mysqli_connect(host name,username,password,database);

These function return resource link to perform query operation on to mysql database.

Reference sites

How to Connect -

https://www.w3schools.com/php/func_mysqli_connect.asp

Creating table -

https://www.w3schools.com/php/php_mysql_create_table.asp