<?php

$mysqli = new mysqli("d", "d", "d", "d"); // create a mysqli connector to interact with the database.

if($mysqli->connect\_errno)

echo "Failed to connect to MySQL: (" . $mysqli->connect\_errno . ") " . $mysqli->connect\_error;

date\_default\_timezone\_set('UTC');

$today = date( "Y-m-d H:i:s");

if(isset($\_POST['URL']))

{

$URL = $\_POST['URL'];

if(1) { // preg\_match('/^(https?:\/\/)?([\da-z\.-]+)\.([a-z\.]{2,6})([\/\w \.-]\*)\*\/?$/', $URL) NOT WORKING WHEN SUBMITED FROM CORE

if($result = $mysqli->query("SELECT \* FROM entries WHERE URL = '$URL' limit 1")) // query check to see if the website has already been submitted

{

if($result->num\_rows == 1) // result from the query - integer

{ // execute only if above statement is met

$data = $result->fetch\_array(); // get the result set from the above query

$hit = $data['hitcounter'] + 1; // increment hitcounter form the latter

$id = $data['ID']; // fetch the ID for updating the result set

$lastvisit = $data['lastvisit']; // last visit from the result set

$hits\_today = $data['hits\_today']; // hits today from the result set

$lasthit\_value = new datetime($lastvisit);// used to compare the difference between lastvisit and today, allows us to return the hits\_today variable if the difference (in days) between today and lastvisit = 0

$now = new datetime($today); // today, for comparison

$difference = $now->diff($lasthit\_value);// the difference calulated as mentioned

if($difference->d == 0) // the difference validation

$hits\_today ++; // should the diff = 0, increment hist today

else $hits\_today = 1; // otherwise re enter 1 into the record set

// update the hitcounter, lastvisit and firstvisit inside the database for the already existing website record entry

$entry\_update\_hitcounter = $mysqli->query("UPDATE entries SET hitcounter = '$hit' WHERE ID = '$id'");

$entry\_update\_lastvisit = $mysqli->query("UPDATE entries SET lastvisit = '$today' WHERE ID = '$id'");

$entry\_update\_hits\_today = $mysqli->query("UPDATE entries SET hits\_today = '$hits\_today' WHERE ID = '$id'");

if($entry\_update\_hitcounter && $entry\_update\_lastvisit && $entry\_update\_hits\_today) // ensure all 3 queries sucseeded and print message accordingly

die ("entry\_updated");

else

die ("entry\_update\_failed");

}

}

// the following code will ONLY execute if the above validation returned fales, in which case we need to insert a new record into the database for the new URL -which is what is done with the statmement below

if($mysqli->query("INSERT INTO entries (URL, lastvisit, firstvisit, hitcounter, hits\_today) VALUES ('$URL', '$today', '$today', '1', '1')"))

{ // this part of the script extracts the data submitted inside the HTTPWriter class, as defined in the class, the send method was \_POST, which means that PHP will need to extract them via the same method, as demonstrated below for the keywords.

$category = $\_POST['keywords'];

if($category != null) // ensure we do have a defined category from HTTPWriter

{ // it is mandatory to check to see if the category is allready existing within the database, as should this be the case, we only need to create a new entry inside the website - category link table, and not a new category (avoiding redundant groups)

$q = $mysqli->query("SELECT \* FROM category WHERE category = '$category' LIMIT 1");

if($q->num\_rows == 1)

{ // if we've found a cateogry, insertt a new link record inside the link table as done hereunder

$data = $q->fetch\_array();

$category\_id = $data['cID'];

$qprime = $mysqli->query("SELECT \* FROM entries WHERE URL = '$URL' LIMIT 1");

$result = $qprime->fetch\_array();

$website\_id = $result['ID'];

// insert the data into the link table or print error message accordingly.

if(!$mysqli->query("INSERT INTO websiteCategoryLink (wID, cID) VALUES ('$website\_id', '$category\_id')"))

die("failed\_to\_insert\_category\_link");

else

die("inserted\_link\_for\_existing\_category\_and\_new\_website");

}

// if no category is existing, we need to create a new category and website category link entry

if($mysqli->query("INSERT INTO category (category) VALUES ('$category')"))

{

$q = $mysqli->query("SELECT \* FROM category WHERE category = '$category' LIMIT 1"); // get the newly inserted category

$data = $q->fetch\_array();

$category\_id = $data['cID']; // fetch the new category ID from the freshly created category to allow creating the link entry

$qprime = $mysqli->query("SELECT \* FROM entries WHERE URL = '$URL' LIMIT 1");

$result = $qprime->fetch\_array();

$website\_id = $result['ID'];

if(!$mysqli->query("INSERT INTO websiteCategoryLink (wID, cID) VALUES ('$website\_id', '$category\_id')"))

die("failed\_to\_insert\_category\_link");

else

die("inserted\_link\_for\_new\_category\_and\_new\_website");

}

} else die("category failed.");

} else die("entry failed.");

} else die("regex\_no for $URL");

}

?>