# Front End Code

## Addq.php

<html>

<style>

.inline {

display: inline;

}

.link-button {

background: none;

border: none;

color: blue;

text-decoration: underline;

cursor: pointer;

font-size: 1em;

font-family: serif;

}

.link-button:focus {

outline: none;

}

.link-button:active {

color: red;

}

</style>

<head>

<title> Modify/Add Question </title>

</head>

<body>

<?php

//Obtain Question from Database

$target = "https://web.njit.edu/~jll25/CS490/switch.php";

$ch= curl\_init();

curl\_setopt($ch, CURLOPT\_URL, "$target");

curl\_setopt($ch, CURLOPT\_POST, 1); // Set it to post

curl\_setopt($ch, CURLOPT\_POSTFIELDS, http\_build\_query(array('identifier'=>'qb\_get\_question','questionid'=>$\_POST['questionid'])));

curl\_setopt($ch, CURLOPT\_RETURNTRANSFER, true);

$return\_val=curl\_exec($ch);

curl\_close($ch);

if ($return\_val == null) {

echo "<h1> Add New Question </h1>";

$purpose = "a\_testbank";

}

else{

echo "<h1> Modify Question </h1>";

$purpose = "e\_question";

}

//Begin Table

/\* Debug Code.

$qtext = "Question Text";

$testcases= array("Testcase 1", "Testcase 2", "Testcase 3");

$solutions = array("Solution 1", "Solution 2", "Solution 3");

$almagamation = array\_combine($testcases, $solutions);

$diff = "Easy";

$purpose = "a\_testbank";\*/

$question = json\_decode($return\_val, true)[0];

$qtext = $question['Question'];

$diff = $question['Difficulty'];

$soln = $question['Answer'];

if(sizeof($question['TestCase']) > 0){

$testcases = $question['TestCase'];

}

else{

$testcases = array("Testcase1", "Testcase2", "Testcase3", "Testcase4");

}

if (count($soln) < count($testcases)){

array\_fill($soln, count($soln) - count($testcases), "Solution");

}

echo '<form action="qblooper.php" method="post">';

foreach (array("Easy", "Medium", "Hard") as $rdiff){

echo '<input type="radio" name=difficulty value="' . $rdiff . '"';

if ($rdiff==$diff) { echo "checked";

}

echo '> ' . $rdiff;

}

echo "<br>";

echo 'Question Text: ';

echo '<input type="text" name="question" value="'. $qtext . '"><br> <br>';

$i = 1;

foreach ($testcases as $case){ // Solutions aren't supported by the DB yet.

echo 'Test Case '. $i .' : <input type="text" name="testcase[' . $i .']" value="'. $case . '">';

echo 'Solution '. $i .' :<input type="text" name="solution[' . $i . ']" value="'. $sol . '"><br>';

$i++;

}

if ($purpose == "e\_question"){

echo '<input type = "hidden" name="qid" value='. $\_POST['questionid']. '>';

}

echo '<input type="hidden" name="identifier" value="'. $purpose .'">';

echo '<button type="submit" class="link-button"> Submit </button>';

echo "</form>";

?>

<a href='qbank.php'> Cancel </a>

</body>

</html>

## Aelooper.php

<?php

// AELOOPER: Send users back to exam managment interface after adding an exam.

//Send data to the DB

$target = 'https://web.njit.edu/~jll25/CS490/switch.php';

$ch= curl\_init();

curl\_setopt($ch, CURLOPT\_URL, $target);

curl\_setopt($ch, CURLOPT\_POST, 1); // Set it to post

curl\_setopt($ch, CURLOPT\_POSTFIELDS, $\_POST);

curl\_setopt($ch, CURLOPT\_RETURNTRANSFER, true);

$return\_val=curl\_exec($ch);

curl\_close($ch);

//Thankfully, qbank doesn't require any post data, so we can ust use a header for this one.

header('Location: http://afsaccess.njit.edu/~db368/CS490\_git/CS490-Test-Website-Frontend/mexam.php');

?>

## Controller.php

<?php //Controller.php

// PHASE 1: AUTHENTICATION

if ($\_POST['phase'] == '1') {

$ch = curl\_init();

curl\_setopt($ch, CURLOPT\_URL, "https://web.njit.edu/~jll25/CS490/backend.php");

curl\_setopt($ch, CURLOPT\_POST, 1); // Set it to post

curl\_setopt($ch, CURLOPT\_POSTFIELDS, http\_build\_query(array('username' => $\_POST["username"], 'password' => $\_POST["password"])));

curl\_setopt($ch, CURLOPT\_RETURNTRANSFER, true);

$return\_val=curl\_exec($ch);

curl\_close($ch);

echo $return\_val;

}

// PHASE 2: REDIRECTION

else{

header("Location: https://web.njit.edu/~db368/CS490/instructor.html");

}

## Druswitch.php

<?php //Druswitch.php

//First of all, I'm not uploading the password/username to github. That's a bad idea. Instead lets load it from a secret config file.

if (!isset($\_POST['identifier'])) {echo "No identifier!";

}

//echo var\_dump($\_POST);

//echo "Is this thing on?";

$secretfilepath = "secret.ini";

$up = parse\_ini\_file($secretfilepath);

$username = $up['username'];

$password = $up['password'];

// Testing this is fun

$datab = new mysqli("sql1.njit.edu", $username, $password, $username);

if (mysqli\_connect\_errno()) {echo "Something went wrong";

}

//Lets hope we make it this far

switch($\_POST['identifier']){

case "aq\_exam":

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

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

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

$add ="INSERT INTO ExQuestions (Exam\_id, Question\_id, Total\_points)

VALUES ('$eid', '$qid', '$score')";

sleep(1); //Give the DB some time to update

if (!$datab->query($add)) {

echo "FAILURE!";

}

}

?>

## Eexam.php

<html>

<head>

<title> Exam Question Add </title>

<style>

div.testbankquestions {

float: right;

overflow: auto;

width: 50%;

background-color: orange;

height:100%;

}

div.examquestions {

float: left;

overflow: auto;

width: 50%;

background-color: lightblue;

height:100%;

}

th, td{

border:1px solid;

padding: 8px;

}

tr:nth-child(even){

background-color:white;

padding: 16px;

}

th{

background-color: gray;

}

</style>

</head>

<body>

<div class="examquestions">

<h1> Exam Questions </h1>

<?php

if (!isset($\_POST['id'])) {

echo "No ID!??!";

exit;

}

else {$Eid = $\_POST["id"];

}

$target = "https://web.njit.edu/~jll25/CS490/switch.php";

$ch= curl\_init();

curl\_setopt($ch, CURLOPT\_URL, $target);

curl\_setopt($ch, CURLOPT\_POST, 1); // Set it to post

curl\_setopt($ch, CURLOPT\_POSTFIELDS, array('identifier'=>'e\_get\_questions', 'id' => $\_POST["id"]));

curl\_setopt($ch, CURLOPT\_RETURNTRANSFER, true);

$return\_val=curl\_exec($ch);

curl\_close($ch);

$questions = json\_decode($return\_val, true);

if ($questions == null) {

echo "No questions yet!";

}

else{

echo '<table style="width:100%">';

echo '<tr><th> Question </th> <th> Difficulty </th> <th> Score </th> <th> Update </th><th> Remove </th> </tr>';

foreach ($questions as $question){

echo '<form method="post" action="exlooper.php">';

echo '<input type="hidden" name="eid" value="'. $Eid . '">';

$qid = $question['Qid']; // This is the only variable used twice

echo '<tr>';

echo '<input type="hidden" name="qid" value="'. $cid . '">';

echo '<td>'. $question['Question'] . '</td>';

echo '<td> ' . $question['Difficulty'] . '</td>';

echo '<td> <input type="number" name="score" value="'. $question['Total\_points'] . '"></td>';

echo '<td> <button type="submit" name ="identifier" value="aq\_exam"> Update </button> </td>';

echo '<td> <button type="submit" name ="identifier" value="req\_exam"> Remove </button></td>';

echo '</form>';

echo '</tr>';

}

echo "</table>";

}

?>

</div>

<div class="testbankquestions">

<h1>Test Bank Questions</h1>

<?php

$Eid = $\_POST['id'];

//Obtain Question Bank

$target = "https://web.njit.edu/~jll25/CS490/switch.php";

$ch= curl\_init();

curl\_setopt($ch, CURLOPT\_URL, $target);

curl\_setopt($ch, CURLOPT\_POST, 1); // Set it to post

curl\_setopt($ch, CURLOPT\_POSTFIELDS, array('identifier'=>'v\_testbank'));

curl\_setopt($ch, CURLOPT\_RETURNTRANSFER, true);

$return\_val=curl\_exec($ch);

curl\_close($ch);

$questions = json\_decode($return\_val, true);

/\* Test Data

for ($i = 0; $i<$tas; $i++)

{

array\_push($examquestions, 'Question '. rand(1000, 9999));

array\_push($qbids, $i);

//if (rand(0,20) > 15){

if (false) {

array\_push($examids, $i);

}

array\_push($examids, $i);

array\_push($questionbank, "Question ". $i);

$numcases = rand(1, 5);

$cases = array();

for ($k=0; $k<$numcases; $k++){

array\_push($cases, 39);

}

array\_push($testcases, $cases);

array\_push($diffs, "Difficulty");

}

\*/

echo '<table style="width:100%">';

// FOR RELEASE: echo '<tr><th> Question </th> <th> Difficulty </th> <th> Testcases </th> <th> Add to Exam </th> </tr>';

echo '<tr><th> Question </th> <th> Difficulty </th> <th> Add to Exam </th> </tr>';

foreach ($questions as $question){

//if (in\_array($qbids[$i], $examids)) { //TODO:This question is already on the array, skip it

// continue;

//}

echo '<tr>';

echo '<form method="post" action="exlooper.php">';

echo '<input type="hidden" name="qid" value="'. $question['Qid'] . '">';

echo '<input type="hidden" name="eid" value="'. $Eid . '">';

echo '<input type="hidden" name="score" value="0">';

echo '<td>'. $question['Question'] . '</td>';

echo '<td> ' . $question['Difficulty'] . '</td>';

//echo '<td>'. count($testcases[$i]). '</td>';

echo '<td> <button type="submit" name ="identifier" value="aq\_exam"> Add to Exam </button> </td>';

echo '</form>';

echo '</tr>';

}

echo "</table>"

?>

</div>

</body>

</html>