chooseSemester.php

<?php

session\_start();

include 'phpAPI.php';

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>ABET Accredidation</title>

<link rel="stylesheet" href="css/style.css">

<link rel="stylesheet" href="css/foundation.css" />

<script src="js/vendor/modernizr.js"></script>

<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.9.1/jquery.min.js">

</script>

<script>

function loadCourses(str) {

var instructor = <?php echo(json\_encode($\_SESSION['instructor'])); ?>;

//leave options blank if nothing selected

if(str=="") {

document.getElementById("courses").innerHTML = "";

return;

}

else

{

//default xmlhttp request

if (window.XMLHttpRequest)

{

xmlhttp = new XMLHttpRequest();

}

//http request for old ie

else

{

xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");

}

xmlhttp.onreadystatechange=function()

{

if (xmlhttp.readyState==4 && xmlhttp.status==200)

{

document.getElementById("courses").innerHTML=xmlhttp.responseText;

}

}

xmlhttp.open("GET","getCourses.php?s="+str+"&i="+instructor,true);

xmlhttp.send();

}

}

function toggleButton(str) {

if(str==""){

document.getElementById('btn').disabled=true;

}

else{

document.getElementById('btn').disabled=false;

}

}

</script>

</head>

<body>

<div class='choose'>

<h3>Select Semester and Course</h3>

<form action='forms.php' method="POST">

<div class='dropdown'>

<select name = 'semester' onchange="loadCourses(this.value)">

<option value="" disabled selected style='display:none;'>

Select Semester

</option>

<option value="Fall2014">Fall 2014</option>

<option value="Spring2015">Spring 2015</option>

<option value="Fall2015">Fall 2015</option>

<option value="Spring2016">Spring 2016</option>

<option value="Fall2016">Fall 2016</option>

<option value="Spring2017">Spring 2017</option>

<option value="Fall2017">Fall 2017</option>

</select>

</div>

<div class='dropdown' id='courses'>

</div>

<input type='submit' value='View Forms' class='button tiny' id='btn' disabled>

</form>

</div>

</body>

</html>

form.php

<?php

session\_start();

include 'phpAPI.php';

$form = json\_decode($\_POST['form']);

$\_SESSION['semester'] = $form->{'semester'};

$\_SESSION['courseId'] = $form->{'courseId'};

$\_SESSION['instructor'] = $form->{'instructor'};

$\_SESSION['CACOutcome'] = $form->{'CACOutcome'};

$\_SESSION['EACOutcome'] = $form->{'EACOutcome'};

$\_SESSION['numRubrics'] = count($form->{'rubrics'});

?>

<!doctype html>

<html lang="en">

<head>

<meta charset="utf-8">

<title>Outcome Sheet</title>

<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js">

</script>

<script src="js/generateForm.js"></script>

<link rel="stylesheet" href="css/foundation.css" />

<link rel="stylesheet" href="css/style.css" />

<script src="js/vendor/modernizr.js"></script>

</head>

<body>

<div class='form' id='form'>

</div>

<script type='text/javascript'>

generateForm(<?php echo $\_POST['form'] ?>);

</script>

</body>

</html>

forms.php

<?php

session\_start();

error\_reporting(0);

?>

<!doctype html>

<html>

<head>

<meta charset="utf-8">

<title>Outcome Sheet</title>

<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js">

</script>

<script src="js/generateForm.js"></script>

<link rel="stylesheet" href="css/foundation.css" />

<link rel="stylesheet" href="css/style.css" />

<script src="js/vendor/modernizr.js"></script>

</head>

<body>

<div class='choose'>

<h3>Choose Outcome</h3>

<?php

include 'phpAPI.php';

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

$courseId = $\_POST['course'];

$instructor = $\_SESSION['instructor'];

$forms = getForms($instructor, $semester, $courseId);

foreach($forms as $form) {

$jsonForm = json\_encode($form);

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

echo "<input type='hidden' name='form' value='".$jsonForm."'>";

if($form->getCACOutcome()) {

echo " CAC-" . $form->getCACOutcome() . " ";

}

if($form->getEACOutcome()) {

echo " EAC-" . $form->getEACOutcome() . " ";

}

echo "<input type='submit' value='Generate' class='button tiny'>";

echo "</form>";

}

?>

</div>

</body>

</html>

admin.php

<?php

session\_start();

include 'phpAPI.php';

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>ABET Accredidation</title>

<link rel="stylesheet" href="css/style.css">

<link rel="stylesheet" href="css/foundation.css" />

<script src="js/vendor/modernizr.js"></script>

<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.9.1/jquery.min.js">

</script>

<script>

function getOutcomes(str) {

//leave options blank if nothing selected

if(str=="") {

document.getElementById("OutcomeForms").innerHTML = "";

return;

}

else

{

//default xmlhttp request

if (window.XMLHttpRequest)

{

xmlhttp = new XMLHttpRequest();

}

//http request for old ie

else

{

xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");

}

xmlhttp.onreadystatechange=function()

{

if (xmlhttp.readyState==4 && xmlhttp.status==200)

{

document.getElementById("OutcomeForms").innerHTML=xmlhttp.responseText;

}

}

xmlhttp.open("GET","getCycle.php?s="+str,true);

xmlhttp.send();

}

}

</script>

</head>

<body>

<form action='stats.php' method = 'POST' id='form'>

<div class='choose'>

<h1>Choose Outcome</h1>

<div class='dropdown'>

<select name = 'semester' onchange="getOutcomes(this.value)">

<option value="" disabled selected style='display:none;'>

Select Semester

</option>

<option value="Fall2014">Fall 2014</option>

<option value="Spring2015">Spring 2015</option>

<option value="Fall2015">Fall 2015</option>

<option value="Spring2016">Spring 2016</option>

<option value="Fall2016">Fall 2016</option>

<option value="Spring2017">Spring 2017</option>

</select>

</div>

<div id = "OutcomeForms">

</div>

</div>

</form>

</body>

</html>

generateForm.js

function generateForm(form) {

var formDiv = document.getElementById("form");

var headerDiv = getHeaderDiv(form);

formDiv.appendChild(headerDiv);

var formTag = document.createElement("form");

formTag.setAttribute("action", "saveForm.php");

formTag.setAttribute("method", "POST");

if(form['studentsCAC']) {

var tableDiv = getCACTableDiv(form);

formTag.appendChild(tableDiv);

}

if(form['studentsEAC']) {

var tableDiv = getEACTableDiv(form);

formTag.appendChild(tableDiv);

}

var basisDiv = getBasisDiv();

formTag.appendChild(basisDiv);

var submitButton = document.createElement("INPUT");

submitButton.setAttribute("type", "submit");

submitButton.setAttribute("value", "Submit");

submitButton.setAttribute("class", "button tiny")

formTag.appendChild(submitButton);

formDiv.appendChild(formTag);

}

var getHeaderDiv = function(form) {

var header = document.createElement("div");

var courseElement = document.createElement("h3");

var semesterElement = document.createElement("h3");

var instructorElement = document.createElement("h5");

var outcomeElement = document.createElement("h5");

courseElement.innerHTML = form['courseId'].toUpperCase();

courseElement.setAttribute("id","course");

semesterElement.innerHTML = form['semester'];

semesterElement.setAttribute("id","semester");

instructorElement.innerHTML = "Instructor: " + form['instructor'];

instructorElement.setAttribute("id","instructor");

instructorElement.setAttribute("style","text-transform:capitalize");

outcomeElement.innerHTML = "Outcome: <strong>" + form['description'] +

"</strong>";

outcomeElement.setAttribute("id", "outcome");

header.appendChild(courseElement);

header.appendChild(semesterElement);

header.appendChild(instructorElement);

header.appendChild(outcomeElement);

return header;

}

var getCACTableDiv = function(form) {

var tableDiv = document.createElement("div");

var major = document.createElement("h4");

var table = getTable(form['rubrics'],"CAC");

var studentList = getStudentListElement(form['studentsCAC']);

major.innerHTML = "Computer Science Undergrads";

tableDiv.appendChild(major);

tableDiv.appendChild(table);

tableDiv.appendChild(studentList);

return tableDiv;

}

var getEACTableDiv = function(form) {

var tableDiv = document.createElement("div");

var major = document.createElement("h4");

var table = getTable(form['rubrics'], "EAC");

var studentList = getStudentListElement(form['studentsEAC']);

major.innerHTML = "Computer Engineering Undergrads";

tableDiv.appendChild(major);

tableDiv.appendChild(table);

tableDiv.appendChild(studentList);

return tableDiv;

}

var getTable = function(rubrics, type) {

var table = document.createElement("table");

table.appendChild(getTableHeader());

for(var i = 0; i < rubrics.length; i++) {

var row = document.createElement("tr");

var cell = document.createElement("td");

cell.innerHTML = rubrics[i];

row.appendChild(cell);

for(var j = 0; j < 4; j++) {

cell = document.createElement("td");

cell.innerHTML = "<input type=\"number\" min=\"0\" max=\"100\" value=\"0\"

name=\"" + type + "-" + i + "-" + j + "\">";

row.appendChild(cell);

}

table.appendChild(row);

}

return table;

}

var getTableHeader = function() {

var row = document.createElement("tr");

var data = document.createElement("th");

row.appendChild(data);

var data = document.createElement("th");

data.appendChild(document.createTextNode('1 (weak)'));

row.appendChild(data);

var data = document.createElement("th");

data.appendChild(document.createTextNode('2 (poor)'));

row.appendChild(data);

var data = document.createElement("th");

data.appendChild(document.createTextNode('3 (good)'));

row.appendChild(data);

var data = document.createElement("th");

data.appendChild(document.createTextNode('4 (excellent)'));

row.appendChild(data);

return row;

}

var getStudentListElement = function(studentList) {

var listElement = document.createElement("h5");

listElement.innerHTML =" Students: ";

for(var i = 0; i < studentList.length; i++) {

listElement.innerHTML += studentList[i] + ", ";

}

//slice off trailing comma

listElement.innerHTML = listElement.innerHTML.slice(0,-2);

return listElement;

}

var getBasisDiv = function () {

var basis = document.createElement("div");

var label = document.createElement("h4");

var input = document.createElement("textarea");

input.setAttribute("name", "basedOn");

input.setAttribute("id", "basis");

var note = document.createElement("h5");

label.innerHTML = "The above evaluation is based on:";

note.innerHTML = "This can be a project, an assignment or homework." +

"Please list above - or provide reference to the basis of" +

"evaluation (e.g. Assignment 2, Exam - question 5, etc.)";

basis.appendChild(label);

basis.appendChild(input);

basis.appendChild(note);

return basis;

}

getCourses.php

<?php

include 'phpAPI.php';

$semester = $\_GET['s'];

$instructor = $\_GET['i'];

$courseList = getCourseList($instructor, $semester);

echo "<select name = 'course'onchange='toggleButton(this.value)'>

<option value='' disabled selected style='display:none;'>

Select Course</option>";

foreach($courseList as $course){

echo sprintf('<option value="%s">%s</option>', $course['course'],

$course['course']);

}

echo "</select>";

?>

login.css

.login {

position: relative;

margin: 0 auto;

padding: 20px 20px 20px;

width: 310px;

background: white;

border-radius:3px;

box-shadow: 0 0 200px rgba(255,255,255,0.5), 0 1px 2px rgba(0,0,0,0.3);

}

.choose {

position: relative;

margin: 0 auto;

padding: 20px 20px 20px;

width: 310px;

background: white;

border-radius:3px;

box-shadow: 0 0 200px rgba(255,255,255,0.5), 0 1px 2px rgba(0,0,0,0.3);

}

style.css

html {

background-color:#fff;

}

#upArrow {

float: left;

width:20px;

height:15px;

}

#downArrow {

float: left;

width:20px;

height:15px;

}

.login {

position: relative;

margin: 0 auto;

padding: 20px 20px 20px;

width: 310px;

background: white;

border-radius:3px;

box-shadow: 0 0 200px rgba(255,255,255,0.5), 0 1px 2px rgba(0,0,0,0.3);

}

.choose {

position: relative;

margin: 0 auto;

padding: 20px 20px 20px;

width: 310px;

background: white;

border-radius:3px;

box-shadow: 0 0 200px rgba(255,255,255,0.5), 0 1px 2px rgba(0,0,0,0.3);

}

.form {

position: relative;

margin: 0 auto;

padding: 20px 20px 20px;

width: 750px;

background: white;

border-radius:3px;

box-shadow: 0 0 200px rgba(255,255,255,0.5), 0 1px 2px rgba(0,0,0,0.3);

}

.hidden {

visibility:hidden;

}

#course {

float:left;

}

#semester {

float:right;

}

#instructor {

clear:left;

}

#outcome {

clear:both;

}

#basis {

}

h3 {

font-size: 18px;

}

h4 {

font-weight: bold;

font-size: 16px;

}

h5 {

font-size: 14px;

}

h6 {

font-weight: bold;

font-size: 14px;

}

getCycle.php

<?php

include 'phpAPI.php';

$semester = $\_GET['s'];

$outcomeList = getSemesterOutcomes($semester);

//print\_r($outcomeList['CACOutcomes']);

echo "<h3>CAC Outcomes</h3>";

foreach($outcomeList['CACOutcomes'] as $outcome) {

echo "<button type='submit' value='CAC-" . $outcome . "' name='form'

class='btn'>CAC-" . $outcome . "</button>";

}

echo "<h3>EAC Outcomes</h3>";

foreach($outcomeList['EACOutcomes'] as $outcome) {

echo "<button type='submit' value='EAC-" . $outcome . "' name='form'

class='btn'>EAC-" . $outcome . "</button>";

}

?>

index.php

<?php

session\_start();

if (isset($\_POST['submit'])) {

if (!$\_POST['username'] | !$\_POST['password']) {

echo "<script type='text/javascript'>alert('You did not complete all the

required fields');</script>";

}

$m = new MongoClient(); //connect

$db = $m->selectDB("ABET");

$users = new MongoCollection($db, 'Users');

$conditions = array('$and' => array(array('name' => $\_POST['username']),

array('password' => $\_POST['password'])));

if($conditions.count() === 1) {

if($\_POST['username'] == "admin") {

header("Location: admin.php");

}

else {

header("Location: chooseSemester.php");

}

}

else{

echo "<script type='text/javascript'>alert('Incorect Credentials');

</script>";

}

if($\_POST['username'] == "admin") {

header("Location: admin.php");

}

else {

$\_SESSION['instructor'] = $\_POST['username'];

header("Location: chooseSemester.php");

}

}

?>

<!doctype html>

<html>

<head>

<title>ABET Accredidation</title>

<link rel="stylesheet" href="css/style.css">

<link rel="stylesheet" href="css/login.css">

<link rel="stylesheet" href="css/foundation.css" />

<script src="js/vendor/modernizr.js"></script>

<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.9.1/jquery.min.js">

</script>

</head>

<body>

<div class='login'>

<h1>Login</h1>

<form method="POST" action="index.php">

<p>

<input type="text" name="username" value placeholder="Username">

</p>

<p>

<input type="password" name="password" value placeholder="Password">

</p>

<input type="submit" value="Login" name='submit' class='button'>

</form>

</div>

</body>

</html>

phpAPI.php

<?php

class Form {

public function Form($instructor, $semester, $courseId, $courseName,

$studentsCAC, $studentsEAC, $rubrics, $description,

$CACOutcome, $EACOutcome) {

$this->instructor = $instructor;

$this->semester = $semester;

$this->courseId = $courseId;

$this->courseName = $courseName;

$this->studentsCAC = $studentsCAC;

$this->studentsEAC = $studentsEAC;

$this->rubrics = $rubrics;

$this->description = $description;

$this->CACOutcome = $CACOutcome;

$this->EACOutcome = $EACOutcome;

}

public function setInstructor($instructor) {

$this->instructor = $instuctor;

}

public function setSemester($semester) {

$this->semester = $semester;

}

public function setCourseId($courseId) {

$this->courseId = $courseId;

}

public function setCourseName($courseName) {

$this->courseName = $courseName;

}

public function setStudentsCAC($studentsCAC) {

$this->studentsCAC = $studentsCAC;

}

public function setStudentsEAC($studentsEAC) {

$this->studentsEAC = $studentsEAC;

}

public function setRubrics($rubrics) {

$this->rubrics = $rubrics;

}

public function setDescription($description) {

$this->description = $description;

}

public function getInstructor() {

return $this->instructor;

}

public function getSemester() {

return $this->semester;

}

public function getCourseID() {

return $this->courseId;

}

public function getCourseName() {

return $this->courseName;

}

public function getStudentsCAC() {

return $this->studentsCAC;

}

public function getStudentsEAC() {

return $this->studentsEAC;

}

public function getRubrics() {

return $this->rubrics;

}

public function getDescription() {

return $this->description;

}

public function getCACOutcome() {

return $this->CACOutcome;

}

public function getEACOutcome() {

return $this->EACOutcome;

}

}

function getStats($letter, $type, $semester){

$m = new MongoClient(); //connect

$db = $m->selectDB("ABET");

$allResults = new MongoCollection($db, 'Results');

$type = strtoupper($type);

$letter = strtoupper($letter);

$type = $type . 'Outcome';

$conditions = array('$and' => array(array($type => $letter),

array('semester' => $semester)));

$results = $allResults->find($conditions);

$outcomes = array();

foreach ($results as $result){

array\_push($outcomes, $result);

}

return $outcomes;

}

function getRubricDescriptions($letter, $type){

$m = new MongoClient(); //connect

$db = $m->selectDB("ABET");

$outcomes = new MongoCollection($db, 'EACandCACMatchups');

$conditions = array($type => $letter);

$result = $outcomes->findOne($conditions);

return $result['rubrics'];

}

function getDescription($letter, $type) {

$m = new MongoClient(); //connect

$db = $m->selectDB("ABET");

$outcomes = new MongoCollection($db, 'Outcomes');

$conditions = array('$and' => array(array('letter' => $letter),

array('type' => $type)));

$result = $outcomes->findOne($conditions);

return $result['description'];

}

function getForms($instructor, $semester, $courseId) {

$forms = array();

$courseInfo = getCourseNameAndOutcomes($courseId);

$courseName = $courseInfo[0];

$outcomes = getMeasuredOutcomes($semester, $courseId);

$CACOutcomes = $outcomes[0];

$EACOutcomes = $outcomes[1];

$students = getStudents($courseId, $instructor, $semester);

$formTypes = getFormTypes($CACOutcomes, $EACOutcomes);

foreach($formTypes as $formType) {

$name = "";

if($formType['CAC']) {

$studentsCAC = $students[0];

$description = getDescription($formType['CAC'], "CAC");

$CACOutcome = $formType['CAC'];

}

else {

$studentsCAC = NULL;

$CACOutcome = NULL;

$description = getDescription($formType['EAC'], "EAC");

}

if($formType['EAC']) {

$studentsEAC = $students[1];

$EACOutcome = $formType['EAC'];

}

else {

$studentsEAC = NULL;

$EACOutcome = NULL;

}

$rubrics = $formType["rubrics"];

$form = new Form($instructor, $semester, $courseId, $courseName,

$studentsCAC, $studentsEAC, $rubrics, $description,

$CACOutcome, $EACOutcome);

array\_push($forms, $form);

}

return $forms;

}

function getFormTypes($CACOutcomes, $EACOutcomes) {

$forms = array();

$m = new MongoClient(); //connect

$db = $m->selectDB("ABET");

$matches = new MongoCollection($db, 'EACandCACMatchups');

$results = $matches->find();

foreach($results as $result) {

if(in\_array($result['EAC'], $EACOutcomes) &&

in\_array($result['CAC'], $CACOutcomes)) {

$tempArray = array("CAC" => $result['CAC'], "EAC" => $result['EAC'],

"rubrics" => $result['rubrics']);

array\_push($forms, $tempArray);

}

else if(in\_array($result['CAC'], $CACOutcomes)) {

$tempArray = array("CAC" => $result['CAC'], "rubrics" => $result['rubrics']);

array\_push($forms, $tempArray);

}

else if(in\_array($result['EAC'], $EACOutcomes)) {

$tempArray = array("EAC" => $result['EAC'], "rubrics" => $result['rubrics']);

array\_push($forms, $tempArray);

}

}

return $forms;

}

function getCourseList($instructor, $semester){

$client = new MongoClient();

$db = $client->selectDB('ABET');

$allCourses = new MongoCollection($db, 'ClassRoster');

$conditions = array('$and' => array(array('semester' => $semester),

array('instructor' => $instructor)));

$results = $allCourses->find($conditions);

$courseList = array();

foreach($results as $result){

array\_push($courseList, $result);

}

return $courseList;

}

function getStudents($courseID, $instructor, $semester){

$client = new MongoClient();

$db = $client->selectDB('ABET');

$allCourses = new MongoCollection($db, 'ClassRoster');

$conditions = array('$and' => array(array('semester' => $semester),

array('instructor' => $instructor), array('course' => $courseID)));

$result = $allCourses->findOne($conditions);

$studentsCAC = $result['studentsCAC'];

$studentsEAC = $result['studentsEAC'];

$studentList = array($studentsCAC, $studentsEAC);

return $studentList;

}

function getCourseNameAndOutcomes($courseID){

$client = new MongoClient();

$db = $client->selectDB('ABET');

$allCourseOutcomes = new MongoCollection($db, 'CourseOutcomes');

$conditions = array('courseId' => $courseID);

$result = $allCourseOutcomes->findOne($conditions);

$courseName = $result['courseName'];

if($result['CACOutcomes'][0] != 'NULL')

$CACOutcomes = $result['CACOutcomes'];

else

$CACOutcomes = NULL;

if($result['EACOutcomes'][0] != 'NULL')

$EACOutcomes = $result['EACOutcomes'];

else

$EACOutcomes = NULL;

$courseInfo = array($courseName, $CACOutcomes, $EACOutcomes);

return $courseInfo;

}

function getMeasuredOutcomes($semester, $courseId){

$courseOutcomes = getCourseOutcomes($courseId);

$cycleOutcomes = getSemesterOutcomes($semester);

$cac = array();

$eac = array();

if($courseOutcomes['CACOutcomes'][0] != NULL){

foreach($courseOutcomes['CACOutcomes'] as $course){

foreach($cycleOutcomes['CACOutcomes'] as $cycle){

if($course == $cycle)

array\_push($cac, $course);

}

}

}

if($courseOutcomes['EACOutcomes'][0] != NULL){

foreach($courseOutcomes['EACOutcomes'] as $course){

foreach($cycleOutcomes['EACOutcomes'] as $cycle){

if($course == $cycle)

array\_push($eac, $course);

}

}

}

$commonOutcomes = array($cac, $eac);

return $commonOutcomes;

}

function getSemesterOutcomes($semester){

$client = new MongoClient();

$db = $client->selectDB('ABET');

$allCycles = new MongoCollection($db, 'CycleOfOutcomes');

$cycleConditions = array('semester' => $semester);

$cycleOutcomes = $allCycles->findOne($cycleConditions);

return $cycleOutcomes;

}

function getCourseOutcomes($courseId) {

$client = new MongoClient();

$db = $client->selectDB('ABET');

$allCourseOutcomes = new MongoCollection($db, 'CourseOutcomes');

$courseConditions = array('courseId' => $courseId);

$courseOutcomes = $allCourseOutcomes->findOne($courseConditions);

return $courseOutcomes;

}

?>

saveForm.php

<?php

session\_start();

$data = array("semester" => $\_SESSION['semester'],

"courseId" => $\_SESSION['courseId'],

"instructor" => $\_SESSION['instructor'],

"CACOutcome" => $\_SESSION['CACOutcome'],

"EACOutcome" => $\_SESSION['EACOutcome'],

"basedOn" => $\_POST['basedOn'],

);

$numRubrics = $\_SESSION['numRubrics'];

if($data["CACOutcome"] && $data["EACOutcome"]) {

$keys = array\_keys($\_POST);

$CACOutcome = array();

$EACOutcome = array();

for($i = 0; $i < $numRubrics; $i++) {

$CAC = getEntry($data['CACOutcome'], $i);

$EAC = getEntry($data['EACOutcome'], $i);

$CACOutcome[$CAC] = array();

$EACOutcome[$EAC] = array();

for($j = 0; $j < 4; $j++) {

$keyIndex = ($i\*4)+$j;

$offset = 4\*$numRubrics;

array\_push($CACOutcome[$CAC], $\_POST[$keys[$keyIndex]]);

array\_push($EACOutcome[$EAC], $\_POST[$keys[($keyIndex + $offset)]]);

}

}

$data['CACResults'] = $CACOutcome;

$data['EACResults'] = $EACOutcome;

}

else if ($data["CACOutcome"]) {

$keys = array\_keys($\_POST);

$CACOutcome = array();

for($i = 0; $i < $numRubrics; $i++) {

$CAC = getEntry($data['CACOutcome'], $i);

$CACOutcome[$CAC] = array();

for($j = 0; $j < 4; $j++) {

$keyIndex = ($i\*4)+$j;

array\_push($CACOutcome[$CAC], $\_POST[$keys[$keyIndex]]);

}

}

$data['CACResults'] = $CACOutcome;

}

else if ($data["EACOutcome"]) {

$keys = array\_keys($\_POST);

$EACOutcome = array();

for($i = 0; $i < $numRubrics; $i++) {

$EAC = getEntry($data['EACOutcome'], $i);

$EACOutcome[$EAC] = array();

for($j = 0; $j < 4; $j++) {

$keyIndex = ($i\*4)+$j;

array\_push($EACOutcome[$EAC], $\_POST[$keys[$keyIndex]]);

}

}

$data['EACResults'] = $EACOutcome;

}

echo json\_encode($data);

$m = new MongoClient(); //connect

$db = $m->selectDB("ABET");

$collection = new MongoCollection($db, 'Results');

$collection->insert($data);

header("Location: chooseSemester.php");

function getEntry($letter, $rubricNumber) {

$entry = $letter . ($rubricNumber+1);

return $entry;

}

?>

stats.php

<?php

session\_start();

include 'phpAPI.php';

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

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

error\_reporting(0);

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>ABET Accredidation</title>

<link rel="stylesheet" href="css/style.css">

<link rel="stylesheet" href="css/foundation.css" />

<script src="js/vendor/modernizr.js"></script>

<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.9.1/jquery.min.js"></script>

</head>

<body>

<div class='form'>

<?php

$letter = substr($form, -1);

$type = substr($form, -5,3);

$letter = strtoupper($letter);

$type = strtoupper($type);

$results = getStats($letter, $type, $semester);

$stats = array(array());

for($i=0; $i< count($results); $i++){

for($j=0; $j< count($results[$i][$type . 'Results']); $j++){

$stats[$letter . strval($j+1)]['weak'] += $results[$i][$type .

'Results'][$letter . strval($j+1)][0];

$stats[$letter . strval($j+1)]['poor'] += $results[$i][$type .

'Results'][$letter . strval($j+1)][1];

$stats[$letter . strval($j+1)]['good'] += $results[$i][$type .

'Results'][$letter . strval($j+1)][2];

$stats[$letter . strval($j+1)]['excellent'] += $results[$i][$type .

'Results'][$letter . strval($j+1)][3];

$stats[$letter . strval($j+1)]['rowTotal'] = $stats[$letter .

strval($j+1)]['excellent'] +

$stats[$letter . strval($j+1)]['good'] + $stats[$letter .

strval($j+1)]['poor'] +

$stats[$letter . strval($j+1)]['weak'];

}

}

$descriptions = getRubricDescriptions($letter, $type);

echo '<h3>' . $type . '-' . $letter . '</h3>';

echo '<h5>Outcome: <strong>' . getDescription($letter, $type) . '</strong>

</h5>';

?>

<table>

<tr>

<th></td>

<th>1(weak)</td>

<th>2(poor)</td>

<th>3(good)</td>

<th>4(excellent)</td>

<th>%S+E</td>

</tr>

<?php

for($i=1; $i< count($stats); $i++){

echo "<tr>";

echo "<td>" . $descriptions[$i-1] . "</td>";

echo "<td>" . ($stats[$letter . strval($i)]['weak']/

$stats[$letter . strval($i)]['rowTotal']) \*100 . "%</td>";

echo "<td>" . ($stats[$letter . strval($i)]['poor']/

$stats[$letter . strval($i)]['rowTotal'])\*100 . "%</td>";

echo "<td>" . ($stats[$letter . strval($i)]['good']/

$stats[$letter . strval($i)]['rowTotal'])\*100 . "%</td>";

echo "<td>" . ($stats[$letter . strval($i)]['excellent']/

$stats[$letter . strval($i)]['rowTotal'])\*100 . "%</td>";

$excellent = ($stats[$letter . strval($i)]['excellent']/

$stats[$letter . strval($i)]['rowTotal'])\*100;

$good = ($stats[$letter . strval($i)]['good']/

$stats[$letter . strval($i)]['rowTotal'])\*100;

echo "<td>" . ($good+$excellent) . "%</td>";

echo "</tr>";

}

?>

</table>

<button id="btn">Go Back</button>

<script type="text/javascript">

document.getElementById("btn").onclick = function () {

location.href = "admin.php";

};

</script>

</div>

</body>

</html>

testPHPAPI.php

<?php

include 'phpAPI.php';

function testGetStats() {

$letter = "A";

$semester = "Spring2014";

$type = "CAC";

$expectedResult = "";

$result = getStats($letter, $semester, $CAC);

if($result == $expectedResult) {

echo "SUCCESS";

}

else{

echo "FAILURE";

}

}

function testGetRubricDescriptions() {

$letter = "A";

$type = "CAC";

$expectedResult="";

$result = $getRubricDescriptions($letter, $type);

if($result == $expectedResult) {

echo "SUCCESS";

}

else{

echo "FAILURE";

}

}

function testGetDescription() {

$letter = "A";

$type = "CAC";

$expectedResult="";

$result = $getDescriptions($letter, $type);

if($result == $expectedResult) {

echo "SUCCESS";

}

else{

echo "FAILURE";

}

}

function testGetForms() {

$instructor = "test";

$semester = "Spring2015";

$courseId = "testCourse";

$expectedResult="";

$result = getForms($instructor, $semester, $courseId);

if($result == $expectedResult) {

echo "SUCCESS";

}

else{

echo "FAILURE";

}

}

function testGetFormTypes() {

$CACOutcomes = array("A", "H", "G");

$EACOutcomes = array("A", "D", "G");

$expectedResult="";

$result = getFormTypes($CACOutcomes, $EACOutcomes);

if($result == $expectedResult) {

echo "SUCCESS";

}

else{

echo "FAILURE";

}

}

function testGetCourseList() {

$instructor = "test";

$semester = "Spring2015";

$expectedResult="";

$result = getCourseList($instructor, $semester);

if($result == $expectedResult) {

echo "SUCCESS";

}

else{

echo "FAILURE";

}

}

function testGetStudents() {

$instructor = "test";

$semester = "Spring2015";

$courseId = "testCourse";

$expectedResult="";

$result = getStudents($courseID, $instructor, $semester);

if($result == $expectedResult) {

echo "SUCCESS";

}

else{

echo "FAILURE";

}

}

function testGetCourseNameAndOutcome() {

$courseId = "testCourse";

$expectedResult="";

$result = getCourseNameAndOutcomes($courseID);

if($result == $expectedResult) {

echo "SUCCESS";

}

else{

echo "FAILURE";

}

}

function testGetMeasuredOutcomes() {

$semester = "Spring2015";

$courseId = "testCourse";

$expectedResult="";

$result = getMeasuredOutcomes($semester, $courseId);

if($result == $expectedResult) {

echo "SUCCESS";

}

else{

echo "FAILURE";

}

}

function testGetSemesterOutcomes() {

$semester = "Spring2015";

$expectedResult="";

$result = getSemesterOutcomes($semester);

if($result == $expectedResult) {

echo "SUCCESS";

}

else{

echo "FAILURE";

}

}

function testGetCourseOutcomes() {

$courseId = "testCourse";

$expectedResult="";

$result = getCourseOutcomes($courseId);

if($result == $expectedResult) {

echo "SUCCESS";

}

else{

echo "FAILURE";

}

}

echo "getStats: " . testGetStats();

echo "getRubricDescriptions: " . testGetRubricDescriptions();

echo "getDescription: " . testGetRubricDescriptions();

echo "getForms: " . testGetForms();

echo "getFormTypes: " . testGetFormTypes();

echo "getCourseList: " . testGetCourseList();

echo "getStudents: " . testGetStudents();

echo "getCourseNameAndOutcomes: " . testGetCourseNameAndOutcomes();

echo "getMeasuredOutcomes: " . testGetMeasuredOutcomes();

echo "getSemesterOutcomes: " . testGetSemesterOutcomes();

echo "getCourseOutcomes: " . testGetCourseOutcomes();

?>

empty.php

<?php

session\_start();

include 'phpAPI.php';

error\_reporting(0);

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>ABET Accredidation</title>

<link rel="stylesheet" href="css/style.css">

<link rel="stylesheet" href="css/foundation.css" />

<script src="js/vendor/modernizr.js"></script>

<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.9.1/jquery.min.js"></script>

</head>

<body>

<h1>There doesn't seem to be any data for that outcome + semester</h1>

<button id="btn">Go Back</button>

<script type="text/javascript">

document.getElementById("btn").onclick = function () {

location.href = "admin.php";

};

</script>

</body>

</html>