**All php files:**

**addCatalog.php:**

<?php

// You won't get here unless there is a session with a valid admin role ..

session\_start();

$user = $\_SESSION["currentUser"];

?>

<!DOCTYPE html>

<html>

<head>

  <title> Add Course to Catalog </title>

  <style>

      body {background-color: powderblue;}

  </style>

  <meta name="author" content="Bill Maggs">

</head>

<body>

<a href="index.php?status=true">Home</a> |

<a href="logout.php">Logout</a>

<!-- <a href="catalog.php"> View Catalog</a> | -->

<h1> Enter Course Course</h1>

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

  <p>Course Name: <input type="text" name="course"></p>

  <p>Semester: <input type="text" name="semester"></p>

  <p>Seating Capacity: <input type="text" name="capacity"></p>

  <input type="submit">

  <input type="reset">

</form>

</body>

</html>

**addcourse.php:**

<?php

// You won't get here unless there is a session with a valid user ..

session\_start();

$user = $\_SESSION["currentUser"];

?>

<!DOCTYPE html>

<html>

<head>

    <title> Add a Course </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<!-- <a href="index.php?status=true">Home</a> | -->

  <a href="enrollment.php">Course Selection</a> |

    <a href="catalog.php">View Catalog</a> |

<!--    <a href="addcourse.php">Add a Course</a> | -->

  <a href="dropcourse.php">Drop a Course</a> |

    <a href="waitlist.php">Request Waitlist</a> |

<h1> Add a Course</h1>

<h2> Welcome User ID  <?php echo $user; ?></h2>

<h2> Enter the requested Course ID to Add</h2>

<?php

/\* ------------------ function to connect to schema ---------------- \*/

function myConnect($sname) {

    $host = 'localhost'; //host name

    $sqluser = 'billmaggs'; //sql user name

    $passwd = 'passme'; //sql password

    $schema = $sname;

    $con = new mysqli($host, $sqluser, $passwd, $schema); //oop connection

    /\* Did connection succeed? \*/

    if (!is\_null($con->connect\_error))

    {

        echo 'connection failed<br>';

        echo 'error number: ' . $con->connect\_errno . '<br>';

        echo 'error message: ' . $con->connect\_error . '<br>';

        die();

    }

//debug code    echo $sname.' database connection successfull! </br>';

    return $con;

    }

/\* ---------------- executeSelectQuery function ---------------------- \*/

function executeSelectQuery($con,$sql)

    {

    $result = mysqli\_query($con,$sql);

    return $result;

    }

/\* --------------- display table function ----------------------- \*/

function displayTable ($result)

{

?>

<!-- setup the table border and header first -->

<table border="1px" style="width:900px; line-height:40px;">

    <thead>

        <tr>

            <th>Course ID</th>

            <th>Course Name</th>

            <th>Semester</th>

            <th>Capacity</th>

            <th>Current</th>

        </tr>

    </thead>

<!-- now fill in the data into the body -->

    <tbody>

        <?php

            while($row = mysqli\_fetch\_assoc($result)){?>

            <tr>

                <td><?php echo $row['p\_cid']; ?></td>

                <td><?php echo $row['p\_cname']; ?></td>

                <td><?php echo $row['p\_csemester']; ?></td>

                <td><?php echo $row['p\_cseats']; ?></td>

                <td><?php echo $row['p\_cfilled']; ?></td>

            <tr>

        <?php

        }

        ?>

    </tbody>

</table>

<?php

}

/\* ----------------------------Main ------------------------------------- \*/

$sname = 'university';                  // Temp hardcode the schema name

$con=myConnect($sname);                 // Call the connect function and assign to $con

$sql = "SELECT \* FROM tblcatalog";      // Set the $sql variable for the table

$result = executeSelectQuery($con, $sql);       // Call the executeSelectQuery function

displayTable($result);                          // Display the table

?>

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

  <p>Course ID: <input type="text" name="courseid"></p>

  <input type="submit">

  <input type="reset">

</form>

<?php

/\* Housekeeping \*/

mysqli\_free\_result($result);

//echo 'memory freed </br>';

mysqli\_close($con);

//echo 'connection closed </br> goodbye';

?>

</body>

</html>

**addNewCatalog:**

<?php

// You won't get here unless there is a session with a valid user ..

session\_start();

$user = $\_SESSION["currentUser"];

?>

<!DOCTYPE html>

<html>

<head>

    <title> Add to Course Catalog </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<a href="index.php?status=true">Home</a> |

<h1> Add to Catalog</h1>

<h2> Welcome User ID  <?php echo $user; ?></h2>

<h2> You have selected this course to add to the University Catalog</h2>

<?php

/\* ------------------ function to connect to schema ---------------- \*/

function myConnect($sname) {

    $host = 'localhost'; //host name

    $sqluser = 'billmaggs'; //sql user name

    $passwd = 'passme'; //sql password

    $schema = $sname;

    $con = new mysqli($host, $sqluser, $passwd, $schema); //oop connection

    /\* Did connection succeed? \*/

    if (!is\_null($con->connect\_error))

    {

        echo 'connection failed<br>';

        echo 'error number: ' . $con->connect\_errno . '<br>';

        echo 'error message: ' . $con->connect\_error . '<br>';

        die();

    }

//debug code    echo $sname.' database connection successfull! </br>';

    return $con;

    }

/\* ---------------- executeSelectQuery function ---------------------- \*/

function executeSelectQuery($con,$sql)

    {

    $result = mysqli\_query($con,$sql);

    return $result;

    }

/\* --------------- display table function ----------------------- \*/

function displayTable ($result)

{

?>

<!-- setup the table border and header first -->

<table border="1px" style="width:900px; line-height:40px;">

    <thead>

        <tr>

            <th>Course ID</th>

            <th>Course Name</th>

            <th>Semester</th>

            <th>Capacity</th>

            <th>Filled</th>

        </tr>

    </thead>

<!-- now fill in the data into the body -->

    <tbody>

        <?php

            while($row = mysqli\_fetch\_assoc($result)){?>

            <tr>

                <td><?php echo $row['p\_cid']; ?></td>

                <td><?php echo $row['p\_cname']; ?></td>

                <td><?php echo $row['p\_csemester']; ?></td>

                <td><?php echo $row['p\_cseats']; ?></td>

                <td><?php echo $row['p\_cfilled']; ?></td>

            <tr>

        <?php

        }

        ?>

    </tbody>

</table>

<?php

}

/\* ----------------------------Main ------------------------------------- \*/

// Use the $\_POST superglobal to assign user data to variables

$p\_coursename = ($\_POST['course']);

$p\_semester = ($\_POST['semester']);

$p\_capacity = ($\_POST['capacity']);

$p\_defaultfilled = 0;

$sname = 'university';                  // Temp hardcode the schema name

$con=myConnect($sname);                 // Call the connect function and assign to $con

// Put together the $sql variable to INSERT with the variable values, student is default role

$sql = "INSERT INTO tblcatalog (p\_cname,p\_csemester,p\_cseats,p\_cfilled)

VALUES ('$p\_coursename', '$p\_semester', '$p\_capacity', '$p\_defaultfilled')";

executeSelectQuery($con,$sql);

// Now verify

$sql = "SELECT \* FROM tblcatalog WHERE p\_cid=(SELECT max(p\_cid) FROM tblcatalog)";

$result = executeSelectQuery($con, $sql);

displayTable($result);

/\* Housekeeping \*/

mysqli\_free\_result($result);

//echo 'memory freed </br>';

mysqli\_close($con);

//echo 'connection closed </br> goodbye';

?>

</body>

</html>

**addNewCourse.php:**

<!DOCTYPE html>

<html>

<!-- addReg.php is the <action> for registration.php. It contains all of the routines

    necessary to add a user to the mySQL database. Once completed,

    this page will return the user to the university landing page -->

<head>

    <title> Add User </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<nav>

    <a href="index.php">Home</a>

</nav>

<?php

/\* ------------------ function to connect to schema ---------------- \*/

function myConnect($sname) {

$host = 'localhost'; //host name

$user = 'billmaggs'; //user name

$passwd = 'passme'; //password

$schema = $sname;

try{

 //place code here that could potentially throw an exception

$con = new mysqli($host, $user, $passwd, $schema); //oop connection

/\* Did connection succeed? \*/

}

catch(Exception $e)

{

  //We will catch ANY exception that the try block will throw

    echo 'Error - connection failed<br>';

    echo 'A connection to the University Database could not be completed, if this continues please<br>';

    echo 'contact University IT support<br>';

    die(); // Stop execution and allow to return home

}

echo $sname.' database connection successfull! </br>';

return $con;

}

/\* ---------------- executeSelectQuery function ---------------------- \*/

function executeSelectQuery($con,$sql)

{

$result = mysqli\_query($con,$sql);

return $result;

}

/\* ---------------- executeQuery function ---------------------- \*/

function executeQuery($con,$sql)

{

if (mysqli\_query($con,$sql)){

  echo "New record created successfully<br/>";

} else {

  echo "Error: " . $sql . "<br>" . mysqli\_error($con);

}

}

/\* --------------- display table function ----------------------- \*/

function displayTable ($result)

{

echo 'returned rows are: ' . $result -> num\_rows . '</br>';

while ($row = mysqli\_fetch\_row($result))

{

    $arrlength = count($row);

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

        {

        echo $row[$i]." ";

        }

    echo "<br/>";

}

}

/\* ------------ alternate display function using htmnl ---------

This will use the passed variable $result for the row data <td>

to fill the html table \*/

function displayTableAlt ($result)

{

?>

<!-- setup the table border and header first -->

<table border="1px" style="width:600px; line-height:40px;">

    <thead>

        <tr>

            <th>User ID</th>

            <th>Email</th>

            <th>Password</th>

            <th>First Name</th>

            <th>Last Name</th>

            <th>Address</th>

            <th>Phone</th>

            <th>Role</th>

        </tr>

    </thead>

<!-- now fill in the data into the body -->

    <tbody>

        <?php

            while($row = mysqli\_fetch\_assoc($result)){?>

            <tr>

                <td><?php echo $row['p\_id']; ?></td>

                <td><?php echo $row['p\_email']; ?></td>

                <td><?php echo $row['p\_password']; ?></td>

                <td><?php echo $row['p\_fname']; ?></td>

                <td><?php echo $row['p\_lname']; ?></td>

                <td><?php echo $row['p\_address']; ?></td>

                <td><?php echo $row['p\_phone']; ?></td>

                <td><?php echo $row['p\_role']; ?></td>

            <tr>

        <?php

        }

        ?>

    </tbody>

</table>

<?php

}

/\* -------------------Display User Data ----------------------- \*/

function displayUser ($result)

{

?>

<!-- setup the table border and header first -->

<table border="1px" style="width:600px; line-height:40px;">

    <thead>

        <tr>

            <th>User ID</th>

            <th>Email</th>

            <th>Password</th>

            <th>First Name</th>

            <th>Last Name</th>

            <th>Address</th>

            <th>Phone</th>

            <th>Role</th>

        </tr>

    </thead>

<!-- now fill in the data into the body -->

    <tbody>

      <?php

 $row = mysqli\_fetch\_assoc($result);?>

            <tr>

                <td><?php echo $row['p\_id']; ?></td>

                <td><?php echo $row['p\_email']; ?></td>

                <td><?php echo $row['p\_password']; ?></td>

                <td><?php echo $row['p\_fname']; ?></td>

                <td><?php echo $row['p\_lname']; ?></td>

                <td><?php echo $row['p\_address']; ?></td>

                <td><?php echo $row['p\_phone']; ?></td>

                <td><?php echo $row['p\_role']; ?></td>

            <tr>

        <?php

//        }

        ?>

    </tbody>

</table>

<?php

}

/\* ----------- Main script ------------------------------------ \*/

/\* ---------------- Debug Flags ----------------------------------- \*/

//$myVerbose = "on";

$myVerbose = "off";

/\* ----------------------------------------------------------- \*/

// Use the $\_POST superglobal to assign user data to variables

$p\_email = ($\_POST['p\_email']);

$p\_password = ($\_POST['p\_password']);

$p\_fname = ($\_POST['p\_fname']);

$p\_lname = ($\_POST['p\_lname']);

$p\_address = ($\_POST['p\_address']);

$p\_phone = ($\_POST['p\_phone']);

$sname = 'university';                          // Temp hardcode the schema name

$con=myConnect($sname);                             // Call the connect function and assign to $con

// Put together the $sql variable to INSERT with the variable values, student is default role

$sql = "INSERT INTO tbluser (p\_email,p\_password,p\_fname,p\_lname,p\_address,p\_phone,p\_role)

VALUES ('$p\_email', '$p\_password', '$p\_fname', '$p\_lname', '$p\_address', '$p\_phone', 'student')";

executeQuery($con,$sql);

//$sql = "SELECT \* FROM tbluser";                   // Set the $sql variable for a wildcard table SELECT

$sql = "SELECT \* FROM tblUser WHERE p\_id=(SELECT max(p\_id) FROM tbluser)";

$result = executeSelectQuery($con, $sql);

// Display the user information with UserID

echo 'Registration succesful</br>';

displayUser($result);

echo 'REMEMBER your assigned User ID, you will need it to login!</br>';

/\* Housekeeping \*/

mysqli\_free\_result($result);

echo 'memory freed </br>';

mysqli\_close($con);

echo 'connection closed </br> goodbye';

?>

</body>

</html>

**addReg.php**

<!DOCTYPE html>

<html>

<!-- addReg.php is the <action> for registration.php. It contains all of the routines

    necessary to add a user to the mySQL database. Once completed,

    this page will return the user to the university landing page -->

<head>

    <title> Add User </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<nav>

    <a href="index.php">Home</a>

</nav>

<?php

/\* ------------------ function to connect to schema ---------------- \*/

function myConnect($sname) {

$host = 'localhost'; //host name

$user = 'billmaggs'; //user name

$passwd = 'passme'; //password

$schema = $sname;

try{

 //place code here that could potentially throw an exception

$con = new mysqli($host, $user, $passwd, $schema); //oop connection

/\* Did connection succeed? \*/

}

catch(Exception $e)

{

  //We will catch ANY exception that the try block will throw

    echo 'Error - connection failed<br>';

    echo 'A connection to the University Database could not be completed, if this continues please<br>';

    echo 'contact University IT support<br>';

    die(); // Stop execution and allow to return home

}

echo $sname.' database connection successfull! </br>';

return $con;

}

/\* ---------------- executeSelectQuery function ---------------------- \*/

function executeSelectQuery($con,$sql)

{

$result = mysqli\_query($con,$sql);

return $result;

}

/\* ---------------- executeQuery function ---------------------- \*/

function executeQuery($con,$sql)

{

if (mysqli\_query($con,$sql)){

  echo "New record created successfully<br/>";

} else {

  echo "Error: " . $sql . "<br>" . mysqli\_error($con);

}

}

/\* --------------- display table function ----------------------- \*/

function displayTable ($result)

{

echo 'returned rows are: ' . $result -> num\_rows . '</br>';

while ($row = mysqli\_fetch\_row($result))

{

    $arrlength = count($row);

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

        {

        echo $row[$i]." ";

        }

    echo "<br/>";

}

}

/\* ------------ alternate display function using htmnl ---------

This will use the passed variable $result for the row data <td>

to fill the html table \*/

function displayTableAlt ($result)

{

?>

<!-- setup the table border and header first -->

<table border="1px" style="width:600px; line-height:40px;">

    <thead>

        <tr>

            <th>User ID</th>

            <th>Email</th>

            <th>Password</th>

            <th>First Name</th>

            <th>Last Name</th>

            <th>Address</th>

            <th>Phone</th>

            <th>Role</th>

        </tr>

    </thead>

<!-- now fill in the data into the body -->

    <tbody>

        <?php

            while($row = mysqli\_fetch\_assoc($result)){?>

            <tr>

                <td><?php echo $row['p\_id']; ?></td>

                <td><?php echo $row['p\_email']; ?></td>

                <td><?php echo $row['p\_password']; ?></td>

                <td><?php echo $row['p\_fname']; ?></td>

                <td><?php echo $row['p\_lname']; ?></td>

                <td><?php echo $row['p\_address']; ?></td>

                <td><?php echo $row['p\_phone']; ?></td>

                <td><?php echo $row['p\_role']; ?></td>

            <tr>

        <?php

        }

        ?>

    </tbody>

</table>

<?php

}

/\* -------------------Display User Data ----------------------- \*/

function displayUser ($result)

{

?>

<!-- setup the table border and header first -->

<table border="1px" style="width:600px; line-height:40px;">

    <thead>

        <tr>

            <th>User ID</th>

            <th>Email</th>

            <th>Password</th>

            <th>First Name</th>

            <th>Last Name</th>

            <th>Address</th>

            <th>Phone</th>

            <th>Role</th>

        </tr>

    </thead>

<!-- now fill in the data into the body -->

    <tbody>

      <?php

 $row = mysqli\_fetch\_assoc($result);?>

            <tr>

                <td><?php echo $row['p\_id']; ?></td>

                <td><?php echo $row['p\_email']; ?></td>

                <td><?php echo $row['p\_password']; ?></td>

                <td><?php echo $row['p\_fname']; ?></td>

                <td><?php echo $row['p\_lname']; ?></td>

                <td><?php echo $row['p\_address']; ?></td>

                <td><?php echo $row['p\_phone']; ?></td>

                <td><?php echo $row['p\_role']; ?></td>

            <tr>

        <?php

//        }

        ?>

    </tbody>

</table>

<?php

}

/\* ----------- Main script ------------------------------------ \*/

/\* ---------------- Debug Flags ----------------------------------- \*/

//$myVerbose = "on";

$myVerbose = "off";

/\* ----------------------------------------------------------- \*/

// Use the $\_POST superglobal to assign user data to variables

$p\_email = ($\_POST['p\_email']);

$p\_password = ($\_POST['p\_password']);

$p\_fname = ($\_POST['p\_fname']);

$p\_lname = ($\_POST['p\_lname']);

$p\_address = ($\_POST['p\_address']);

$p\_phone = ($\_POST['p\_phone']);

$sname = 'university';                          // Temp hardcode the schema name

$con=myConnect($sname);                             // Call the connect function and assign to $con

// Put together the $sql variable to INSERT with the variable values, student is default role

$sql = "INSERT INTO tbluser (p\_email,p\_password,p\_fname,p\_lname,p\_address,p\_phone,p\_role)

VALUES ('$p\_email', '$p\_password', '$p\_fname', '$p\_lname', '$p\_address', '$p\_phone', 'student')";

executeQuery($con,$sql);

//$sql = "SELECT \* FROM tbluser";                   // Set the $sql variable for a wildcard table SELECT

$sql = "SELECT \* FROM tblUser WHERE p\_id=(SELECT max(p\_id) FROM tbluser)";

$result = executeSelectQuery($con, $sql);

// Display the user information with UserID

echo 'Registration succesful</br>';

displayUser($result);

echo 'REMEMBER your assigned User ID, you will need it to login!</br>';

/\* Housekeeping \*/

mysqli\_free\_result($result);

echo 'memory freed </br>';

mysqli\_close($con);

echo 'connection closed </br> goodbye';

?>

</body>

</html>

**addWaitlist.php**

<?php

// You won't get here unless there is a session with a valid user ..

session\_start();

$user = $\_SESSION["currentUser"];

?>

<!DOCTYPE html>

<html>

<head>

    <title> Add Waitlist </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<a href="index.php?status=true">Home</a> |

<a href="catalog.php">Catalog</a> |

<h1> Adding to Waitlist</h1>

<h2> Welcome User ID  <?php echo $user; ?></h2>

<?php

/\* ------------------ function to connect to schema ---------------- \*/

function myConnect($sname) {

    $host = 'localhost'; //host name

    $sqluser = 'billmaggs'; //sql user name

    $passwd = 'passme'; //sql password

    $schema = $sname;

    $con = new mysqli($host, $sqluser, $passwd, $schema); //oop connection

    /\* Did connection succeed? \*/

    if (!is\_null($con->connect\_error))

    {

        echo 'connection failed<br>';

        echo 'error number: ' . $con->connect\_errno . '<br>';

        echo 'error message: ' . $con->connect\_error . '<br>';

        die();

    }

//debug code    echo $sname.' database connection successfull! </br>';

    return $con;

    }

/\* ---------------- executeSelectQuery function ---------------------- \*/

function executeSelectQuery($con,$sql)

    {

    $result = mysqli\_query($con,$sql);

    return $result;

    }

/\* ----------------------------Main ------------------------------------- \*/

$p\_courseid = ($\_POST['courseid']);

$sname = 'university';                  // Temp hardcode the schema name

$con=myConnect($sname);                 // Call the connect function and assign to $con

$sql = "INSERT INTO twaitlist (p\_id,p\_cid)

VALUES ('$user', '$p\_courseid')";

$result = executeSelectQuery($con,$sql);

echo 'User ID ' . $user . ' Successfully added to waitlist for course ' . $p\_courseid;

mysqli\_close($con);

//echo 'connection closed </br> goodbye';

?>

</body>

</html>

**catalog.php**

<?php

// You won't get here unless there is a session with a valifd user ..

session\_start();

$user = $\_SESSION["currentUser"];

?>

<!DOCTYPE html>

<html>

<head>

    <title> Course Catalog </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<a href="enrollment.php">Course Selection</a> |

<a href="addcourse.php">Add Course</a> |

<a href="dropcourse.php">Drop Course</a> |

<a href="waitlist.php">Waitlist</a> |

<h1> Current Course Catalog</h1>

<?php

/\* ------------------ function to connect to schema ---------------- \*/

function myConnect($sname) {

    $host = 'localhost'; //host name

    $sqluser = 'billmaggs'; //sql user name

    $passwd = 'passme'; //sql password

    $schema = $sname;

    $con = new mysqli($host, $sqluser, $passwd, $schema); //oop connection

    /\* Did connection succeed? \*/

    if (!is\_null($con->connect\_error))

    {

        echo 'connection failed<br>';

        echo 'error number: ' . $con->connect\_errno . '<br>';

        echo 'error message: ' . $con->connect\_error . '<br>';

        die();

    }

//debug code    echo $sname.' database connection successfull! </br>';

    return $con;

    }

/\* ---------------- executeSelectQuery function ---------------------- \*/

function executeSelectQuery($con,$sql)

    {

    $result = mysqli\_query($con,$sql);

    return $result;

    }

/\* --------------- display table function ----------------------- \*/

function displayTable ($result)

{

?>

<!-- setup the table border and header first -->

<table border="1px" style="width:900px; line-height:40px;">

    <thead>

        <tr>

            <th>Course ID</th>

            <th>Course Name</th>

            <th>Semester</th>

            <th>Capacity</th>

            <th>Current</th>

        </tr>

    </thead>

<!-- now fill in the data into the body -->

    <tbody>

        <?php

            while($row = mysqli\_fetch\_assoc($result)){?>

            <tr>

                <td><?php echo $row['p\_cid']; ?></td>

                <td><?php echo $row['p\_cname']; ?></td>

                <td><?php echo $row['p\_csemester']; ?></td>

                <td><?php echo $row['p\_cseats']; ?></td>

                <td><?php echo $row['p\_cfilled']; ?></td>

            <tr>

        <?php

        }

        ?>

    </tbody>

</table>

<?php

}

/\* ----------------------------Main ------------------------------------- \*/

$sname = 'university';                  // Temp hardcode the schema name

$con=myConnect($sname);                 // Call the connect function and assign to $con

$sql = "SELECT \* FROM tblcatalog";      // Set the $sql variable for the table

$result = executeSelectQuery($con, $sql);       // Call the executeSelectQuery function

displayTable($result);                          // Display the table

/\* Housekeeping \*/

mysqli\_free\_result($result);

//echo 'memory freed </br>';

mysqli\_close($con);

//echo 'connection closed </br> goodbye';

?>

</body>

</html>

**contact.php**

<!DOCTYPE html>

<html>

<body>

<h1> Contact Us </h1>

<h2> is under development </h2>

<h2> For site issues contact bmaggsjr@gmail.com </h2>

<a href="index.php">Home</a><br>

</body>

</html>

**dropcourse.php**

<?php

// You won't get here unless there is a session with a valid user ..

session\_start();

$user = $\_SESSION["currentUser"];

?>

<!DOCTYPE html>

<html>

<head>

    <title> Drop a Course </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<a href="enrollment.php">Course Selection</a> |

<a href="addcourse.php">Add Course</a> |

<!-- <a href="dropcourse.php">Drop Course</a> | -->

<a href="waitlist.php">Waitlist</a> |

<a href="catalog.php"> View Catalog</a> |

<h1> Request a Drop</h1>

<?php

/\* ------------------ function to connect to schema ---------------- \*/

function myConnect($sname) {

    $host = 'localhost'; //host name

    $sqluser = 'billmaggs'; //sql user name

    $passwd = 'passme'; //sql password

    $schema = $sname;

    $con = new mysqli($host, $sqluser, $passwd, $schema); //oop connection

    /\* Did connection succeed? \*/

    if (!is\_null($con->connect\_error))

    {

        echo 'connection failed<br>';

        echo 'error number: ' . $con->connect\_errno . '<br>';

        echo 'error message: ' . $con->connect\_error . '<br>';

        die();

    }

//debug code    echo $sname.' database connection successfull! </br>';

    return $con;

    }

/\* ---------------- executeSelectQuery function ---------------------- \*/

function executeSelectQuery($con,$sql)

    {

    $result = mysqli\_query($con,$sql);

    return $result;

    }

/\* --------------- display table function ----------------------- \*/

function displayTable ($result)

{

?>

<!-- setup the table border and header first -->

<table border="1px" style="width:900px; line-height:40px;">

    <thead>

        <tr>

            <th>Course ID</th>

            <th>Course Name</th>

            <th>Semester</th>

            <th>Capacity</th>

            <th>Available</th>

        </tr>

    </thead>

<!-- now fill in the data into the body -->

    <tbody>

        <?php

            while($row = mysqli\_fetch\_assoc($result)){?>

            <tr>

                <td><?php echo $row['p\_cid']; ?></td>

                <td><?php echo $row['p\_cname']; ?></td>

                <td><?php echo $row['p\_csemester']; ?></td>

                <td><?php echo $row['p\_cseats']; ?></td>

                <td><?php echo $row['p\_cfilled']; ?></td>

            <tr>

        <?php

        }

        ?>

    </tbody>

</table>

<?php

}

/\* ----------------------------Main ------------------------------------- \*/

$sname = 'university';                  // Temp hardcode the schema name

$con=myConnect($sname);                 // Call the connect function and assign to $con

$sql = "SELECT \* FROM tblcatalog";      // Set the $sql variable for the table

$result = executeSelectQuery($con, $sql);       // Call the executeSelectQuery function

displayTable($result);                          // Display the table

?>

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

  <p>Course ID to Drop: <input type="text" name="courseid"></p>

  <input type="submit">

  <input type="reset">

</form>

<?php

/\* Housekeeping \*/

mysqli\_free\_result($result);

//echo 'memory freed </br>';

mysqli\_close($con);

//echo 'connection closed </br> goodbye';

?>

</body>

</html>

**enrollment.php**

<?php

session\_start();

$user = $\_SESSION["currentUser"];

//  echo 'current user is ' . $user; //debug use to track user

    ?>

<!DOCTYPE html>

<html>

<head>

    <title> Course Enrollment </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<h1> Welcome to the University Enrollment Page </h1>

<h2> Please Select an Action </h2>

<nav>

    <a href="index.php?status=true">Home</a> |

    <a href="catalog.php">View Catalog</a> |

    <a href="addcourse.php">Add a Course</a> |

    <a href="dropcourse.php">Drop a Course</a> |

    <a href="waitlist.php">Request Waitlist</a> |

</nav>

</body>

</html>

**index.php**

<?php

/\*

First release 10/22/2024

v1.01 - added functionality for logged in users and entry into course

selection.

William Maggs

CST499

Notes:

The first time the URL is loaded, the login status is undefined since

a user has not tried to login yet. Warnings and Notices are suppressed

for this statement, and then re-enabled after. \*/

error\_reporting(E\_ALL & ~E\_NOTICE & ~E\_WARNING);

$loggedIn = $\_GET['status'];

error\_reporting(E\_ALL & E\_NOTICE & E\_WARNING);

if ($loggedIn == 'true') {

// check if logged in

// if logged start seesion and get current user

    session\_start();

    $user = $\_SESSION["currentUser"];

    $role = $\_SESSION["currentRole"];

//  echo $role . '</br>';

//  echo 'current user is ' . $user; //debug use for tracking user

    if ($role == 'student'){   //Role = Student Links

        ?>

        <!DOCTYPE html>

        <html>

        <head>

            <title> University Enrollment Website </title>

            <style>

                body {background-color: powderblue;}

            </style>

            <meta name="author" content="Bill Maggs">

        </head>

        <body>

        <h1> University Enrollment Homepage</h1>

        <nav>

            <a href="index.php?status=true">Home</a> |

            <a href="logout.php">Logout</a> |

            <a href="enrollment.php">Course Selection</a> |

            <a href="viewmine.php"> View My Courses</a>

        </nav>

        <?php

        }

    if ($role == 'admin'){

            ?>

            <!DOCTYPE html>

            <html>

            <head>

                <title> University Admin Website </title>

                <style>

                    body {background-color: powderblue;}

                </style>

                <meta name="author" content="Bill Maggs">

            </head>

            <body>

            <h1> University Enrollment Admin</h1>

            <nav>

                <a href="index.php?status=true">Home</a> |

                <a href="logout.php">Logout</a> |

                <a href="addCatalog.php">Add to Course Catalog</a>

                <a href="viewEnrolled.php">View Total Enrollment</a>

            </nav>

            <?php

        }

    }

else

// if not logged in show default home page

    {

    ?>

    <!DOCTYPE html>

    <html>

    <head>

        <title> University Enrollment Homepage </title>

        <style>

                body {background-color: powderblue;}

        </style>

        <meta name="author" content="Bill Maggs">

    </head>

    <body>

    <h1> University Enrollment Homepage </h1>

        <nav>

        <a href="index.php">Home</a> |

        <a href="contact.php">Contact Us</a> |

        <a href="login.php">Login</a> |

        <a href="registration.php">Registration</a>

    </nav>

    <?php

    }

?>

</body>

</html>

**login.php**

<!DOCTYPE html>

<html>

<head>

    <title> User Login </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<nav>

    <a href="index.php"?status=false>Home</a> |

</nav>

<h1> Welcome to the University Login Page </h1>

<h2> Please enter your student or staff User ID and password:

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

  <p>UserID: <input type="text" name="userid"></p>

  <p>Password: <input type="text" name="password"></p>

  <input type="submit">

  <input type="reset">

</form>

</h2>

</body>

</html>

**login.php**

<?php

session\_start();

$user = $\_SESSION["currentUser"];

?>

<!DOCTYPE html>

<html>

<head>

    <title> Logging out </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<h1> User Logout</h1>

<?php

echo "You are logged in as: ".$user."<br/";

echo "<br/>Click Logout to end your session, click Cancel to stay logged in <br/>";

?>

<a href="index.php?status=false">Logout</a> |

<a href="index.php?status=true">Cancel</a><br>

</body>

</html>

**mycourseadd.php**

<?php

// You won't get here unless there is a session with a valid user ..

session\_start();

$user = $\_SESSION["currentUser"];

?>

<!DOCTYPE html>

<html>

<head>

    <title> Add a Course </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<a href="index.php?status=true">Home</a> |

<a href="dropcourse.php">Drop Course</a> |

<a href="waitlist.php">Waitlist</a> |

<h1> Add a Course</h1>

<h2> Welcome User ID  <?php echo $user; ?></h2>

<h2> You have selected this course to add</h2>

<?php

/\* ------------------ function to connect to schema ---------------- \*/

function myConnect($sname) {

    $host = 'localhost'; //host name

    $sqluser = 'billmaggs'; //sql user name

    $passwd = 'passme'; //sql password

    $schema = $sname;

    $con = new mysqli($host, $sqluser, $passwd, $schema); //oop connection

    /\* Did connection succeed? \*/

    if (!is\_null($con->connect\_error))

    {

        echo 'connection failed<br>';

        echo 'error number: ' . $con->connect\_errno . '<br>';

        echo 'error message: ' . $con->connect\_error . '<br>';

        die();

    }

//debug code    echo $sname.' database connection successfull! </br>';

    return $con;

    }

/\* ---------------- executeSelectQuery function ---------------------- \*/

function executeSelectQuery($con,$sql)

    {

    $result = mysqli\_query($con,$sql);

    return $result;

    }

/\* --------------- display table function ----------------------- \*/

function displayTable ($result)

{

?>

<!-- setup the table border and header first -->

<table border="1px" style="width:900px; line-height:40px;">

    <thead>

        <tr>

            <th>Course ID</th>

            <th>Course Name</th>

            <th>Semester</th>

            <th>Capacity</th>

            <th>Filled</th>

        </tr>

    </thead>

<!-- now fill in the data into the body -->

    <tbody>

        <?php

            while($row = mysqli\_fetch\_assoc($result)){?>

            <tr>

                <td><?php echo $row['p\_cid']; ?></td>

                <td><?php echo $row['p\_cname']; ?></td>

                <td><?php echo $row['p\_csemester']; ?></td>

                <td><?php echo $row['p\_cseats']; ?></td>

                <td><?php echo $row['p\_cfilled']; ?></td>

            <tr>

        <?php

        }

        ?>

    </tbody>

</table>

<?php

}

/\* ----------------------------Main ------------------------------------- \*/

// Use the $\_POST superglobal to assign user data to variables

$p\_courseid = ($\_POST['courseid']);

$sname = 'university';                  // Temp hardcode the schema name

$con=myConnect($sname);                 // Call the connect function and assign to $con

$sql = "SELECT \* FROM tblcatalog WHERE p\_cid = $p\_courseid";        // Set the $sql variable for the table

$result = executeSelectQuery($con, $sql);       // Call the executeSelectQuery function

$row = mysqli\_fetch\_assoc($result);

echo $row['p\_cname'] . ' for ' . $row['p\_csemester'] . '</br>';

echo 'There are ' . $row['p\_cfilled'] . ' seats filled of ' . $row['p\_cseats']. ' capacity </br>';

$avail = $row['p\_cfilled'];

$capacity = $row['p\_cseats'];

if ($avail < $capacity){

    echo 'Your enrollment is confirmed </br> </br>';

    $sql = "UPDATE tblcatalog SET p\_cfilled = p\_cfilled + 1 WHERE p\_cid = $p\_courseid";     // Set the $sql variable for the table

    $result = executeSelectQuery($con, $sql);       // Call the executeSelectQuery function

    $sql = "SELECT \* FROM tblcatalog WHERE p\_cid = $p\_courseid";        // Set the $sql variable for the table

    $result = executeSelectQuery($con, $sql);       // Call the executeSelectQuery function

    displayTable($result);

//Don't forget to update the enrollment table!

// Put together the $sql variable to INSERT with the variable values

    $sql = "INSERT INTO tblenrollment (p\_id,p\_cid)

    VALUES ('$user', '$p\_courseid')";

    executeSelectQuery($con,$sql);

    }

if ($avail == $capacity)

    echo 'There are no seats available, please use the link to waitlist';

/\* Housekeeping \*/

mysqli\_free\_result($result);

//echo 'memory freed </br>';

mysqli\_close($con);

//echo 'connection closed </br> goodbye';

?>

</body>

</html>

**mydrop.php**

<?php

// You won't get here unless there is a session with a valid user ..

session\_start();

$user = $\_SESSION["currentUser"];

?>

<!DOCTYPE html>

<html>

<head>

    <title> Drop a Course </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<a href="index.php?status=true">Home</a> |

<h1> Drop a Course</h1>

<h2> Welcome User ID  <?php echo $user; ?></h2>

<h2> You have selected this course to drop</h2>

<?php

/\* ------------------ function to connect to schema ---------------- \*/

function myConnect($sname) {

    $host = 'localhost'; //host name

    $sqluser = 'billmaggs'; //sql user name

    $passwd = 'passme'; //sql password

    $schema = $sname;

    $con = new mysqli($host, $sqluser, $passwd, $schema); //oop connection

    /\* Did connection succeed? \*/

    if (!is\_null($con->connect\_error))

    {

        echo 'connection failed<br>';

        echo 'error number: ' . $con->connect\_errno . '<br>';

        echo 'error message: ' . $con->connect\_error . '<br>';

        die();

    }

//debug code    echo $sname.' database connection successfull! </br>';

    return $con;

    }

/\* ---------------- executeSelectQuery function ---------------------- \*/

function executeSelectQuery($con,$sql)

    {

    $result = mysqli\_query($con,$sql);

    return $result;

    }

/\* --------------- display table function ----------------------- \*/

function displayTable ($result)

{

?>

<!-- setup the table border and header first -->

<table border="1px" style="width:900px; line-height:40px;">

    <thead>

        <tr>

            <th>Course ID</th>

            <th>Course Name</th>

            <th>Semester</th>

            <th>Capacity</th>

            <th>Filled</th>

        </tr>

    </thead>

<!-- now fill in the data into the body -->

    <tbody>

        <?php

            while($row = mysqli\_fetch\_assoc($result)){?>

            <tr>

                <td><?php echo $row['p\_cid']; ?></td>

                <td><?php echo $row['p\_cname']; ?></td>

                <td><?php echo $row['p\_csemester']; ?></td>

                <td><?php echo $row['p\_cseats']; ?></td>

                <td><?php echo $row['p\_cfilled']; ?></td>

            <tr>

        <?php

        }

        ?>

    </tbody>

</table>

<?php

}

/\* ----------------------------Main ------------------------------------- \*/

// Use the $\_POST superglobal to assign user data to variables

$p\_courseid = ($\_POST['courseid']);

$sname = 'university';                  // Temp hardcode the schema name

$con=myConnect($sname);                 // Call the connect function and assign to $con

$sql = "SELECT \* FROM tblcatalog WHERE p\_cid = $p\_courseid";        // Set the $sql variable for the table

$result = executeSelectQuery($con, $sql);       // Call the executeSelectQuery function

$row = mysqli\_fetch\_assoc($result);

echo $row['p\_cname'] . ' for ' . $row['p\_csemester'] . '</br>';

echo 'There are ' . $row['p\_cfilled'] . ' seats filled of ' . $row['p\_cseats']. ' capacity </br>';

echo 'dropping course</br>';

echo 'updated enrollment</br>';

$sql = "UPDATE tblcatalog SET p\_cfilled = p\_cfilled - 1 WHERE p\_cid = $p\_courseid";     // Set the $sql variable for the table

$result = executeSelectQuery($con, $sql);       // Call the executeSelectQuery function

$sql = "SELECT \* FROM tblcatalog WHERE p\_cid = $p\_courseid";        // Set the $sql variable for the table

$result = executeSelectQuery($con, $sql);       // Call the executeSelectQuery function

displayTable($result);

$sql = "DELETE FROM tblenrollment WHERE p\_id = $user AND p\_cid = $p\_courseid"; // Conditional delete

executeSelectQuery($con,$sql);

/\* Housekeeping \*/

mysqli\_free\_result($result);

//echo 'memory freed </br>';

mysqli\_close($con);

//echo 'connection closed </br> goodbye';

?>

</body>

</html>

**myLogin.php**

<?php

session\_start(); // Keep the user data of login

?>

<!DOCTYPE html>

<html>

 <head>

    <title> login </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

    <h1> Verifying Credentials </h1>

<?php

/\* ------------------ function to connect to schema ---------------- \*/

function myConnect($sname) {

$host = 'localhost'; //host name

$sqluser = 'billmaggs'; //sql user name

$passwd = 'passme'; //sql password

$schema = $sname;

try{

//place code here that could potentially throw an exception

$con = new mysqli($host, $sqluser, $passwd, $schema); //oop connection

}

catch(Exception $e)

{

  //We will catch ANY exception that the try block will throw

    echo 'Error - connection failed<br>';

    echo 'A connection to the University Database could not be completed, if this continues please<br>';

    echo 'contact University IT support<br>';

    die(); // Stop execution and allow to return home

}

echo $sname.' database connection successfull! </br>';

return $con;

}

/\* ---------------- executeSelectQuery function ---------------------- \*/

function executeSelectQuery($con,$sql)

{

$result = mysqli\_query($con,$sql);

return $result;

}

/\* --------------- display table function ----------------------- \*/

function displayTable ($result)

{

echo 'returned rows are: ' . $result -> num\_rows . '</br>';

while ($row = mysqli\_fetch\_row($result))

{

    $arrlength = count($row);

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

        {

        echo $row[$i]." ";

        }

    echo "<br/>";

}

}

/\* ---------------- main -------------------------------------\*/

//set the local variables from post

$loggedIn = false; //start not logged in

$id = ($\_POST['userid']);

//echo $id . '</br>'; // use for debug

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

//echo $password . '</br>'; // use for debug

//set schema

$sname = 'university';                          // Temp hardcode the schema name

$con=myConnect($sname);                             // Call the connect function and assign to $con

$sql = "SELECT p\_id, p\_password,p\_role FROM tbluser WHERE p\_id='$id'";

$result = executeSelectQuery($con, $sql);           // Call the executeSelectQuery function, the <full>

//displayTable($result);

$row = mysqli\_fetch\_row($result);

//$check\_id = $row[0];

//echo $check\_id . '  ';

//$check\_password = $row[1];

//echo $check\_password . '</br>';

error\_reporting(E\_ALL & ~E\_NOTICE & ~E\_WARNING);

if ($id == $row[0] && $password == $row[1]){

    echo 'User ID ' . $id . ' is logged in succesfully</br>';

    $loggedIn = true;

    $role = $row[2];

    echo 'Role is: ' . $role . '</br>';

    error\_reporting(E\_ALL & E\_NOTICE & E\_WARNING);

    $\_SESSION["currentUser"] = $id;     //save SESSION user

    $\_SESSION["currentRole"] = $role;   //save SESSION role

}

    else {

        echo 'credentials not accepted</br>';

        echo 'user id entered is '. $id . '</br>';

        echo 'password entered is ' . $password . '</br>';

        echo 'please verify your credentials </br>';

        error\_reporting(E\_ALL & E\_NOTICE & E\_WARNING);

    }

/\* Housekeeping \*/

mysqli\_free\_result($result);

echo 'memory freed </br>';

mysqli\_close($con);

echo 'connection closed </br>';

if ($loggedIn){

    ?>

        <a href="index.php?status=true">Continue</a>

    <?php

    }

else{

    ?>

        <a href="index.php?status=false">Continue</a>

    <?php

    }

?>

</body>

</html>

**registration.php**

<!DOCTYPE html>

<html>

<head>

  <title> User Registration </title>

  <style>

      body {background-color: powderblue;}

  </style>

  <meta name="author" content="Bill Maggs">

</head>

<body>

<nav>

  <a href="index.php">Home</a> |

  <a href="contact.php">Contact Us</a> |

  <a href="login.php">Login</a> |

</nav>

<h1> Welcome to the User Registration Page </h1>

<h2> Please enter the following data fields

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

  <p>Email: <input type="text" name="p\_email"></p>

  <p>Password: <input type="text" name="p\_password"></p>

  <p>First Name: <input type="text" name="p\_fname"></p>

  <p>Last Name: <input type="text" name="p\_lname"></p>

  <p>Address: <input type="text" name="p\_address"></p>

  <p>Phone: <input type="text" name="p\_phone"></p>

  <input type="submit">

  <input type="reset">

</form>

</h2>

</body>

</html>

**viewEnrolled.php**

<?php

// You won't get here unless there is a session with a valid student user ..

session\_start();

$user = $\_SESSION["currentUser"];

?>

<!DOCTYPE html>

<html>

<head>

    <title> View Courses </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<a href="index.php?status=true">Home</a>

<h1> Current University Enrollment</h1>

<?php

/\* ------------------ function to connect to schema ---------------- \*/

function myConnect($sname) {

    $host = 'localhost'; //host name

    $sqluser = 'billmaggs'; //sql user name

    $passwd = 'passme'; //sql password

    $schema = $sname;

    $con = new mysqli($host, $sqluser, $passwd, $schema); //oop connection

    /\* Did connection succeed? \*/

    if (!is\_null($con->connect\_error))

    {

        echo 'connection failed<br>';

        echo 'error number: ' . $con->connect\_errno . '<br>';

        echo 'error message: ' . $con->connect\_error . '<br>';

        die();

    }

//debug code    echo $sname.' database connection successfull! </br>';

    return $con;

    }

/\* ---------------- executeSelectQuery function ---------------------- \*/

function executeSelectQuery($con,$sql)

    {

    $result = mysqli\_query($con,$sql); // get query object

    return $result;

    }

/\* ----------------------------Main ------------------------------------- \*/

$sname = 'university';                  // Temp hardcode the schema name

$con=myConnect($sname);                 // Call the connect function and assign to $con

$sql = "SELECT \* FROM tblenrollment";       // Set the $sql variable for the enrollment table

$result = executeSelectQuery($con, $sql);       // create the object

while($row = mysqli\_fetch\_assoc($result)){  // While there is a row ...

    $cid = $row['p\_cid'];       //get the course id

    $sid = $row['p\_id'];        //get the student id

    $sql = "SELECT \* FROM tbluser WHERE p\_id = $sid";   // setup another object with a student ID

    $result3 = executeSelectQuery($con, $sql);          // create an object of all of the students courses

    $row3 = mysqli\_fetch\_assoc($result3);       // convert to array and output

    echo $row3['p\_id'] . ' ' . $row3['p\_fname'] . ' ' . $row3['p\_lname'] . ' ';

    $sql = "SELECT \* FROM tblcatalog WHERE p\_cid = $cid";   // setup another object with course ID

    $result2 = executeSelectQuery($con, $sql);              // create the object with the course

    $row2 = mysqli\_fetch\_assoc($result2);           // create the array and output

    echo $row2['p\_cid'] . ' ' . $row2['p\_cname'] . ' ' . $row2['p\_csemester'] . '</br>';

    }; // All students courses have now been output!

/\* Housekeeping \*/

mysqli\_free\_result($result);

//echo 'memory freed </br>';

mysqli\_close($con);

//echo 'connection closed </br> goodbye';

?>

</body>

</html>

**viewEnrollment.php**

<?php

// You won't get here unless there is a session with a valid student user ..

session\_start();

$user = $\_SESSION["currentUser"];

?>

<!DOCTYPE html>

<html>

<head>

    <title> View Courses </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<a href="index.php?status=true">Home</a>

<h1> My Current Courses</h1>

<?php

/\* ------------------ function to connect to schema ---------------- \*/

function myConnect($sname) {

    $host = 'localhost'; //host name

    $sqluser = 'billmaggs'; //sql user name

    $passwd = 'passme'; //sql password

    $schema = $sname;

    $con = new mysqli($host, $sqluser, $passwd, $schema); //oop connection

    /\* Did connection succeed? \*/

    if (!is\_null($con->connect\_error))

    {

        echo 'connection failed<br>';

        echo 'error number: ' . $con->connect\_errno . '<br>';

        echo 'error message: ' . $con->connect\_error . '<br>';

        die();

    }

//debug code    echo $sname.' database connection successfull! </br>';

    return $con;

    }

/\* ---------------- executeSelectQuery function ---------------------- \*/

function executeSelectQuery($con,$sql)

    {

    $result = mysqli\_query($con,$sql); // get query object

    return $result;

    }

/\* ----------------------------Main ------------------------------------- \*/

$sname = 'university';                  // Temp hardcode the schema name

$con=myConnect($sname);                 // Call the connect function and assign to $con

$sql = "SELECT \* FROM tblenrollment";       // Set the $sql variable for the enrollment table

$result = executeSelectQuery($con, $sql);   // Create the enrollment object

while($row = mysqli\_fetch\_assoc($result)){    // While there is a row ...

    $cid = $row['p\_cid'];                             // get the course ID

 //   echo $cid . '</br>';

    $sql = "SELECT \* FROM tblcatalog WHERE p\_cid = $cid";   // create a second object corresponding to the key

    $result2 = executeSelectQuery($con, $sql);

    $row2 = mysqli\_fetch\_assoc($result2);           // create the row array

    echo 'Course ID:   ' . $row2['p\_cid'] . '</br>';        // orint out the enrollment data

    echo 'Course Name: ' . $row2['p\_cname'] . '</br>';

    echo 'Semester:    ' . $row2['p\_csemester'] . '</br>';

    };

//$classdetail = $row['p\_cid']

/\* Housekeeping \*/

mysqli\_free\_result($result);

//echo 'memory freed </br>';

mysqli\_close($con);

//echo 'connection closed </br> goodbye';

?>

</body>

</html>

**viewmine.php**

<?php

// You won't get here unless there is a session with a valid student user ..

session\_start();

$user = $\_SESSION["currentUser"];

?>

<!DOCTYPE html>

<html>

<head>

    <title> View Courses </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<a href="index.php?status=true">Home</a>

<h1> My Current Courses</h1>

<?php

/\* ------------------ function to connect to schema ---------------- \*/

function myConnect($sname) {

    $host = 'localhost'; //host name

    $sqluser = 'billmaggs'; //sql user name

    $passwd = 'passme'; //sql password

    $schema = $sname;

    $con = new mysqli($host, $sqluser, $passwd, $schema); //oop connection

    /\* Did connection succeed? \*/

    if (!is\_null($con->connect\_error))

    {

        echo 'connection failed<br>';

        echo 'error number: ' . $con->connect\_errno . '<br>';

        echo 'error message: ' . $con->connect\_error . '<br>';

        die();

    }

//debug code    echo $sname.' database connection successfull! </br>';

    return $con;

    }

/\* ---------------- executeSelectQuery function ---------------------- \*/

function executeSelectQuery($con,$sql)

    {

    $result = mysqli\_query($con,$sql); // get query object

    return $result;

    }

/\* ----------------------------Main ------------------------------------- \*/

$sname = 'university';                  // Temp hardcode the schema name

$con=myConnect($sname);                 // Call the connect function and assign to $con

$sql = "SELECT \* FROM tblenrollment WHERE p\_id = $user";        // Set the $sql variable for the table

$result = executeSelectQuery($con, $sql);       // Call the executeSelectQuery function

while($row = mysqli\_fetch\_assoc($result)){

    $cid = $row['p\_cid'];

 //   echo $cid . '</br>';

    $sql = "SELECT \* FROM tblcatalog WHERE p\_cid = $cid";

    $result2 = executeSelectQuery($con, $sql);

    $row2 = mysqli\_fetch\_assoc($result2);

    echo 'Course ID:   ' . $row2['p\_cid'] . '</br>';

    echo 'Course Name: ' . $row2['p\_cname'] . '</br>';

    echo 'Semester:    ' . $row2['p\_csemester'] . '</br>';

    };

//$classdetail = $row['p\_cid']

/\* Housekeeping \*/

mysqli\_free\_result($result);

//echo 'memory freed </br>';

mysqli\_close($con);

//echo 'connection closed </br> goodbye';

?>

</body>

</html>

**waitlist.php**

<?php

// You won't get here unless there is a session with a valid user ..

session\_start();

$user = $\_SESSION["currentUser"];

?>

<!DOCTYPE html>

<html>

<head>

    <title> Waitlist </title>

    <style>

            body {background-color: powderblue;}

    </style>

    <meta name="author" content="Bill Maggs">

</head>

<body>

<a href="enrollment.php">Course Selection</a> |

<a href="addcourse.php">Add Course</a> |

<a href="dropcourse.php">Drop Course</a> |

<!-- <a href="waitlist.php">Waitlist</a> | -->

<a href="catalog.php"> View Catalog</a> |

<?php

/\* ------------------ function to connect to schema ---------------- \*/

function myConnect($sname) {

    $host = 'localhost'; //host name

    $sqluser = 'billmaggs'; //sql user name

    $passwd = 'passme'; //sql password

    $schema = $sname;

    $con = new mysqli($host, $sqluser, $passwd, $schema); //oop connection

    /\* Did connection succeed? \*/

    if (!is\_null($con->connect\_error))

    {

        echo 'connection failed<br>';

        echo 'error number: ' . $con->connect\_errno . '<br>';

        echo 'error message: ' . $con->connect\_error . '<br>';

        die();

    }

//debug code    echo $sname.' database connection successfull! </br>';

    return $con;

    }

/\* ---------------- executeSelectQuery function ---------------------- \*/

function executeSelectQuery($con,$sql)

    {

    $result = mysqli\_query($con,$sql);

    return $result;

    }

/\* --------------- display table function ----------------------- \*/

function displayTable ($result)

{

?>

<!-- setup the table border and header first -->

<table border="1px" style="width:900px; line-height:40px;">

    <thead>

        <tr>

            <th>Course ID</th>

            <th>Course Name</th>

            <th>Semester</th>

            <th>Capacity</th>

            <th>Current</th>

        </tr>

    </thead>

<!-- now fill in the data into the body -->

    <tbody>

        <?php

            while($row = mysqli\_fetch\_assoc($result)){?>

            <tr>

                <td><?php echo $row['p\_cid']; ?></td>

                <td><?php echo $row['p\_cname']; ?></td>

                <td><?php echo $row['p\_csemester']; ?></td>

                <td><?php echo $row['p\_cseats']; ?></td>

                <td><?php echo $row['p\_cfilled']; ?></td>

            <tr>

        <?php

        }

        ?>

    </tbody>

</table>

<?php

}

/\* ----------------------------Main ------------------------------------- \*/

$sname = 'university';                  // Temp hardcode the schema name

$con=myConnect($sname);                 // Call the connect function and assign to $con

$sql = "SELECT \* FROM tblcatalog";      // Set the $sql variable for the table

$result = executeSelectQuery($con, $sql);       // Call the executeSelectQuery function

displayTable($result);                          // Display the table

?>

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

  <p>Course ID to waitlist: <input type="text" name="courseid"></p>

  <input type="submit">

  <input type="reset">

</form>

<?php

/\* Housekeeping \*/

mysqli\_free\_result($result);

//echo 'memory freed </br>';

mysqli\_close($con);

//echo 'connection closed </br> goodbye';

?>

</body>

</html>