

## Third PHP Lab

The aim of this lab exercise is to capture details on a form and write those details to the database table, users, created in the First PHP Lab. The exercise is a mock user registration process to set a username and password for a web site.

### Exercise 1 – Establish Database Connection

1. Download the zip file included with this lab from moode and unzip it to a new folder in the web root of your web server (e.g. c:\xampp\htdocs\php\_lab3).
2. Open mysqli\_connect.php in a text editor and modify the values to match those of your database, database username, database password and host. If you completed lab 1 and do not have a password set for your database and it is running on localhost then you won't to make any modifications to this file.
3. Save changes to mysqli\_connect.php, if any were made.
4. Start your web server and database if they are not already running.
5. Open view\_users.php from your web server on a browser. For example, type the following url:

[http://localhost/php\\_lab3/view\\_users.php](http://localhost/php_lab3/view_users.php)

6. Please confirm that the screen shows the first names and surnames added to the users table in lab 1.
7. Open view\_users.php in a browser. Please take note of the following lines:

```
include ('includes/header.html');  
require ('mysqli_connect.php');  
include ('includes/footer.html');
```

Also, note the mysqli functions in this script. Understand this script before moving onto the next exercise.

## Exercise 2 – Register Users

1. In the file includes/header.html, note the following html:

```
<li><a href="register.php">Register</a></li>
```

The file register.php is included as part of the zip file you downloaded for this lab.

2. Open register.php in a text editor.
3. You will need to follow the comments in this file to complete the exercise. The comments include some hints. The aim is to add logic to this php script to validate user inputs on the form, and insert these details to a table on the database.
4. When the changes are complete, save the changes, and open register.php from your web server on a browser. For example, type the following url:

[http://localhost/php\\_lab3/register.php](http://localhost/php_lab3/register.php)

5. Enter details on the screen and select the register button.
6. You can confirm if user was added to the database users table by opening view\_users.php from your web server on a browser. For example, type the following url:

[http://localhost/php\\_lab3/view\\_users.php](http://localhost/php_lab3/view_users.php)

7. Please confirm the screen shows the details of the user entered in step 5.