TASK 8 BACKEND

LOGIN.PHP

<?php

/\*\*

\* login.php

\*

\* Layout for user login

\*

\* @author Triantafyllidis Antonios

\* @copyright 2017 Triantafyllidis Antonios

\*/

require\_once 'db\_config.php';

$title = 'Log in';

//check if there is a logged in user

if($user->is\_loggedin())

{

//if there is ask them if they want to log out instead

$content = '

<h2 >Login</h2>

<p>You are already logged in! Wanna log out?</p>

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

}else{

//if there is no user logged in, normally show them the login form

$content =

'

<h2 >Login</h2>

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

<label>Username:</label> <input type="text" name="username" />

<label>Password:</label> <input type="password" name="password" />

<input type="submit" name="submit" value="Login">

</form>

<p class="loginP">Not having an account? <a href="register.php">Register</a></p>

';

}

//if they submit the form

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

{

//try to create a new session and log the user in

//if it is successful redirect them to the index page after creating the session

if($user->login($\_POST['username'],$\_POST['password']))

{

$user->redirect('index.php');

}

//else post a failure message and do not create the session

else

{

$content =

'

<h2 >Login</h2>

<p>Wrong Credentials! Try again</p>

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

<label>Username:</label> <input type="text" name="username" />

<label>Password:</label> <input type="password" name="password" />

<input type="submit" name="submit" value="Login">

</form>

<p class="loginP">Not having an account? <a href="register.php">Register</a></p>

';

}

}

require 'layout.php';

?>

REGISTER.PHP

<?php

/\*\*

\* register.php

\*

\* Layout for user registration

\*

\* @author Triantafyllidis Antonios

\* @copyright 2017 Triantafyllidis Antonios

\*/

require 'db\_config.php';

$title = 'Register';

$error = '';

if (!$user->is\_loggedin()) {

//if the user submits the form

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

//loop through all the values inserted

foreach ($\_POST as $key => $value) {

if (empty($\_POST[$key])) {

//check them ALL and none of them must be empty.

//if any of them pass the error text into the error array

$error .='<li>' . ucfirst($key). ' is required.</li>';

}

}

//preg\_match pattern is set to accept a String that starts with any letter of the alphabet, continue with any letters or numbers, be longer than 1 character long and shorter than 20.

if (!preg\_match("/^[A-Za-z][A-Za-z0-9]{1,19}$/",$\_POST['username'])) {

$error .= '<li> Name must start with a letter and contain only letters and numbers. Minimum 2 character and maximum 20</li>';

}

//confirm password field must match the password in the password field

if ($\_POST['password'] !== $\_POST['confirmPassword']) {

$error .= '<li> Password is not the same in both fields!</li>';

}

//password must be smaller than 16 characters and biger than 6

if ((strlen($\_POST['password']) < 6) || (strlen($\_POST['password']) > 16)) {

$error .= '<li> Passwords can be 6 characters at the minimum and 16 at the maximum.</li>';

}

//email must be a valid email format

if (!filter\_var($\_POST['email'], FILTER\_VALIDATE\_EMAIL)) {

$error .= '<li> Invalid Email Format</li>';

}

//user name must be unique

if ($user->hasSameName($\_POST['username'])) {

$error .= '<li> Please use a different name as this already exists!</li>';

}

//email must be unique

if ($user->hasSameEmail($\_POST['email'])) {

$error .= '<li> Please use a different email address as this already exists!</li>';

}

//making sure that the checkbox will return "off" value to the database when it is null and not throw an exception

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

$\_POST['newsletter'] = 'off';

}

//if there was a single error do not amend the database, and post the errors that are contained in the array

if ($error != '') {

$content = '

<h2 >Register</h2>

<ul #id="errorList">'.$error.'</ul>

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

<label>\*Username:</label> <input type="text" name="username" />

<label>\*Password:</label> <input type="password" name="password" />

<label>\*Confirm Password:</label> <input type="password" name="confirmPassword" />

<label>\*Email:</label> <input type="text" name="email" />

<label>I would like to be informed when a new article is posted</label> <input type="checkbox" name="newsletter"/>

<input type="submit" name="submit" value="Register">

</form>';

}else{

//no errors, so ammend the database by inserting the new user

$user->register($\_POST['username'],$\_POST['password'],$\_POST['email'],$\_POST['newsletter']);

$content = '<p>You have succesfully registered! Now you can <a href="login.php">login</a>!</p>';

}

}else{

//when the user visits the page, show him the register form

$content = '

<h2 >Register</h2>

<p>All mandatory fields are indicated with \*</p>

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

<label>\*Username:</label> <input type="text" name="username" />

<label>\*Password:</label> <input type="password" name="password" />

<label>\*Confirm Password:</label> <input type="password" name="confirmPassword" />

<label>\*Email:</label> <input type="text" name="email" />

<label>I would like to be informed when a new article is posted</label> <input type="checkbox" name="newsletter"/>

<input type="submit" name="submit" value="Register">

</form>

';}

}else {

$content = '<h1>You are already logged in!</h1>';

}

//finally require the layout file

require 'layout.php';

?>

LOGOUT.PHP

<?php

/\*\*

\* logout.php

\*

\* Layout for user logout

\*

\* @author Triantafyllidis Antonios

\* @copyright 2017 Triantafyllidis Antonios

\*/

require\_once 'db\_config.php';

$title = 'Log Out';

//destroy and unset the user's session

$user->logout();

$content = '

<h2 >Logout</h2>

<p> You are now logged out</p>

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

<a href="index.php">Back to home</a>

';

require 'layout.php';

?>