Laborator 7

Problema:Sa se creeze un script de autentificare la un site.

Scenariu:

Pas1.Sa se adauge la baza de date student tabela user astfel

```
CREATE TABLE users
(
uid INT PRIMARY KEY AUTO_INCREMENT,
uname VARCHAR(30) UNIQUE,
upass VARCHAR(50),
fullname VARCHAR(100),
uemail VARCHAR(70) UNIQUE
);
```

Pas2.Creare pagina Conection.php

```
define('DB_SERVER', 'localhost');
define('DB_USERNAME', 'root');
define('DB_PASSWORD', '');
define('DB_DATABASE', 'curs');
```

Pas3. Creare pagina class.user.php

```
include " Conection.php ";

        class User{

                public $db;

                public function __construct(){
                        $this->db = new mysqli(DB_SERVER, DB_USERNAME,
DB_PASSWORD, DB_DATABASE);

                        if(mysqli_connect_errno()) {
                                echo "Error: Nu se poate conecta la bd.";
                                exit;
                        }
                }

                /*** inregistrare ***/
                public function reg_user($name,$username,$password,$email){

                        $password = md5($password);
                        $sql="SELECT * FROM users WHERE uname='$username' OR
uemail='$email'";

                        //verific dacae username or email sunt in bd
                        $check =  $this->db->query($sql) ;
                        $count_row = $check->num_rows;
```

```php
                            //daca username nu este in tabel
                            if ($count_row == 0){
                                    $sql1="INSERT INTO users SET
uname='$username', upass='$password', fullname='$name', uemail='$email'";
                                    $result = mysqli_query($this->db,$sql1) or
die(mysqli_connect_errno()."Nu pot insera");
                            return $result;
                            }
                            else { return false;}
                }

                /*** Login ***/
                public function check_login($emailusername, $password){

                $password = md5($password);
                        $sql2="SELECT uid from users WHERE
uemail='$emailusername' or uname='$emailusername' and upass='$password'";

                        //verific daca username exista
                $result = mysqli_query($this->db,$sql2);
                $user_data = mysqli_fetch_array($result);
                $count_row = $result->num_rows;

                if ($count_row == 1) {
                    // folosesc sesiune
                    $_SESSION['login'] = true;
                    $_SESSION['uid'] = $user_data['uid'];
                    return true;
                }
                else{
                            return false;
                        }
        }

        /*** afisare username sau fulname ***/
        public function get_fullname($uid){
                $sql3="SELECT fullname FROM users WHERE uid = $uid";
                $result = mysqli_query($this->db,$sql3);
                $user_data = mysqli_fetch_array($result);
                echo $user_data['fullname'];
        }

        /*** start session ***/
            public function get_session(){
                return $_SESSION['login'];
            }

            public function user_logout() {
                $_SESSION['login'] = FALSE;
                session_destroy();
            }

        }
```

Pas4. Creare login.php

```php
session_start();
        include_once 'include/class.user.php';
        $user = new User();

        if (isset($_REQUEST['submit'])) {
                extract($_REQUEST);
            $login = $user->check_login($emailusername, $password);
            if ($login) {
                // Inregistrare cu succes
              header("location:home.php");
            } else {
                // Inregistrare cu esec
                echo 'username sau password gresit!';
            }
        }

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
OOP Login Modul
<style><!--
            #container{width:500px; margin: 0 auto;}

--></style>

<script type="text/javascript" language="javascript">

            function submitlogin() {
                var form = document.login;
                            if(form.emailusername.value == ""){
                                    alert( "Introdu email sau username."
);
                                    return false;
                            }
                            else if(form.password.value == ""){
                                    alert( "Introdu  password." );
                                    return false;
                            }
                    }

</script>

<span style="font-family: 'Courier 12, Courier, monospace; font-size: 12px;
font-style: normal; line-height: 1;"><div id="container"></span>
<h1>Login Here</h1>
<form action="" method="post" name="login">
<table>
<tbody>
<tr>
<th>UserName sau Email:</th>
<td><input type="text" name="emailusername" required="" /></td>
</tr>
<tr>
<th>Password:</th>
<td><input type="password" name="password" required="" /></td>
</tr>
```

```
<tr>
<td></td>
<td><input onclick="return(submitlogin());" type="submit" name="submit"
value="Login" /></td>
</tr>
<tr>
<td></td>
<td><a href="registration.php">Nou user</a></td>
</tr>
</tbody>
</table>
</form></div>
```

Pas5. Creare pagina registration.php

```
include_once 'include/class.user.php';
$user = new User();
// Verific daca user este login sau nu

 if (isset($_REQUEST['submit'])){
 extract($_REQUEST);
 $register = $user->reg_user($fullname, $uname,$upass, $uemail);
 if ($register) {
 // Inregistrare Success
 echo 'Registration successful <a href="login.php">Click here</a> pt login';
 } else {
 // Inregistrare esec
 echo 'Inregistrare esec. Email sau Username exita;
 }
 }
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />

Register
<style><!--
 #container{width:400px; margin: 0 auto;}
--></style>

<script type="text/javascript" language="javascript">
 function submitreg() {
 var form = document.reg;
 if(form.name.value == ""){
 alert( " Introdu name." );
 return false;
 }
 else if(form.uname.value == ""){
 alert( " Introdu username." );
 return false;
 }
 else if(form.upass.value == ""){
 alert( " Introdu password." );
 return false;
 }
 else if(form.uemail.value == ""){
```

```
 alert( "Introdu email." );
 return false;
 }
 }
</script>
<div id="container">
<h1>Inregistrare nou utilizator</h1>
<form action="" method="post" name="reg">
<table>
<tbody>
<tr>
<th>Nume complet:</th>
<td><input type="text" name="fullname" required="" /></td>
</tr>
<tr>
<th>Nume utilizator:</th>
<td><input type="text" name="uname" required="" /></td>
</tr>
<tr>
<th>Email:</th>
<td><input type="text" name="uemail" required="" /></td>
</tr>
<tr>
<th>Password:</th>
<td><input type="password" name="upass" required="" /></td>
</tr>
<tr>
<td></td>
<td><input onclick="return(submitreg());" type="submit" name="submit"
value="Register" /></td>
</tr>
<tr>
<td></td>
<td><a href="login.php">Deja inregistrat! Click Here!</a></td>
</tr>
</tbody>
</table>
</form></div>
```

Pas6. Creare pagina home.php

```
session_start();
include_once 'include/class.user.php';
$user = new User();
$uid = $_SESSION['uid'];
if (!$user->get_session()){
 header("location:login.php");
}

if (isset($_GET['q'])){
 $user->user_logout();
 header("location:login.php");
```

```
 }
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
Home
<style><!--
 body{
 font-family:Arial, Helvetica, sans-serif;
 }
 h1{
 font-family:'Georgia', Times New Roman, Times, serif;
 }
--></style>
<div id="container">
<div id="header"><a href="home.php?q=logout">LOGOUT</a></div>
<div id="main-body">
<h1>Salut <?php $user->get_fullname($uid); ?></h1>
</div>
<div id="footer"></div>
</div>
```

Problema Să se includa codul CRUD in codul de autentificare.