**UNIVERSITETI I TIRANËS**

**FAKULTETI I EKONOMISЁ**

**DEPARTAMENTI “STATISTIKË DHE INFORMATIKË E ZBATUAR” LËNDA “PROGRAMIM I AVANCUAR NË WEB”**

**PAW**

**Detyra 2**

Master Shkencor Sisteme Informacioni në Ekonomi

**Punoi: Helena Ziko Pranoi: Dr.Albana Gorishti**

**Prof. Raisa Uku**

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Jepet databaza **librat.db** e cila permban tabelat si ne vijim:

*libri (libri\_id, titulli, ISBN, cmimi, shBotuese\_id)*

*shtepiaBotuese (shBotuese\_id, emri, adresa, vitiKrijimit)*

Te ndertohet kjo database, si edhe aplikacioni web qe ben te mundur sa me poshte vijon:

* Nepermjet nje forme te jepet mundesia e shtimit te librave te rinj dhe e shtepive botuese te reja.
* Te jepet mundesia e afishimit te te gjithe librave qe i perkasin nje shtepie botuese te caktuar (Perdoruesi zgjedh Shtepine Botuese dhe i afishohen librat perkates)
* Te perdoren **Cookies** per te ruajtur emrin e perdoruesit. Kur perdoruesi hyn per here te pare ne site t`i shfaqet nje fushe per te plotesar emrin, ndersa kur perdoruesi e rihap faqen perkatese t`i shfaqet mesazhi “***Emri\_perdoruesit*** miresevini ne aplikacionin tone”, duke shmangur ne kete menyre nevojen e riplotesimit të fushes se emrit.

**Zgjidhje**

**Database.php**

*<!--Connect to Database-->*  
  
<?php # Script - mysql\_connect.php  
  
  
**$db\_host** **=** 'localhost'**;**  
  
**$db\_name** **=** 'librat'**;**  
  
**$db\_user** **=** 'root'**;**  
  
**$db\_pass** **=** ''**;**  
  
//Connect to mysql database  
  
**if(!$con** **=** mysql\_connect**($db\_host,** **$db\_user,** **$db\_pass))**  
  
die**(** "Could not connect to database" **.**mysql\_error**().** "</body></html>" **);**  
  
//Open librat database  
  
**if** **(** **!**mysql\_select\_db**(** **$db\_name,** **$con** **)** **)**  
  
die**(** "Could not open librat database" **.**mysql\_error**().**  
  
"</body></html>"**);**   
  
?>

**Register.php**

<?php   
**$page\_title** **=** 'Register'**;**  
  
include **(**'header.php'**);**  
  
// Check for form submission:  
  
**if** **($\_SERVER[**'REQUEST\_METHOD'**]** **==** 'POST'**)** **{**  
  
require **(**'database.php'**);** // Connect to the db.  
  
**$errors** **=** **array();** // Initialize an error array.  
  
  
  
// Check for titulli:  
  
**if** **(**empty**($\_POST[**'titulli'**]))** **{**  
  
**$errors[]** **=** 'You forgot to enter titulli.'**;**  
  
**}** **else** **{**  
  
**$t** **=** mysql\_real\_escape\_string**(**trim**($\_POST[**'titulli'**]));**  
  
**}**  
  
// Check for ISBN:  
  
**if** **(**empty**($\_POST[**'ISBN'**]))** **{**  
  
**$errors[]** **=** 'You forgot to enter ISBN.'**;**  
  
**}** **else** **{**  
  
**$is** **=** mysql\_real\_escape\_string**(**trim**($\_POST[**'ISBN'**]));**  
  
**}**  
// Check for cmimi:  
  
**if** **(**empty**($\_POST[**'cmimi'**]))** **{**  
  
**$errors[]** **=** 'You forgot to enter cmimi.'**;**  
  
**}** **else** **{**  
  
**$cm** **=** mysql\_real\_escape\_string**(**trim**($\_POST[**'cmimi'**]));**  
  
**}**  
// Check for shBotuese  
  
**if** **(**empty**($\_POST[**'shB\_emri'**]))** **{**  
  
**$errors[]** **=** 'You forgot to enter shBotuese'**;**  
  
**}** **else** **{**  
  
**$esh** **=** mysql\_real\_escape\_string**(**trim**($\_POST[**'shB\_emri'**]));**  
**$result** **=** "SELECT shBotuese\_id FROM shtepiaBotuese WHERE emri = '$esh'"**;**  
**$r** **=** mysql\_query **($result,$con);** // Run query.  
 **if(**mysql\_num\_rows**($r)** **==** 0**)** **{**  
   
 echo '<p>Regjistro shtepine botuese.</p>'**;**  
 **}**  
 **else** **{**  
 **$re** **=** mysql\_fetch\_assoc**($r);**  
 **$id** **=** **$re[**"shBotuese\_id"**];**  
 **}**  
   
  
**}**  
  
  
  
**if** **(**empty**($errors))** **{** // If everything's OK.  
  
// Register librin in the database...  
  
// Make the query:  
  
**$q** **=** "INSERT INTO libri ( titulli, ISBN, cmimi,  
  
shBotuese\_id) VALUES ( '$t', '$cm', '$is', '$id')"**;**  
  
**$s** **=** mysql\_query **($q,$con);** // Run the query.  
  
**if** **($s)** **{** // If it ran OK.  
  
// Print a message:  
  
echo '<h1>Thank you!</h1>  
  
<p>The Book is registered.</p><p><br /></p>'**;**  
  
**}** **else** **{** // If it did not run OK.  
  
// Public message:  
  
echo '<h1>System Error</h1>  
  
<p class="error">The Book is not registered.</p>'**;**  
  
// Debugging message:  
  
echo '<p>' **.** mysql\_error**($con)** **.** '<br /><br />Query: ' **.** **$q**  
  
**.** '</p>'**;**  
  
**}** // End of if ($s) IF.  
  
mysql\_close**($con);** // Close the database connection.  
  
  
  
exit**();**  
  
**}** **else** **{** // Report the errors.  
  
echo '<h1>Error!</h1>  
  
<p class="error">The following error(s) occurred:<br />'**;**  
  
**foreach** **($errors** as **$msg)** **{** // Print each error.  
  
echo " - $msg<br />\n"**;**  
  
**}**  
  
echo '</p><p>Please try again.</p><p><br /></p>'**;**  
  
**}**   
  
mysql\_close**($con);** // Close the database connection.  
  
  
  
  
  
// Check for emri:  
  
**if** **(**empty**($\_POST[**'emri'**]))** **{**  
  
**$errors[]** **=** 'You forgot to enter emri.'**;**  
  
**}** **else** **{**  
  
**$esh** **=** mysql\_real\_escape\_string**(**trim**($\_POST[**'emri'**]));**  
  
**}**  
  
// Check for adresa:  
  
**if** **(**empty**($\_POST[**'adresa'**]))** **{**  
  
**$errors[]** **=** 'You forgot to enter adresa.'**;**  
  
**}** **else** **{**  
  
**$add** **=** mysql\_real\_escape\_string**(**trim**($\_POST[**'adresa'**]));**  
  
**}**  
// Check for vitiKrijimit:  
  
**if** **(**empty**($\_POST[**'vitiKrijimit'**]))** **{**  
  
**$errors[]** **=** 'You forgot to enter vitiKrijimit.'**;**  
  
**}** **else** **{**  
  
**$v** **=** mysql\_real\_escape\_string**(**trim**($\_POST[**'vitiKrijimiti'**]));**  
  
**}**  
  
  
  
**if** **(**empty**($errors))** **{** // If everything's OK.  
  
// Register the user in the database...  
  
// Make the query:  
  
**$q1** **=** "INSERT INTO shtepiaBotuese (emri, adresa, vitiKrijimit)   
VALUES ('$esh', '$add', '$v')"**;**  
  
**$r** **=** mysql\_query **($q1,$con);** // Run the query.  
  
**if** **($r)** **{** // If it ran OK.  
  
// Print a message:  
  
echo '<h1>Thank you!</h1>  
  
<p>Shtepia botuese is registered.</p><p><br /></p>'**;**  
  
**}** **else** **{** // If it did not run OK.  
  
// Public message:  
  
echo '<h1>System Error</h1>  
  
<p class="error">Shtepia botuese is not registered.</p>'**;**  
  
// Debugging message:  
  
echo '<p>' **.** mysql\_error**($con)** **.** '<br /><br />Query: ' **.** **$q1**  
  
**.** '</p>'**;**  
  
**}** // End of if ($r) IF.  
  
mysql\_close**($con);** // Close the database connection.  
  
  
  
exit**();**  
  
**}** **else** **{** // Report the errors.  
  
echo '<h1>Error!</h1>  
  
<p class="error">The following error(s) occurred:<br />'**;**  
  
**foreach** **($errors** as **$msg)** **{** // Print each error.  
  
echo " - $msg<br />\n"**;**  
  
**}**  
  
echo '</p><p>Please try again.</p><p><br /></p>'**;**  
  
**}**   
  
mysql\_close**($con);** // Close the database connection.  
**}**  
  
  
  
?>  
  
<h1>Regjistro librin</h1>  
  
<form action="register.php" method="post">  
  
<p>Titulli: <input type="text" name="titulli" size="15"  
  
maxlength="20" value="<?php if (isset($\_POST['titulli'])) echo  
  
$\_POST['titulli']; ?>" /></p>  
  
<p>ISBN: <input type="text" name="ISBN" size="15"  
  
maxlength="40" value="<?php if (isset($\_POST['ISBN'])) echo  
  
$\_POST['ISBN']; ?>" /></p>  
  
<p>Cmimi: <input type="text" name="cmimi" size="20"  
  
maxlength="60" value="<?php if (isset($\_POST['cmimi'])) echo $\_POST['cmimi'];  
  
?>" /> </p>  
  
<p>Shtepia Botuese: <input type="text" name="shB\_emri" size="10"  
  
maxlength="20" value="<?php if (isset($\_POST['shB\_emri'])) echo $\_POST['shB\_emri'];  
  
?>" /></p>  
  
  
<p><input type="submit" name="submit" value="Regjistro" /></p>  
  
</form>  
  
<h1>Regjistro Shtepine Botuese</h1>  
  
<form action="register.php" method="post">  
  
<p>Emri i shtepise botuese: <input type="text" name="emri" size="15"  
  
maxlength="20" value="<?php if (isset($\_POST['emri'])) echo  
  
$\_POST['emri']; ?>" /></p>  
  
<p>Adresa: <input type="text" name="adresa" size="15"  
  
maxlength="40" value="<?php if (isset($\_POST['adresa'])) echo  
  
$\_POST['adresa']; ?>" /></p>  
  
<p>Viti i Krijimit: <input type="text" name="vitiKrijimit" size="20"  
  
maxlength="60" value="<?php if (isset($\_POST['vitiKrijimit'])) echo $\_POST['vitiKrijimit'];  
  
?>" /> </p>  
  
  
  
  
<p><input type="submit" name="submit" value="Regjistro" /></p>  
  
</form>  
  
**regj\_perdorues.php**

<?php   
  
**$page\_title** **=** 'regj\_perdorues'**;**  
  
include **(**'header.php'**);**  
  
**if** **(**isset**($\_COOKIE[**'emriperdorues'**]))** **{**  
  
// Printo   
  
**$emri** **=** **$\_COOKIE[**'emriperdoruesi'**];**  
  
echo "<h1>Perdorues i regjistruar!</h1>"**;**  
  
echo "$emri miresevini ne aplikacionin tone!"**;**  
  
**}**  
  
**else** **{**  
   
 header **(**"Location: index.php"**);**  
  
**}**  
  
  
  
  
?>

**Header.php**

<html xmlns="http://www.w3.org/1999/xhtml">  
  
<head>  
  
<title><?php echo **$page\_title;** ?></title>  
  
<link rel="stylesheet" href="style.css" type="text/css" media="screen" />  
  
<meta http-equiv="content-type" content="text/html; charset=utf-8" />  
  
</head>  
  
<body>  
  
<div id="header">  
  
<h1>Biblioteka e librave</h1>  
  
  
</div>  
  
<div id="navigation">  
  
<ul>  
  
<li><a href="index.php">Home</a></li>  
  
<li><a href="afisho.php">Titujt e librave</a></li>  
  
<li><a href="register.php">Regjistro shtepinë botuese dhe librat</a></li>  
  
  
</ul>  
  
</div>  
  
</body>  
</html>

**Index.php**

<?php   
  
  
**$page\_title** **=** 'index'**;**  
  
include **(**'header.php'**);**  
  
// Check for form submission:  
  
**if** **($\_SERVER[**'REQUEST\_METHOD'**]** **==** 'POST'**)** **{**  
  
require **(**'database.php'**);** // Connect to the db.  
  
**$errors** **=** **array();** // Initialize an error array.  
  
// Check for emrin:  
  
**if** **(**empty**($\_POST[**'emri\_p'**]))** **{**  
  
**$errors[]** **=** 'You forgot to enter emrin.'**;**  
  
**}** **else** **{**  
  
**$ep** **=** mysql\_real\_escape\_string**((**trim**($\_POST[**'emri\_p'**])));**  
  
**}**  
  
  
**if** **(**empty**($errors))** **{**   
  
// Register perdoruesin in the database  
  
//query:  
  
**$q** **=** "INSERT INTO perdoruesi (emri) VALUES ('$ep')"**;**  
  
**$re=**mysql\_query**(**"SELECT emri FROM perdoruesi WHERE emri='$ep'"**);**  
  
**$r** **=** mysql\_query**($re,** **$con);** // Run query.  
  
**if** **($r)** **{**   
  
// Print a message:  
  
**$result** **=** mysql\_fetch\_assoc**($r);**  
  
**$c** **=** **$result[**"emri"**];**  
  
setcookie **(**'emriperdoruesi' **,** **$c** **,** time**()+** 60**\***60**\***24**\***20**,** '/'**,** ''**);**  
  
header **(**"Location: regj\_perdorues.php"**);**  
  
  
**}** **else** **{**   
  
// Public message:  
  
echo '<h1>System Error</h1>  
  
<p class="error">Te dhenat tuaja nuk mund te regjistrohen.</p>'**;**  
  
// Debugging message:  
  
echo '<p>' **.** mysql\_error**($con)** **.** '<br /><br />Query: ' **.** **$q**  
  
**.** '</p>'**;**  
  
**}**   
  
mysql\_close**($con);** // Close the database connection.  
  
  
exit**();**  
  
**}** **else** **{** // Report the errors.  
  
echo '<h1>Error!</h1>  
  
<p class="error">The following error(s) occurred :<br />'**;**  
  
**foreach** **($errors** as **$msg)** **{** // Print each error.  
  
echo " - $msg<br />\n"**;**  
  
**}**  
  
echo '</p><p>Please try again.</p><p><br /></p>'**;**  
  
**}**   
  
mysql\_close**($con);** // Close the database connection.  
  
**}**   
?>  
  
<h1>Regjistrohuni</h1>  
  
<form action="index.php" method="post">  
  
<p>Emri: <input type="text" name="emri1" size="15"  
  
maxlength="20" value="<?php if (isset($\_POST['emri\_p'])) echo  
  
$\_POST['emri\_p']; ?>" /></p>  
  
  
<p><input type="submit" name="submit" value="Regjistro" /></p>  
  
</form>  
  
**afisho.php**

<?php  
 **$databaseHost** **=** "localhost"**;**   
 **$databaseUser** **=** "root"**;**  
 **$databasePassword** **=** ""**;**  
 **$databaseName** **=** "librat"**;**  
   
 **$con=**mysql\_connect**($databaseHost** **,$databaseUser** **,$databasePassword** **)or** die **(**'Connection Error'**);**  
 mysql\_select\_db**(**"librat"**,$con)** **or** die **(**'Database Error'**);**  
 include **(**'header.php'**);**  
 ?>  
 <html>  
 <body>  
 <form name="dropdown" method="post" action="afisho.php">  
 <center>  
 <h2 align="center">Tituj e librave</h2>  
 <strong> Zgjidh shtepine botuese : </strong>   
<select name="shbemri">   
 <option value=""> All </option>   
 <?php  
 **$shb\_res=**mysql\_query**(**"Select DISTINCT emri from shtepiabotuese"**);**  
 **while($row=**mysql\_fetch\_array**($shb\_res))**  
 **{**   
 echo "<option value=' " **.$row[**'emri'**].**" '>" **.** **$row[**'emri'**]** **.** "</option>"**;**  
 **}**  
 ?>  
</select>  
  
 <input type="submit" name="Find" value="Find"/>   
 <br><br>  
  
<span style="font-family: Georgia, 'Times New Roman', 'Bitstream Charter', Times, serif;font-size: small"> </span>  
<table border="1">  
 <tr align="center">  
 <th>Titulli </th>   
 </tr>   
<?php  
 **if($\_SERVER[**'REQUEST\_METHOD'**]** **==** "POST"**)**  
 **{**  
 **$esh** **=** mysql\_real\_escape\_string**((**trim**($\_POST[**'shbemri'**])));**   
 **if($esh==**""**)**  
 **{**   
 **$res=**mysql\_query**(**"SELECT titulli FROM libri"**);** // if ALL is selected in dropdown  
 **}**  
 **else**  
 **{**   
 **$r** **=** "SELECT shBotuese\_id FROM shtepiabotuese WHERE emri='"**.$esh.**"'"**;;**  
 **$q** **=** mysql\_query **($r,$con);**  
 **$s=** mysql\_fetch\_assoc**($q);**  
 **$id** **=** **$s[**"shBotuese\_id"**];**  
 **$result** **=** "SELECT titulli, cmimi FROM libri WHERE shBotuese\_id='$id'"**;**  
 **$res=**mysql\_query**($result,** **$con);** // if any designation is selected  
 **}**  
 echo "<tr><td colspan='2'></td></tr>"**;**  
 **while($r1** **=** mysql\_fetch\_array**($res))**  
 **{**  
 echo "<tr>"**;**  
 echo "<td align='center'>" **.$r1[**'titulli'**].** "</td>"**;**  
 echo "</tr>"**;**  
 **}**  
 **}**  
?>  
</table>  
 </center>  
</form>  
</body>  
</html>

**Style.css**

h1{font-family:Georgia,sans-serif;

font-size: 40px;

color:#00008B;

}

nav{font-size: 20px;

}

body {

background-color:#FFEBCD;

}

p{font-size:20px;

font-family:Arial, sans-serif;

color:#000000;

text-align:justify;

}

**Databaza e krijuar**

CREATE TABLE `librat`.`shtepiaBotuese` ( `shBotuese\_id` INT(15) NOT NULL AUTO\_INCREMENT , `emri` VARCHAR(255) NOT NULL , `adresa` VARCHAR(255) NOT NUll , `vitiKrijimit` INT(4) NOT NULL , PRIMARY KEY (`shBotuese\_id`)) ENGINE = InnoDB;

INSERT INTO `shtepiabotuese` (`shBotuese\_id`, `emri`, `adresa`, `vitiKrijimit`) VALUES ('1', 'Dudaj', 'RRuga: Sami Frashëri', '2001');

INSERT INTO `shtepiabotuese` (`shBotuese\_id`, `emri`, `adresa`, `vitiKrijimit`) VALUES ('2', 'Onufri', 'Rruga: S.Pasha', '1992');

INSERT INTO `shtepiabotuese` (`shBotuese\_id`, `emri`, `adresa`, `vitiKrijimit`) VALUES ('3', 'Mësonjëtorja', 'RRUGA: MUHAMET GJOLLESHA', '1995');

CREATE TABLE `librat`.`libri` ( `libri\_id` INT(15) NOT NULL AUTO\_INCREMENT , `titulli` VARCHAR(255) NOT NULL , `ISBN` VARCHAR(25) NOT NULL , `cmimi` INT(5) NOT NULL , `shBotuese\_id` INT(15) NULL DEFAULT NULL , PRIMARY KEY (`libri\_id`), INDEX `shBotuese\_id` (`shBotuese\_id`)) ENGINE = InnoDB;

ALTER TABLE `libri` ADD INDEX(`shBotuese\_id`);

ALTER TABLE `libri` ADD FOREIGN KEY (`shBotuese\_id`) REFERENCES `librat`.`shtepiabotuese`(`shBotuese\_id`) ON DELETE RESTRICT ON UPDATE RESTRICT;

INSERT INTO `libri` (`libri\_id`, `titulli`, `ISBN`, `cmimi`, `shBotuese\_id`) VALUES ('1', 'Si dhe përse të lexojmë', '978-99943-0-048-8', '750', '1');

INSERT INTO `libri` (`libri\_id`, `titulli`, `ISBN`, `cmimi`, `shBotuese\_id`) VALUES ('2', 'Nëntori i një kryeqyteti', '978-9928-186-95-9', '700', '2');

INSERT INTO `libri` (`libri\_id`, `titulli`, `ISBN`, `cmimi`, `shBotuese\_id`) VALUES ('3', 'Kushëriri i engjëjve', '978-9928-164-13-1', '500', '2');

INSERT INTO `libri` (`libri\_id`, `titulli`, `ISBN`, `cmimi`, `shBotuese\_id`) VALUES ('4', 'Katedralja E Parisit', '99927-55-06-7', '600', '3');

INSERT INTO `libri` (`libri\_id`, `titulli`, `ISBN`, `cmimi`, `shBotuese\_id`) VALUES ('5', 'Të mjerët', '978-9928-00-073-6', '1200', '3');

INSERT INTO `libri` (`libri\_id`, `titulli`, `ISBN`, `cmimi`, `shBotuese\_id`) VALUES ('6', 'Cështje të marrëzisë', '978-99927-45-19-3', '500', '2');

INSERT INTO `libri` (`libri\_id`, `titulli`, `ISBN`, `cmimi`, `shBotuese\_id`) VALUES ('7', 'Të parët tanë', '978-99943-0-389-2', '1000', '1');

CREATE TABLE `librat`.`Perdoruesi` ( `emri` VARCHAR(255) NOT NULL ) ENGINE = InnoDB;