**Connection.php**

<?php

echo '<table border="1">' . "\n";

$db = mysqli\_connect('localhost', 'root', '') or die(mysqli\_error());

mysqli\_select\_db($db, "Project") or die(mysqli\_error());

mysqli\_set\_charset($db,"utf8");

?>

**Site.css**

#registration\_page {

background-image: url("background03.jpg");

background-size: contain;

margin: 0px;

padding: 0px;

background-attachment: fixed;

}

#home\_page {

background-image: url("background04.jpg");

background-size: contain;

margin: 0px;

padding: 0px;

background-attachment: fixed;

}

#main {

width: 70%;

margin: auto;

min-height: 90vh;

background: rgba(60%, 50%, 50%, .3);

}

#main02 {

width: 70%;

margin: auto;

min-height: 90vh;

background: rgba(60%, 50%, 50%, .3);

}

#table\_div {

background-color: black;

}

#return\_link {

position: absolute;

background-color: black;

margin-left: 60.5vh;

margin-top: 5vh;

font-weight: bold;

opacity: 0.8;

filter: alpha(opacity=80);

text-decoration: none;

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

font-size: 3vh;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

}

#return\_link:hover {

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

background-color: black;

opacity: 0.5;

filter: alpha(opacity=50);

border-radius: 15%;

}

#return\_link2 {

position: absolute;

background-color: black;

margin-left: 90vh;

margin-top: 5vh;

font-weight: bold;

opacity: 0.8;

filter: alpha(opacity=80);

text-decoration: none;

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

font-size: 3vh;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

}

#return\_link2:hover {

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

background-color: black;

opacity: 0.5;

filter: alpha(opacity=50);

border-radius: 15%;

}

.next\_page\_button {

position: absolute;

background-color: black;

margin-left: 141vh;

margin-top: -0.7vh;

font-weight: bold;

opacity: 0.8;

filter: alpha(opacity=80);

text-decoration: none;

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

font-size: 3vh;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

}

.next\_page\_button:hover {

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

background-color: black;

opacity: 0.5;

filter: alpha(opacity=50);

border-radius: 15%;

}

.previous\_page\_button {

position: absolute;

background-color: black;

margin-left: 59vh;

margin-top: -0.7vh;

font-weight: bold;

opacity: 0.8;

filter: alpha(opacity=80);

text-decoration: none;

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

font-size: 3vh;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

}

.previous\_page\_button:hover {

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

background-color: black;

opacity: 0.5;

filter: alpha(opacity=50);

border-radius: 15%;

}

#header {

position: absolute;

margin-left: 88%;

margin-top: -2%;

}

#header2 {

position: absolute;

margin-left: 86%;

margin-top: -2%;

background: black;

opacity: 0.8;

filter: alpha(opacity=80);

}

#header, #header2 input {

text-decoration: none;

color: black;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

font-size: 3vh;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

}

#header2 input:hover {

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

background-color: black;

opacity: 0.5;

filter: alpha(opacity=50);

border-radius: 15%;

}

#logout\_button {

margin-left: 25%;

}

#my\_reservations\_button {

width: 100%;

}

#header, #header2 p {

font-size: 4vh;

font-weight: bold;

color: white;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

}

#footer {

position: relative;

bottom: 0;

text-align: center;

}

#footer p {

font-size: 2vh;

font-weight: bold;

color: white;

text-align: right;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

margin-top: 10%;

}

#br01 {

margin-right: 3.2%;

}

#br02 {

margin-right: 3%;

}

#br03 {

margin-right: 1.5%;

}

#br01\_no\_div {

margin-right: 3.2%;

}

#br02\_no\_div {

margin-right: 3%;

}

#br03\_no\_div {

margin-right: 2.2%;

}

.print {

font-size: 5vh;

font-weight: bold;

color: white;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

padding-top: 6%;

}

#spacer {

width: 100%;

height: 5vh;

margin-bottom: 30vh;

}

#home\_page\_spacer {

width: 100%;

height: 5vh;

margin-bottom: 45vh;

}

#main h2 {

font-weight: bold;

margin-left: 2vh;

color: white;

font-size: 8vh;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

}

#main02 h2 {

font-weight: bold;

margin-left: 2vh;

color: white;

font-size: 8vh;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

}

#main h3 {

font-weight: bold;

margin-left: 2vh;

color: white;

font-size: 6vh;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

}

#main02 h3 {

font-weight: bold;

margin-left: 2vh;

color: white;

font-size: 6vh;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

}

#main h4 {

font-weight: bold;

margin-left: 2vh;

color: white;

font-size: 4vh;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

}

#main02 h4 {

font-weight: bold;

margin-left: 2vh;

color: white;

font-size: 4vh;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

}

#main span {

position: absolute;

margin-top: -1%;

font-size: 3vh;

font-weight: bold;

margin-left: 48vh;

color: white;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

}

#main02 span {

position: absolute;

margin-top: -1%;

font-size: 3vh;

font-weight: bold;

margin-left: 48vh;

color: white;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

}

#main select {

text-align: center;

margin-left: 60vh;

position: relative;

display: block;

width: 30vh;

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

background-color: black;

opacity: 0.8;

filter: alpha(opacity=80);

border-radius: 15%;

}

#main02 select {

text-align: center;

margin-left: 60vh;

position: relative;

display: block;

width: 30vh;

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

background-color: black;

opacity: 0.8;

filter: alpha(opacity=80);

border-radius: 15%;

}

#printTable {

text-align: right;

font-color: white;

font-weight: bold;

color: white;

background-color: black;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

margin-left: 28%;

margin-top: 10%;

opacity: 0.7;

filter: alpha(opacity=80);

}

#printTable input {

text-align: center;

position: relative;

display: block;

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

background-color: black;

opacity: 100%;

filter: alpha(opacity=100%);

border-radius: 15%;

}

#printTable input:hover {

color: white;

background-color: black;

opacity: 0.9;

filter: alpha(opacity=90);

}

#main input {

text-align: center;

margin-left: 60vh;

position: relative;

display: block;

width: 30vh;

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

background-color: black;

opacity: 0.8;

filter: alpha(opacity=80);

border-radius: 15%;

}

#main02 input {

text-align: center;

margin-left: 60vh;

position: relative;

display: block;

width: 30vh;

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

background-color: black;

opacity: 0.8;

filter: alpha(opacity=80);

border-radius: 15%;

}

#main form label {

font-size: 3vh;

font-weight: bold;

color: white;

text-align: center;

margin-left: 64vh;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

}

#main02 form label {

font-size: 3vh;

font-weight: bold;

color: white;

text-align: center;

margin-left: 64vh;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

}

.half\_screen\_div01 {

width: 50%;

float: right;

min-height: 32vh;

text-align: center;

padding-top: 10%;

background-image: url("background02.jpg");

background-size: 110%;

background-repeat: no-repeat;

}

.half\_screen\_div02 {

width: 50%;

float: left;

min-height: 32vh;

text-align: center;

padding-top: 10%;

background-image: url("background01.jpg");

background-size: 110%;

background-repeat: no-repeat;

}

#registation\_link {

font-size: 10vh;

text-decoration: none;

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

}

#registation\_link:hover {

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

background-color: black;

opacity: 0.5;

filter: alpha(opacity=50);

border-radius: 15%;

}

#login\_link {

font-size: 10vh;

text-decoration: none;

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

}

#login\_link:hover {

color: white;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

background-color: black;

opacity: 0.5;

filter: alpha(opacity=50);

border-radius: 15%;

}

#registration\_h1 {

font-weight: bold;

color: white;

text-align: center;

font-family: Avant Garde, Avantgarde, Century Gothic, CenturyGothic, AppleGothic, sans-serif;

text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;

}

**Index.html**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<link rel="stylesheet" type="text/css" href="site.css">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Welcome</title>

</head>

<body id="registration\_page">

<h1 id="registration\_h1">Please register to use our library</h1>

<div class="half\_screen\_div01">

<a id="login\_link" href="login.html">Log in</a>

</div><div class="half\_screen\_div02"><a id="registation\_link" href="registration.html">Register</a></div>

</body>

</html>

**Registration.html**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<link rel="stylesheet" type="text/css" href="site.css">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Registration Page</title>

</head>

<body id="registration\_page">

<div id="header">

<p>Welcome<br>Stranger</p>

</div>

<div id="main">

<h2>Register</h2>

<form action="registration.php" method="post">

<label>Username</label><input type="text" name="UserName">

<br><br>

<label>Password</label><input type="text" name="Password01">

<br><br>

<label>Confirm password</label><input type="text" name="Password02">

<br><br>

<label>Phone number</label><input type="text" name="PhoneNo">

<br><br>

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

</form>

<p><a id="return\_link" href="index.html">Return to Index Page</a></p>

<div id="footer">

<p>Website<br id="br01">made by<br id="br02">Jakub Zareba<br id="br03"></p>

</div>

</div>

</body>

</html>

**Registration.php**

<?php

session\_start();

require\_once "connection.php";

$username = mysqli\_real\_escape\_string($db, $\_POST['UserName']);

$password01 = mysqli\_real\_escape\_string($db, $\_POST['Password01']);

$password02 = mysqli\_real\_escape\_string($db, $\_POST['Password02']);

$phone = mysqli\_real\_escape\_string($db, $\_POST['PhoneNo']);

$errors = array();

$check\_for\_user = "SELECT \* FROM users WHERE UserName = '$username' LIMIT 1";

$result = mysqli\_query($db, $check\_for\_user);

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

if($user) {

if ($user['UserName'] === $username) {

array\_push($errors, "Username already taken");

}

}

if(empty($username)) { array\_push($errors, "Username is required");}

if(empty($password01)) { array\_push($errors, "Password cannot be empty");}

if($password01 != $password02) {array\_push($errors, "Passwords do not match");}

if(count($errors) == 0) {

$query = "INSERT INTO users (UserName, Password, Phone)

VALUES('$username', '$password01', '$phone')";

$success = array();

array\_push($success, "Registered Successfully");

$\_SESSION['errors'] = $success;

$\_SESSION['register'] = "Success";

header("refresh:0; url=print\_errors.php");

}

if(count($errors) > 0) {

$\_SESSION['errors'] = $errors;

$\_SESSION['register'] = "Errors";

header("refresh:0; url=print\_errors.php");

}

?>

**Print\_errors.php**

<?php

session\_start();

require\_once "connection.php";

?>

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<link rel="stylesheet" type="text/css" href="site.css">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Errors</title>

</head>

<body id="registration\_page">

<div id="main">

<?php

for($i = 0; $i < count($\_SESSION['errors']); $i++ ) {

echo '<p class="print">';

echo $\_SESSION['errors'][$i];

echo '</p>';

}

if(isset($\_SESSION['register'])) {

unset($\_SESSION['register']);

unset($\_SESSION['login']);

unset($\_SESSION['login01']);

unset($\_SESSION['logout']);

unset($\_SESSION['book\_reserved']);

header("refresh:2; url=registration.html");

}

if(isset($\_SESSION['login'])) {

unset($\_SESSION['login']);

unset($\_SESSION['register']);

unset($\_SESSION['login01']);

unset($\_SESSION['logout']);

unset($\_SESSION['book\_reserved']);

header("refresh:2; url=login.html");

}

if(isset($\_SESSION['login01'])) {

unset($\_SESSION['login']);

unset($\_SESSION['login01']);

unset($\_SESSION['register']);

unset($\_SESSION['logout']);

unset($\_SESSION['book\_reserved']);

header("refresh:2; url=home.php");

}

if(isset($\_SESSION['logout'])) {

unset($\_SESSION['logout']);

unset($\_SESSION['login']);

unset($\_SESSION['login01']);

unset($\_SESSION['register']);

session\_destroy();

unset($\_SESSION['book\_reserved']);

header("refresh:2; url=index.html");

}

if(isset($\_SESSION['book\_reserved'])) {

unset($\_SESSION['book\_reserved']);

unset($\_SESSION['logout']);

unset($\_SESSION['login']);

unset($\_SESSION['login01']);

unset($\_SESSION['register']);

header("refresh:2; url=home.php");

}

?>

</div>

</body>

</html>

**Login.html**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<link rel="stylesheet" type="text/css" href="site.css">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Login page</title>

</head>

<body id="registration\_page">

<div id="header">

<p>Welcome</p>

</div>

<div id="main">

<h2>Log in</h2>

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

<label>Username</label><input type="text" name="UserName">

<br><br>

<label>Password</label><input type="text" name="Password">

<br><br>

<input type="submit" name="login" value="Log in">

</form>

<p><a id="return\_link" href="index.html">Return to Index Page</a></p>

<div id="spacer"></div>

<div id="footer">

<p>Website<br id="br01">made by<br id="br02">Jakub Zareba<br id="br03"></p>

</div>

</div>

</body>

</html>

**Login.php**

<?php

session\_start();

require\_once "connection.php";

$username = mysqli\_real\_escape\_string($db, $\_POST['UserName']);

$password = mysqli\_real\_escape\_string($db, $\_POST['Password']);

$errors = array();

$success = array();

if(empty($username)) {

array\_push($errors, "Username is required");

}

if(empty($password)) {

array\_push($errors, "Password Is required");

}

if(count($errors) == 0) {

$query = "SELECT \* FROM users WHERE UserName = '$username' AND Password = '$password'";

$result = mysqli\_query($db, $query);

if(mysqli\_num\_rows($result) == 1) {

$\_SESSION['username'] = $username;

array\_push($success, "Logged in Successfully");

$\_SESSION['errors'] = $success;

$\_SESSION['login01'] = "Success";

header("refresh:0; url=print\_errors.php");

} else {

array\_push($errors, "Wrong username or password");

}

}

if(count($errors) > 0) {

$\_SESSION['errors'] = $errors;

$\_SESSION['login'] = "Errors";

header("refresh:0; url=print\_errors.php");

}

?>

**Home.php**

<?php

session\_start();

require\_once "connection.php";

$username = mysqli\_real\_escape\_string($db, $\_POST['UserName']);

$password = mysqli\_real\_escape\_string($db, $\_POST['Password']);

$errors = array();

$success = array();

if(empty($username)) {

array\_push($errors, "Username is required");

}

if(empty($password)) {

array\_push($errors, "Password Is required");

}

if(count($errors) == 0) {

$query = "SELECT \* FROM users WHERE UserName = '$username' AND Password = '$password'";

$result = mysqli\_query($db, $query);

if(mysqli\_num\_rows($result) == 1) {

$\_SESSION['username'] = $username;

array\_push($success, "Logged in Successfully");

$\_SESSION['errors'] = $success;

$\_SESSION['login01'] = "Success";

header("refresh:0; url=print\_errors.php");

} else {

array\_push($errors, "Wrong username or password");

}

}

if(count($errors) > 0) {

$\_SESSION['errors'] = $errors;

$\_SESSION['login'] = "Errors";

header("refresh:0; url=print\_errors.php");

}

?>

**User\_search.php**

<?php

session\_start();

require\_once "connection.php";

if(!isset($\_SESSION['username'])) {

unset($\_SESSION['username']);

$info = array();

array\_push($info, "You need to log in first");

$\_SESSION['errors'] = $info;

$\_SESSION['logout'] = "Logging out";

header("refresh:0; url=print\_errors.php");

}

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

if($\_POST['search'] == "Search by title") {

$user\_search = mysqli\_real\_escape\_string($db, $\_POST['userSearch']);

$search\_for\_title = "SELECT \* FROM books WHERE BookTitle LIKE '%$user\_search%'";

$result = mysqli\_query($db, $search\_for\_title);

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

$book\_list[] = $row;

}

$\_SESSION['book\_list\_sesh'] = $book\_list;

$\_SESSION['lock'] = "I am not set";

header("refresh:0; url=display\_search\_results.php");

} elseif($\_POST['search'] == "Search by author") {

$user\_search = mysqli\_real\_escape\_string($db, $\_POST['userSearch']);

$search\_for\_title = "SELECT \* FROM books WHERE Author LIKE '%$user\_search%'";

$result = mysqli\_query($db, $search\_for\_title);

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

$book\_list[] = $row;

}

$\_SESSION['book\_list\_sesh'] = $book\_list;

$\_SESSION['lock'] = "I am not set";

header("refresh:0; url=display\_search\_results.php");

} else {

$user\_search = mysqli\_real\_escape\_string($db, $\_POST['userSearch']);

$search\_for\_both = "SELECT \* FROM books WHERE BookTitle LIKE '%$user\_search%' OR Author LIKE '%$user\_search%'";

$result = mysqli\_query($db, $search\_for\_both);

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

$book\_list[] = $row;

}

$\_SESSION['book\_list\_sesh'] = $book\_list;

$\_SESSION['lock'] = "I am not set";

header("refresh:0; url=display\_search\_results.php");

}

}

?>

**Display\_search\_results.php**

<?php

session\_start();

require\_once "connection.php";

if(!isset($\_SESSION['username'])) {

unset($\_SESSION['username']);

$info = array();

array\_push($info, "You need to log in first");

$\_SESSION['errors'] = $info;

$\_SESSION['logout'] = "Logging out";

header("refresh:0; url=print\_errors.php");

}

?>

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<link rel="stylesheet" type="text/css" href="site.css">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Search Results</title>

</head>

<body id="home\_page">

<div id="header2">

<p>Welcome<br><?php echo $\_SESSION['username']; ?></p>

<form action="logout.php" method="post">

<input id="logout\_button" type="submit" value="Logout" name="logout"><br>

<input id="my\_reservations\_button" type="submit" value="My Reservations" name="display\_reservations">

</form>

</div>

<?php

if($\_SESSION['lock'] == "I am set") {

echo '<table id="printTable">';

echo '<tr>';

echo '<td>Book ID</td>';

echo '<td>Username</td>';

echo '<td>Date</td>';

echo '<td>Reserved</td>';

echo '</tr>';

for($i = 0; $i < count($\_SESSION['book\_list\_sesh']); $i++) {

echo '<tr>';

for($j = 0; $j < 4; $j++) {

if($j == 3) {

echo '<td>';

echo '<strong>';

echo '<form action="unreserve.php" method="post">

<input type="submit" name='.$\_SESSION['book\_list\_sesh'][$i]['0'].' value="Remove Reservation">

</form>';

echo '</strong>';

echo '</td>';

} else {

echo '<td>';

echo '<strong>';

echo $\_SESSION['book\_list\_sesh'][$i][$j];

echo '</strong>';

echo '</td>';

}

}

echo '</tr>';

}

} else {

echo '<table id="printTable">';

echo '<tr>';

echo '<td>Book ID</td>';

echo '<td>Book Title</td>';

echo '<td>Author</td>';

echo '<td>Edition</td>';

echo '<td>Year</td>';

echo '<td>Category ID</td>';

echo '<td>Reserved</td>';

echo '</tr>';

$\_SESSION['counter'] = count($\_SESSION['book\_list\_sesh']);

$loop\_end = 5;

if($loop\_end > $\_SESSION['counter']) {

$loop\_end = $\_SESSION['counter'];

}

for($i = 0; $i < $loop\_end; $i++) {

echo '<tr>';

for($j = 0; $j < 7; $j++) {

if($\_SESSION['book\_list\_sesh'][$i][$j] == "No") {

echo '<td>';

echo '<strong>';

echo '<form action="reserve.php" method="post">

<input type="submit" name='.$\_SESSION['book\_list\_sesh'][$i]['0'].' value="Reserve">

</form';

echo '</strong>';

echo '</td>';

} else {

echo '<td>';

echo '<strong>';

echo $\_SESSION['book\_list\_sesh'][$i][$j];

echo '</strong>';

echo '</td>';

}

}

echo '</tr>';

}

}

$\_SESSION['counter'] = count($\_SESSION['book\_list\_sesh']);

$\_SESSION['counter2'] = 5;

?>

</table>

<p><a id="return\_link2" href="home.php">Return to the Home Page</a>

<?php

if($\_SESSION['counter'] > 5) {

echo '</p><p><a class="next\_page\_button" href="next\_page.php">Next Page ---></a></p>';

}

?>

<div id="home\_page\_spacer"></div>

<div id="footer">

<p>Website<br id="br01\_no\_div">made by<br id="br02\_no\_div">Jakub Zareba<br id="br03\_no\_div"></p>

</div>

</body>

</html>

**Next\_page.php**

<?php

session\_start();

require\_once "connection.php";

if(!isset($\_SESSION['username'])) {

unset($\_SESSION['username']);

$info = array();

array\_push($info, "You need to log in first");

$\_SESSION['errors'] = $info;

$\_SESSION['logout'] = "Logging out";

header("refresh:0; url=print\_errors.php");

}

?>

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<link rel="stylesheet" type="text/css" href="site.css">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Search results</title>

</head>

<body id="home\_page">

<div id="header2">

<p>Welcome<br><?php echo $\_SESSION['username']; ?></p>

<form action="logout.php" method="post">

<input id="logout\_button" type="submit" value="Logout" name="logout"><br>

<input id="my\_reservations\_button" type="submit" value="My Reservations" name="display\_reservations">

</form>

</div>

<?php

$\_SESSION['lock'] = "I am not set";

echo '<table id="printTable">';

echo '<tr>';

echo '<td>Book ID</td>';

echo '<td>Book Title</td>';

echo '<td>Author</td>';

echo '<td>Edition</td>';

echo '<td>Year</td>';

echo '<td>Category ID</td>';

echo '<td>Reserved</td>';

echo '</tr>';

$x = $\_SESSION['counter'] % 5;

$a = $\_SESSION['counter2'];

$loop\_end = $a + 5;

if($loop\_end > $\_SESSION['counter'])

{

$loop\_end = $loop\_end - 5;

$loop\_end = $loop\_end + $x;

}

for($i = $a; $i < $loop\_end; $i++) {

echo '<tr>';

for($j = 0; $j < 7; $j++) {

if($\_SESSION['book\_list\_sesh'][$i][$j] == "No") {

echo '<td>';

echo '<strong>';

echo '<form action="reserve.php" method="post">

<input type="submit" name='.$\_SESSION['book\_list\_sesh'][$i]['0'].' value="Reserve">

</form>';

echo '</strong>';

echo '</td>';

} else {

echo '<td>';

echo '<strong>';

echo $\_SESSION['book\_list\_sesh'][$i][$j];

echo '</strong>';

echo '</td>';

}

}

echo '</tr>';

}

echo '</table>';

$a = $a + 5;

$\_SESSION['counter2'] = $a;

?>

<p><a class="previous\_page\_button" href="previous\_page.php"><--- Previous Page</a></p>

<p><a id="return\_link2" href="home.php">Return to the Home Page</a></p>

<?php

$b = $\_SESSION['counter'] - $loop\_end;

if($b != 0) {

echo '<p><a class="next\_page\_button" href="next\_page.php">Next Page ---></a></p>';

}

?>

<div id="home\_page\_spacer"></div>

<div id="footer">

<p>Website<br id="br01\_no\_div">made by<br id="br02\_no\_div">Jakub Zareba<br id="br03\_no\_div"></p>

</div>

</body>

</html>

**Previous\_page.php**

<?php

session\_start();

require\_once "connection.php";

if(!isset($\_SESSION['username'])) {

unset($\_SESSION['username']);

$info = array();

array\_push($info, "You need to log in first");

$\_SESSION['errors'] = $info;

$\_SESSION['logout'] = "Logging out";

header("refresh:0; url=print\_errors.php");

}

?>

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<link rel="stylesheet" type="text/css" href="site.css">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Search results</title>

</head>

<body id="home\_page">

<div id="header2">

<p>Welcome<br><?php echo $\_SESSION['username']; ?></p>

<form action="logout.php" method="post">

<input id="logout\_button" type="submit" value="Logout" name="logout"><br>

<input id="my\_reservations\_button" type="submit" value="My Reservations" name="display\_reservations">

</form>

</div>

<?php

echo '<table id="printTable">';

echo '<tr>';

echo '<td>Book ID</td>';

echo '<td>Book Title</td>';

echo '<td>Author</td>';

echo '<td>Edition</td>';

echo '<td>Year</td>';

echo '<td>Category ID</td>';

echo '<td>Reserved</td>';

echo '</tr>';

$\_SESSION['counter2'] = $\_SESSION['counter2'] - 10;

$a = $\_SESSION['counter2'];

$loop\_end = $a + 5;

for($i = $a; $i < $loop\_end; $i++) {

echo '<tr>';

for($j = 0; $j < 7; $j++) {

if($\_SESSION['book\_list\_sesh'][$i][$j] == "No") {

echo '<td>';

echo '<strong>';

echo '<form action="reserve.php" method="post">

<input type="submit" name='.$\_SESSION['book\_list\_sesh'][$i]['0'].' value="Reserve">

</form>';

echo '</strong>';

echo '</td>';

} else {

echo '<td>';

echo '<strong>';

echo $\_SESSION['book\_list\_sesh'][$i][$j];

echo '</strong>';

echo '</td>';

}

}

echo '</tr>';

}

echo '</table>';

$a = $a + 5;

$\_SESSION['counter2'] = $a;

?>

<?php

if($\_SESSION['counter2'] > 5) {

echo '<p><a class="previous\_page\_button" href="previous\_page.php"><--- Previous Page</a></p>';

}

?>

<p><a id="return\_link2" href="home.php">Return to the Home Page</a></p>

<p><a class="next\_page\_button" href="next\_page.php">Next Page ---></a></p>

<div id="home\_page\_spacer"></div>

<div id="footer">

<p>Website<br id="br01\_no\_div">made by<br id="br02\_no\_div">Jakub Zareba<br id="br03\_no\_div"></p>

</div>

</body>

</html>

**Category\_list.php**

<?php

session\_start();

require\_once "connection.php";

if(!isset($\_SESSION['username'])) {

unset($\_SESSION['username']);

$info = array();

array\_push($info, "You need to log in first");

$\_SESSION['errors'] = $info;

$\_SESSION['logout'] = "Logging out";

header("refresh:0; url=print\_errors.php");

}

if(isset($\_POST['category\_submit'])) {

$category = mysqli\_real\_escape\_string($db, $\_POST['category']);

$check\_for\_category = "SELECT \* FROM books WHERE Category = '$category'";

$result = mysqli\_query($db, $check\_for\_category);

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

$book\_list[] = $row;

}

$\_SESSION['book\_list\_sesh'] = $book\_list;

$\_SESSION['lock'] = "I am not set";

header("refresh:0; url=display\_search\_results.php");

}

?>

**Logout.php**

<?php

session\_start();

require\_once "connection.php";

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

unset($\_SESSION['username']);

$info = array();

array\_push($info, "Logging out");

$\_SESSION['errors'] = $info;

$\_SESSION['logout'] = "Logging out";

header("refresh:0; url=print\_errors.php");

}

if(isset($\_POST['display\_reservations'])) {

header("refresh:0; url=display\_reservations.php");

exit();

}

?>

**Display\_reservations.php**

<?php

session\_start();

require\_once "connection.php";

$username = $\_SESSION['username'];

$query = "SELECT \* FROM reservations WHERE UserName = '$username'";

$query\_run = mysqli\_query($db, $query);

while($row = mysqli\_fetch\_row($query\_run)) {

$book\_list[] = $row;

}

$\_SESSION['book\_list\_sesh'] = $book\_list;

$\_SESSION['lock'] = "I am set";

header("refresh:0; url=display\_search\_results.php");

?>

**Reserve.php**

<?php

session\_start();

require\_once "connection.php";

if(!isset($\_SESSION['username'])) {

unset($\_SESSION['username']);

$info = array();

array\_push($info, "You need to log in first");

$\_SESSION['errors'] = $info;

$\_SESSION['logout'] = "Logging out";

header("refresh:0; url=print\_errors.php");

}

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

$bookID = $key;

}

$find\_the\_book = "SELECT \* FROM books WHERE ISBN = '$bookID' LIMIT 1";

$result = mysqli\_query($db, $find\_the\_book);

if($result) {

$username = $\_SESSION['username'];

$reserve = "UPDATE books SET Reserved = 'Yes' WHERE ISBN = '$bookID'";

$reserve\_run = mysqli\_query($db, $reserve);

$find\_number\_of\_books = "SELECT \* FROM users WHERE UserName = '$username'";

$find\_number\_of\_books\_run = mysqli\_query($db, $find\_number\_of\_books);

$result = mysqli\_fetch\_assoc($find\_number\_of\_books\_run);

$num = $result['No\_of\_books'];

$num = $num + 1;

$update\_user\_no\_of\_books = "UPDATE users SET No\_of\_books = '$num' WHERE UserName = '$username'";

$update\_run = mysqli\_query($db, $update\_user\_no\_of\_books);

$today = date("Y-m-d");

$insert\_into\_res = "INSERT INTO reservations (ISBN, UserName, Date\_of\_res) VALUES ('$bookID', '$username', '$today')";

$run\_insert = mysqli\_query($db, $insert\_into\_res);

$bookRes = array();

array\_push($bookRes, "Book reserved");

$\_SESSION['book\_reserved'] = "Set";

$\_SESSION['errors'] = $bookRes;

header("refresh:0; url=print\_errors.php");

} else {

echo '<h2>Error occured, redirecting...</h2>';

header("refresh:2; url=user\_search.php");

}

?>

**Unreserve.php**

<?php

session\_start();

require\_once "connection.php";

if(!isset($\_SESSION['username'])) {

unset($\_SESSION['username']);

$info = array();

array\_push($info, "You need to log in first");

$\_SESSION['errors'] = $info;

$\_SESSION['logout'] = "Logging out";

header("refresh:0; url=print\_errors.php");

}

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

$bookID = $key;

}

$find\_the\_book = "SELECT \* FROM books WHERE ISBN = '$bookID' LIMIT 1";

$result = mysqli\_query($db, $find\_the\_book);

if($result) {

$username = $\_SESSION['username'];

$reserve = "UPDATE books SET Reserved = 'No' WHERE ISBN = '$bookID'";

$reserve\_run = mysqli\_query($db, $reserve);

$find\_number\_of\_books = "SELECT \* FROM users WHERE UserName = '$username'";

$find\_number\_of\_books\_run = mysqli\_query($db, $find\_number\_of\_books);

$result = mysqli\_fetch\_assoc($find\_number\_of\_books\_run);

$num = $result['No\_of\_books'];

$num = $num - 1;

$update\_user\_no\_of\_books = "UPDATE users SET No\_of\_books = '$num' WHERE UserName = '$username'";

$update\_run = mysqli\_query($db, $update\_user\_no\_of\_books);

$delete\_from\_res = "DELETE FROM reservations WHERE ISBN = '$bookID'";

$delete\_run = mysqli\_query($db, $delete\_from\_res);

$bookRes = array();

array\_push($bookRes, "Reservation removed");

$\_SESSION['book\_reserved'] = "Set";

$\_SESSION['errors'] = $bookRes;

header("refresh:0; url=print\_errors.php");

}

?>