

DataBase

Database name: lib;

Tables

1. admin
2. book
3. student

Structure:

Admin{

Id int Primary key,

Pass varchar(10) not null,

Name varchar(20),

Contact varchar(20),

Address varchar(10));

Book{

Sno int primary key,

Author varchar(10) not null,

Name varchar(10) not null,

Tag varchar(4) not null,

Status int(1) default 1,

Rollno int(14) default 0,

issued int(27) default 0};

Student{

Rollno int(15) Primary key,

Name varchar(10) not null,

Father varchar(10) not null,

Pass varchar(10) not null,

Bookissue int(1) default 5}

Student

	rollno	pass	name	father	bookissue	bookfine
e	2016021066	rat	Ratnesh	Ratnesh	5	0
e	2016021087	mmm	Subodh	Subodh	5	0
e	2016021088	mmm	sudhansu	sudhansu	5	0
e	2016021089	mmm	Suyash	suyash	5	0

Admin

id	pass	name	contact	address
1234	1234	Subodh	778089	Gkp
12524	1234	RAHUL SHARMA	77890912	Lucknow

Book

sno	author	name	tag	status	rollno	issueD
12009	BANJARE	C++	CSE	1	0	0
12671	CORMEN	ALORITHMS	CSE	1	0	0
12871	SK	PYTHON	CSE	1	0	0
12891	MAN	Operating System	CSE	1	0	0
21571	DANIES	C	CSE	1	0	0
21572	HERBLT	JAVA	CSE	1	0	0

Backend PHP & Database code

Connection code

```
<?php

$servername = "localhost:3306";

$username = "root";

$password = "";

// Create connection

$conn = new mysqli($servername, $username, $password, "lib");

// Check connection
if ($conn->connect_error) {
    die("error". PHP_EOL);
}
```

Student.php

```
<?php

$servername = "localhost:3306";

$username = "root";

$password = "";

// Create connection

$conn = new mysqli($servername, $username, $password, "lib");

// Check connection

if ($conn->connect_error) {

    die("error". PHP_EOL);

}

session_start();

if($_SERVER['REQUEST_METHOD']=="POST")

{

    $user=(int)$_POST['id'];

    $pass=$_POST['pass'];

    $sql="SELECT * FROM student WHERE rollno=".$user;

    $result = $conn->query($sql);

    if($result->num_rows>0)

    {

        $row=$result->fetch_assoc();

        if($pass!=$row['pass'])

        {
```

```

        die("incorrect password");
    }
    $_SESSION['user']=$row['name'];
    $_SESSION['rollno']=$row['rollno'];
    }
    else
    {
        die("error b788");
    }
}
else
{
    die("access denied");
}
?>
<html>
<head>
    <link rel="stylesheet" href="css/student.css">
</head>
<body>
    <div id="top">
        <h2><center>Student Library Portal</center></h2>
        <div style="position: absolute;right:1%; top: 1%; text-align: center;color:
white;font-weight: bold;"><?php echo$_SESSION['user'];?></div>
    </div>
    <div id="left">
        <ul><li><a id="adb">SEARCH BOOK </a></li>
            <li><a id="ib">E-BOOK</a></li>
            <li><a id="db">YOUR PAPER</a></li>

```

```
<li><a id="st">ACCOUNT </a></li>
```

```
<br>
```

```
<br>
```

```
<li><a >LOG OUT </a></li>
```

```
</ul>
```

```
</div>
```

```
<div id="right">
```

```
<input id="txt" type="text" placeholder="enter book tag"><label> Book  
</label>
```

```
<BUTTON onclick="showUser()">SS</BUTTON>
```

```
<div id="selector">
```

```
<input type="radio" id="tag" name="gender" value="tag"> Tag
```

```
<input type="radio" name="gender" id="author" value="author"> Author
```

```
<input type="radio" name="gender" id="name" value="name"> Name </div>
```

```
<div id="booktable">
```

```
</div>
```

```
</div>
```

```
<script>
```

```
function showUser() {
```

```
    var v= document.getElementById("txt");
```

```
    var str=v.value;
```

```
    var tt;
```

```
    if (document.getElementById('tag').checked) {
```

```
        tt = document.getElementById('tag').value;
```

```
}  
  
if (document.getElementById('author').checked) {  
    tt = document.getElementById('author').value;  
}  
  
if (document.getElementById('name').checked) {  
    tt = document.getElementById('name').value;  
}
```

```
  
if (window.XMLHttpRequest) {  
    // code for IE7+, Firefox, Chrome, Opera, Safari  
    xmlhttp = new XMLHttpRequest();  
} else {  
    // code for IE6, IE5  
    xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");  
}  
  
xmlhttp.onreadystatechange = function() {  
    if (this.readyState == 4 && this.status == 200) {  
        document.getElementById("booktable").innerHTML = this.responseText;  
    }  
};  
  
xmlhttp.open("GET","books.php?q="+str+"&t="+tt,true);  
xmlhttp.send();  
}
```

</script>

</body>

</html>

Admin.php

```
<?php

$servername = "localhost:3306";

$username = "root";

$password = "";


// Create connection

$conn = new mysqli($servername, $username, $password, "lib");


// Check connection
if ($conn->connect_error) {
    die("error". PHP_EOL);
}

session_start();

if($_SERVER['REQUEST_METHOD']=="POST")
{
    $user=(int)$_POST['id'];
    $pass=$_POST['pass'];

    $sql="SELECT * FROM admin WHERE id=".$user;
    $result = $conn->query($sql);

    if($result->num_rows>0)
    {
        $row=$result->fetch_assoc();
        if($pass!=$row['pass'])
        {
```



```

        die("incorrect password");
    }
    $_SESSION['user']=$row['name'];
    $_SESSION['id']=$row['id'];

    }

    else
    {
        die("error b788");
    }
}
else if(isset($_SESSION['user']))

{
    if($_SESSION['TYPE']=="adb")
        echo "<script> alert('book added');</script>";
    else if($_SESSION['TYPE']=="ib")
        echo "<script> alert('book issued');</script>";
    elseif($_SESSION['TYPE']=="db") {
        echo "<script> alert('book deposited');</script>";
        # code...
    }

}

else
{

```

```

        die("access denied");
    }
</style>
</head>
<body>
    <div class="ba">
        <center><h1>Admin Portal </h1></center>
    </div>
    <div class="main">
        <div id="left">
            <ul>
                <li><a id="adb">ADD BOOKS </a></li>
                <li><a id="ib">ISSUE </a></li>
                <li><a id="db">Deposite </a></li>
                <li><a id="st">Student </a></li>
            </ul>
        </div>
        <div id="right">
            <div id="addbook" class="f">
                <form action="addbook.php" method="POST">
                    <center><h1>Book Detail</h1></center>
                    <input type="text" name="bname"
placeholder="BOOKS Name">
                    <input type="text" name="aname"
placeholder="Author Name">
                    <input type="text" name="sb" placeholder="Serial
Number">
                    <input type="text" name="sub"
placeholder="Subject Name">

```

<input type="submit">

</form>

</div>

<div id="issue" class="f" style="display: none;">

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

<center><h1>Issue Book</h1></center>

<input type="text" name="sno"
placeholder="Serial no of book">

<input type="text" name="rollno"
placeholder="Roll no of Student">

<input type="submit">

</form>

</div>

<div id="deposit" class="f" style="display: none;">

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

<center><h1>Deposite Book</h1></center>

<input type="text" name="sno"
placeholder="Serial no of book">

<input type="submit">

</form>

</div>

</div>

</div>

Addbook.php

?php

```
$servername = "localhost:3306";
```

```
$username = "root";
```

```
$password = "";
```

```
// Create connection
```

```
$conn = new mysqli($servername, $username, $password, "lib");
```

```
// Check connection
```

```
if ($conn->connect_error) {
```

```
    die("error". PHP_EOL);
```

```
}
```

```
session_start();
```

```
if(isset($_SESSION['user']))
```

```
{
```

```
$sql = "INSERT INTO book
```

```
VALUES("".$_POST['sb']."','".$_POST['aname']."','".$_POST['bname']."','".$_POST['sub']."',1,0,0);";
```

```
if ($conn->query($sql) === TRUE) {
```

```
    $_SESSION['TYPE']="adb";
```

```
    header("Location: admin.php");
```

```
} else {
```

```
    echo "Error: " . $sql . "<br>" . $conn->error;
```

```
}
```

```
$conn->close();
```

```
}  
else  
{  
    die("error session not set");  
}
```

```
?>
```

issueBook.php

```
<?php  
$servername = "localhost:3306";  
$username = "root";  
$password = "";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password, "lib");  
  
// Check connection  
if ($conn->connect_error) {  
    die("error". PHP_EOL);  
}  
  
session_start();  
  
$sql="UPDATE book SET rollno=".$_POST['rollno'].",issueD=".time().",status=0 WHERE  
sno=".$_POST['sno'].","";  
  
if ($conn->query($sql) === TRUE) {  
  
    $_SESSION['TYPE']="ib";
```

```

        header("Location: admin.php");

    } else {
        echo "Error: " . $sql . "<br>" . $conn->error;
    }

    $conn->close();

?>

```

Deposite.php

```

<?php
$servername = "localhost:3306";
$username = "root";
$password = "";

// Create connection
$conn = new mysqli($servername, $username, $password, "lib");

// Check connection
if ($conn->connect_error) {
    die("error". PHP_EOL);
}

session_start();

$sql="UPDATE book SET rollno=0,issueD=0,status=1 WHERE sno=" . $_POST['sno'] . " . ";

if ($conn->query($sql) === TRUE) {

    $_SESSION['TYPE']="db";

    header("Location: admin.php");
}

```

```

} else {
    echo "Error: " . $sql . "<br>" . $conn->error;
}
$conn->close();
?>

```

Registration.php

```

?php
$servername = "localhost:3306";
$username = "root";
$password = "";

// Create connection
$conn = new mysqli($servername, $username, $password, "lib");

// Check connection
if ($conn->connect_error) {
    die("error". PHP_EOL);
}

if($_SERVER['REQUEST_METHOD']=="POST"){
    $sql = "INSERT INTO student
VALUES('".$_POST['rollno']. "','".$_POST['pass']. "','".$_POST['name']. "','".$_POST['fname']. "','5,0);
";

    if ($conn->query($sql) === TRUE) {

        echo"<script> alert('Registration Successfull');</script>";
    }
}

```

```

} else {
    echo "Error: " . $sql . "<br>" . $conn->error;
}

}

$conn->close();

?>

<!DOCTYPE html>

<html>

<head>

<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false);

function hideURLbar(){ window.scrollTo(0,1); } </script>

<!-- Meta tag Keywords -->

<!-- css files -->

<link href="css/style.css" rel="stylesheet" type="text/css" media="all">

</head>

<body>

<!--header-->

    <div class="header-w3l">

        <h1>Library Registration Form</h1>

    </div>

<!--//header-->

<!--main-->

<div class="main-agileits">

```



```
<h2 class="sub-head">Sign Up</h2>

<div class="sub-main">

    <form action="<?php echo $_SERVER['PHP_SELF']; ?>" method="post">

        <input placeholder="First Name" name="name" class="name"
type="text" required="">

        <br>

        <input placeholder="Father Name" name="fname" class="name2"
type="text" required="">

        <br>

        <input placeholder="Roll Number" name="rollno" class="number"
type="text" required="">

        <br>

        <input placeholder="Password" name="pass" class="pass"
type="password" required="">

        <br>

        <br>

        <input type="submit" value="sign up">

    </form>

</div>

<div class="clear"></div>

</div>

<!--//main-->

<!--footer-->

<

<!--//footer--></body>
```

Admin Portal

Book Detail

LIBRARY REGISTRATION FORM

SIGN UP

First Name

Father Name

Roll Number

Password

SIGN UP



Deposit Book

Serial no of book

Submit

Issue Book

Serial no of book

Roll no of Student

Submit