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Introduction:

library manager assigns me to create a web application by using a combination of HTML and PHP.In this assignment there are nine tasks. Such as, task-1: setup page, task-2: registration system, task-3: login page task-4: bookcase and name as well as number, task-5: contents of bookcase and heap, task-6: add book collection, task-7: allocate books, task-8: delete bookcase and task-9: session. I have completed the entire task very carefully. I have tried my best to fulfill all the requirement of the assignment.

Setup page and functionality outlined:

Setup page output:

First all I have to create a setup page .it helps to create database and the tables easily. The page name of setup_file.php.



Table 'tbl_addbook' already exists

Figure No-1.1: Display of setup file application

Correct tables output: After setup database create



Figure No-1.2: Display of setup database created

Code for setup page: This page name of setup_file.php

```
-<html>
      <title>Setup</title>
       </head>
     cbody>
  8
     <?php
  9
 10
       $dbhost = 'localhost';
       $dbuser = 'root';
 11
       $dbpass = '';
 12
       $db = mysql_connect($dbhost, $dbuser, $dbpass);
 13
 14
 15
 16
       $sql = 'CREATE Database library';
 17
 18
       $result = mysql_query( $sql, $db );
 19
 20
 21
       mysql close($db);
 22
 23
 24
 25
 26
 27
     <?php
       $host = "localhost";
 28
       $user = "root";
 29
       $pass = "";
 30
 31
       $database = "library";
 32
       $connection = mysql_connect($host, $user, $pass)
       or die ("Not found database");
 33
 34
       mysql_select_db ($database);
 35
 36
 37
       $query = "CREATE TABLE `tbl_addbook` (
         'id' int(10) NOT NULL AUTO_INCREMENT,
 38
         'book_name' varchar(40) NOT NULL,
 39
         `author_name` varchar(30) NOT NULL,
 40
         `isbn_name` varchar(30) NOT NULL,
 41
         `list_price` varchar(40) NOT NULL,
 42
         PRIMARY KEY ('id')
 43
 44
 45
 46
       $ret = mysql_query ($query, $connection) or die (mysql_error());
       $query = "CREATE TABLE `tbl_allocate` (
 47
         'id' int(10) NOT NULL AUTO_INCREMENT,
 48
         `add_case` varchar(40) NOT NULL,
 49
       `add_book` varchar(30) NOT NULL,
 50
 51
          PRIMARY KEY ('id')
 52
 53
 54
       $ret = mysql_query ($query, $connection) or die (mysql_error());
       $query = "CREATE TABLE `tbl_case` (
 55
         'id' int(10) NOT NULL AUTO_INCREMENT,
 56
 57
          'case_name' varchar(40) NOT NULL ,
         `case shelf` varchar(30) NOT NULL ,
 58
 59
         PRIMARY KEY ('id')
 60
 61
```

```
62
63
         $ret = mysql query ($query, $connection) or die (mysql error());
         $query = "CREATE TABLE `tbl_registration` (
64
65
            `registration_id` int(10) NOT NULL AUTO_INCREMENT,
            'name' varchar(50) NOT NULL ,
66
67
            'email' varchar(50) NOT NULL ,
68
            `phone` varchar(20) NOT NULL ,
69
            `address` text NOT NULL ,
70
            `country` varchar(50) NOT NULL ,
71
           'password' varchar(30) NOT NULL ,
72
          PRIMARY KEY ('registration_id')
        )";
73
74
75
76
77
78
         $ret = mysql_query($query, $connection);
79
80
      if ($ret) {
81
82
        echo "<h1>Setup File Successfully Done!!!<h1>";
83
      else {
84
85
        echo "<h1>Something wrong: </h1>";
        - }
86
87
       - 2>
88
        -</body>
89                                                                                                                                                                                                                                                                                                                                         
90
```

Figure No-1.3: Display of setup file coding

Registration system, using an HTML page and a PHP backend:

Registration system: The page name of registration.php .When the program is open this page is show. Then click on Create new User for registration.

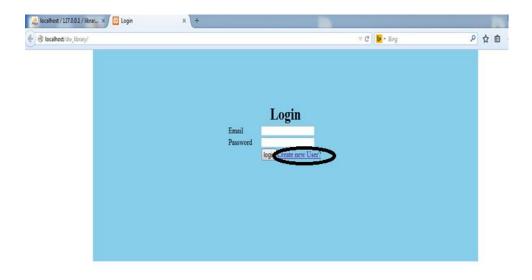


Figure No-2.1: Display of login page

Click on Create new User After this page is open. I have created a registration page for new user.

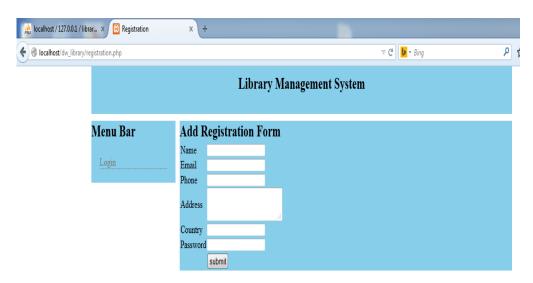


Figure No-2.2: Display of Registration page

Any user creates registration. Here I have registration this from.

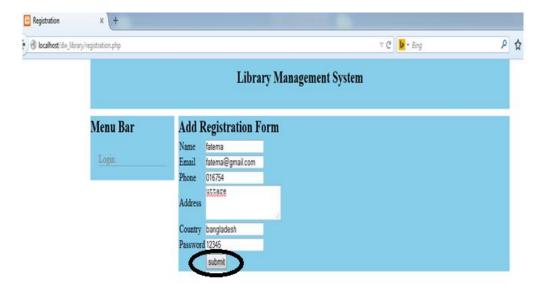


Figure No-2.3: Display of Registration form submit

Than after this page is open successfully and display on registration inserted.

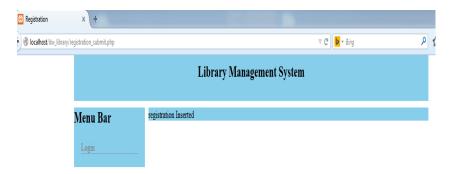


Figure No-2.4: Display of registration inserted

Table for Registration:

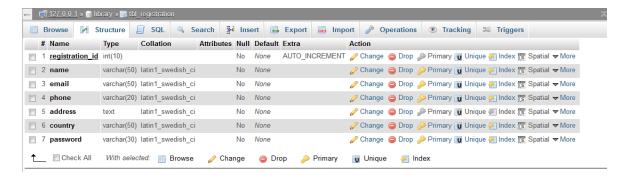


Figure No-2.5: Display of registration table

After registration successfully. All information will be stored in the database.



Figure No-2.6: Display of store database registration

Code for Registration: this page name of registration.php

```
egistration.php
     <!doctype html>
    -<html>
        <head>
           <title>Registration</title>
           <link href="admin_style.css" rel="stylesheet" type="text/css">
        </head>
           <div id="admin wrapper">
              <header><h2 style="text-align:center; margin-top:10px;"> Library Management System
              <div id="admin_container">
    中
    中
                 <aside>
                 <h2>Menu Bar</h2>
    中
 14
                       <a href="index.php">Login</a>
 15
 16
 17
                    18
                 </aside>
 19
                 <article>
 20
                    <h2>Add Registration Form</h2>
 21
                    <form action="registration submit.php" method="post" enctype="multipart/form-data">
 22
                    23
                    Name
 24
 25
                    Emailtd>input type="text" name="email">
 27
                    Phonetinput type="text" name="phone">
 28
 29
                    Addresstd>textarea name="address"></textarea>
 30
 31
                    Countrycinput type="text" name="country">
                    Passwordinput type="text" name="password">
 34
                    35
                      37
                      </form>
38
39
                   .
</article>
                </div>
40
41
            </div>
42
43
         </body>
     </html>
44
```

Figure No-2.7: Display of registration coding

Code for registration submit page: this page name of registration_submit.php

```
egistration_submit.php
       <!doctype html>
  <head>
              <title>Registration</title>
              k href="admin style.css" rel="stylesheet" type="text/css">
          </head>
  7
          <body>
  8 =
              <div id="admin_wrapper">
                  <header><h2 style="text-align:center; margin-top:10px;"> Library Management System</h2></header>
 10 E
                  <div id="admin_container">
                     <aside>
                      <h2>Menu Bar</h2>
 13
                         <a href="index.php">Login</a>
 14
 15
 16
 18
                      <article>
 19
                      <?php include("database/connection.php");</pre>
      $name=$_POST["name"];
      $email=$_POST["email"];
      $phone=$_POST["phone"];
 22
      $address=$_POST["address"];
 23
 24
      $country=$_POST["country"];
 25
       $password=$_POST["password"];
 26
 27
       $sql=mysql_query("insert into tbl_registration(name,email,phone,address,country,password) values('$name','$email','$phone','$address','$country','$password')");
 28
 29
       {echo "registration Inserted"; }
 30
31
       else{echo "Case not Inserted";}
 32
 33
 34
                     </article>
 35
                  </div>
 36
              </div>
 37
 38
           </body>
 39
     L</html>
```

Figure No-2.8: Display of registration submit page coding

Login process, with an HTML login page that handles changing the displayed books and shelves based on the user:

Login process: When the Login process is open

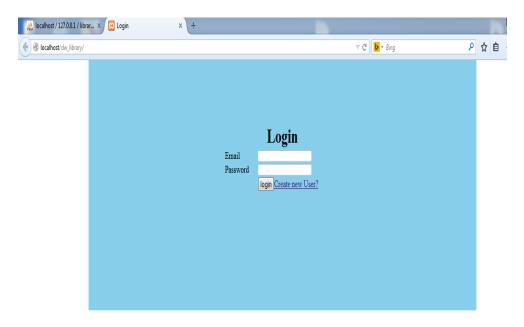


Figure No-3.1: Display of login page

I have to fill up the login form by providing email and password



Figure No-3.2: Display of login process

After this page is open. Now I have selected option from menu Bar.

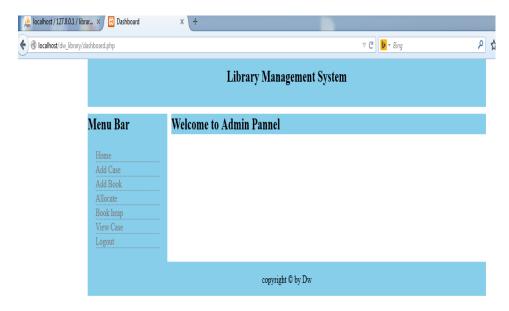


Figure No-3.3: Display of welcome to admin panel

Here I have selected Add Case option.

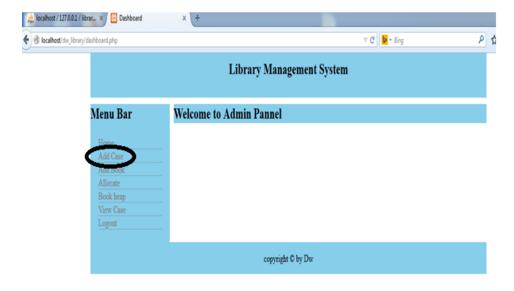


Figure No-3.4: Display of selected Add Case option

Then this page is open. I have fill up the Add Case form by providing case name and case shelf.

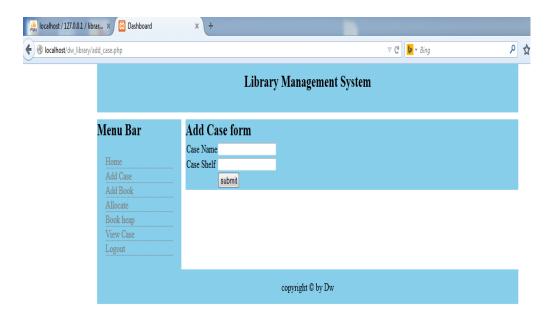


Figure No-3.5: Display of Add Case form

Here I have fill up case name and case shelf. Case name is computer and case shelves values are 10.then click on submit.

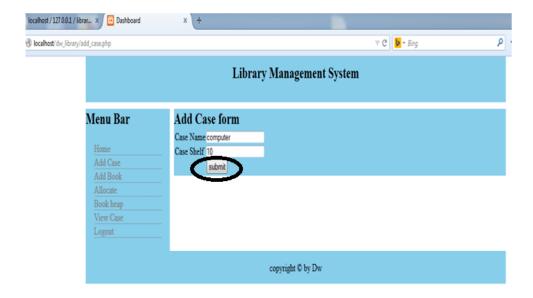


Figure No-3.6: Display of Add Case submit

Then after this program is run successfully and display on case inserted.

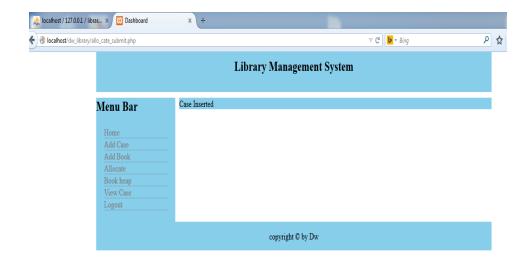


Figure No-3.7: Display of Case inserted

Cade for Login: this page name of index.php

```
index.php ☑
          <?php
ob_start();</pre>
       session_start();
include("database/connection.php"
if(isset($_SESSION["name"])) {
   header("location:dashboard.php");
         <!doctype html>
 10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
           <head>
<title>Login</title>
<link href="admin_style.css" rel="stylesheet" type="text/css">
            </head>

<div id="admin_wrapper">
<div id="login">
<form action ="" method="post">

            ctr>h1 style="text-align:center">Login</h1><h2 style="color:red">
            if(isset($_POST["btn"])){
$sql=mysql_query("select * from tbl_registration where email='".$_POST["email"]."' and password='".$_POST["password"]."'");
if(mysql_num_rows($sql)==0){
echo "Invalid Email/password";
            $row=mysql_fetch_array($sql);
$_SESSION["name"]=$row["name"];
 32
 33
            </h2>
 34
 35
            36
              Email<input type = "text" name = "email">
 37
              Passwordtinput type = "text" name = "password">
 38
 39
                td>tip= "submit" name="btn" value = "login"><a href="registration.php">Create new User?
 40
                41
               <div>
 42
               </div>
 43
            </body>
 44
         </html>
 45
```

Figure No-3.8: Display of login coding

If we want to logout our program then we click on Logout option

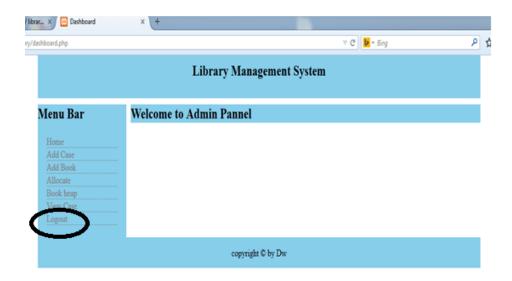


Figure No-3.9: Display of logout option

After this page is open again.

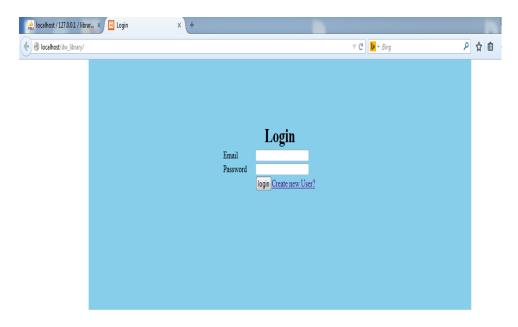


Figure No-3.10: Display of logout page

Code for logout: this page name of logout.php

```
🔚 logout.php 🔣
  1
     ob_start();
  3
       session start();
     if (isset($_SESSION["name"])) {
  4
  5
       session_destroy();
  6
       header("location:index.php");
  7
  8
       include("database/connection.php");
  9
 10
      L ?>
```

Figure No-3.11: Display of logout coding

Create new bookcases with a name and the number:

I have selected option Add case form Menu bar.

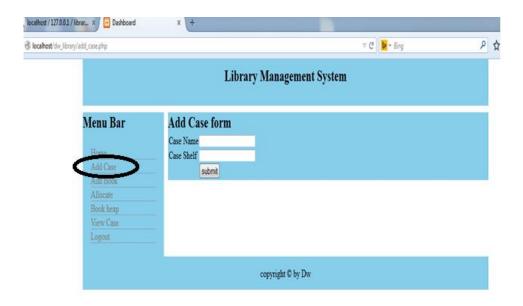


Figure No-4.1: Display of Add Case form

After This page is open. I have selected case name computer and case shelf values 10 after click on submit.

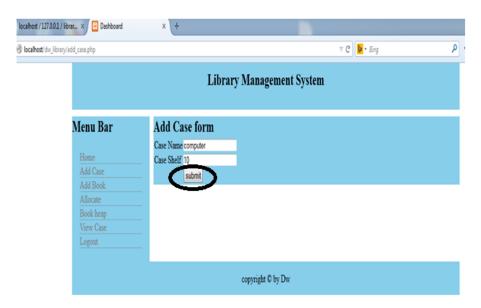


Figure No-4.2: Display of Add case submit

After this program is run successfully and display on case inserted.

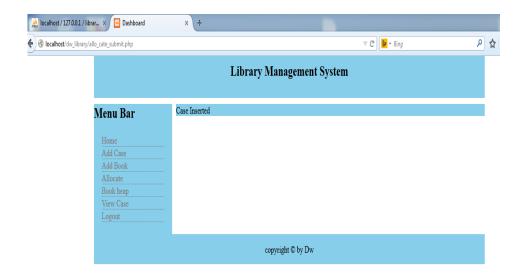


Figure No-4.3: Display of case inserted

Table for Add Case:

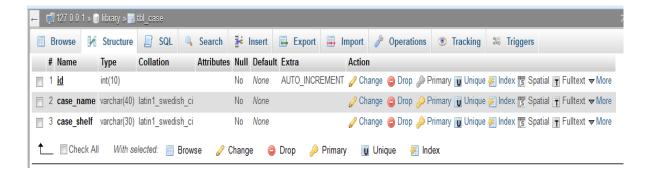


Figure No-4.4: Display of add case table

After add case successfully and all information will be stored in the database.



Figure No-4.5: Display of add case store data

Code for Add case: this page name of add_case.php

```
add_case.php
    include("connect/header.php");
     include("connect/sidebar.php");
    口
 5
                 <article>
 6
                   <h2>Add Case form</h2>
    自
                    <form action="add case submit.php" method="post" enctype="multipart/form-data">
 8
                    Case Nametd>tinput type="text" name="case name">
 10
 11
                   Case Shelfinput type="text" name="case_shelf">
 12
                   13
                    14
                    </form>
 15
 16
                 </article>
 17
              <?php include("connect/footer.php");?>
```

Figure No-4.6: Display of Add case coding

This page code for add_case_submit.php

```
add_case_submit.php
     □<?php
        include("connect/header.php");
  3
        include("connect/sidebar.php");
  4
        ?>
  5
  6
                        <article>
                       <?php
  8
       $case_name=$_POST["case_name"];
  9
       $case_shelf=$_POST["case_shelf"];
        $sql=mysql_query("insert into tbl_case(case_name, case_shelf)values('$case_name','$case_shelf')");
 10
        if($sql)
 12
        {echo "Case Inserted"; }
 13
        else{echo "Case not Inserted";}
 14
 15
 16
 17
                        </article>
 18
                    <?php include("connect/footer.php");?>
```

Figure No-4.7: Display of Add case submit coding

Task-5

List the contents of bookcases and the 'heap':

Now I have selected option Add Book from menu bar.

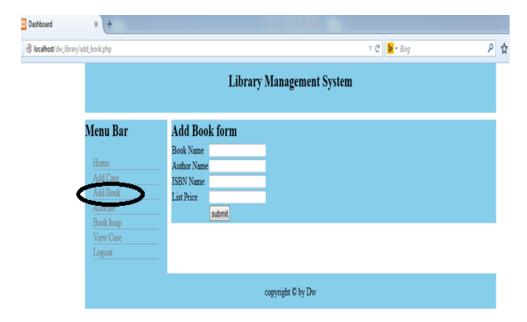


Figure No-5.1: Display of Add Book form

Then I have to fill up this form and click on submit

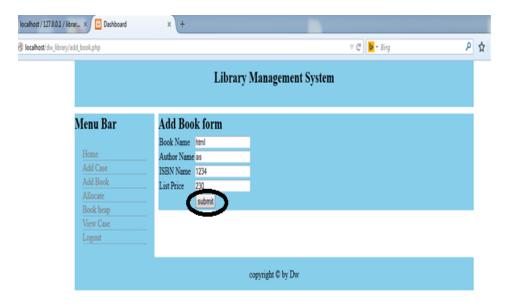


Figure No-5.2: Display of Add Book submit

After this program is run successfully and display on Book Inserted

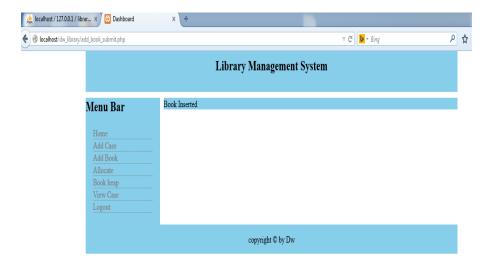


Figure No-5.3: Display of Book Inserted

I have check book heap option and this page is open successfully.

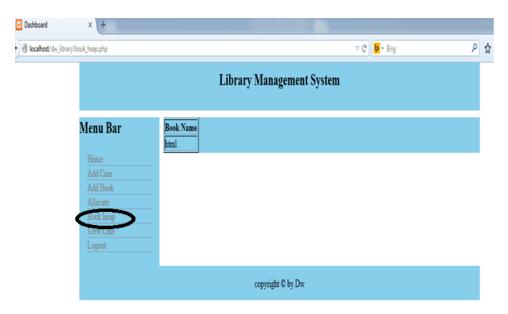


Figure No-5.3: Display of Book heap

Code for book heap: this page name of book_heap.php

```
Book_heap.php 

Book_heap.php
 include("connect/header.php");
 3
4 include("connect/sidebar.php");
2>
 5 📮
                <article>
 5 $showheap=wysql_query("select tbl_addbook.book_name from tbl_addbook left join tbl_allocate on tbl_addbook.book_name=tbl_allocate.add_book where tbl_allocate.add_book is NULL ");
 9 -echo "No book Found";}
 10 ⊟else{
 11 echo "tr>Book Name";
 14
    echo "".$ro["book_name"]."";
 15
 16
 18
 19
 20
 21
                 22
                 </article>
23 🛱 <?php
include("connect/footer.php");
25
?>
```

Figure No-5.4: Display of Book heap coding

Add books to a collection:

I have selected option add Book from menu Bar after this page is show.

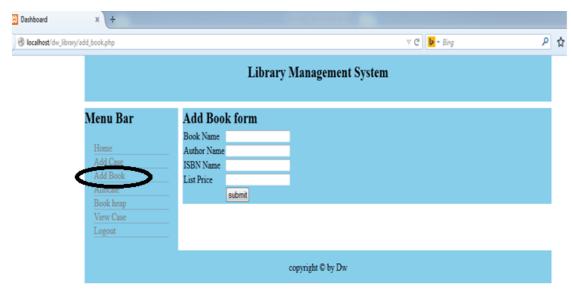


Figure No-6.1: Display of Add Book form

After I have fill up the Add Book form page and click on submit

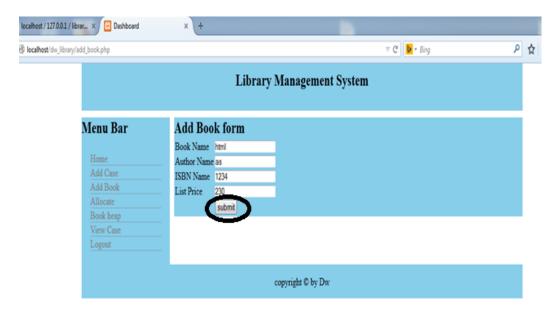


Figure No-6.2: Display of Add Book submit

My program is run successfully. This page is open and display on Book inserted.

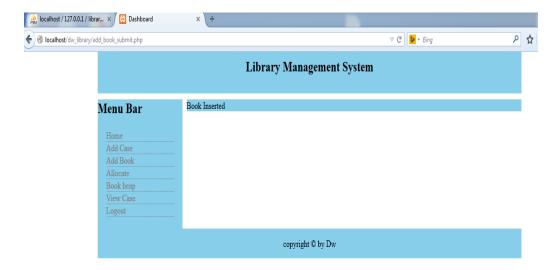


Figure No-6.3: Display of Book inserted

Table for Add Book:

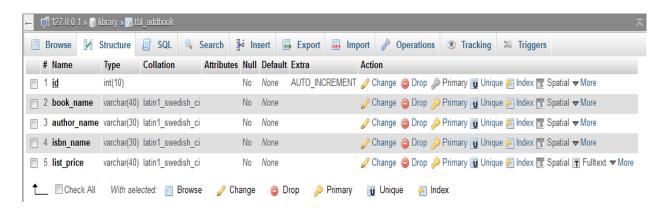


Figure No-6.4: Display of Add Book table

After Add Book successfully and all information will be stored in the database



Figure No-6.5: Display of Add Bok data store

Code for Add Book: this page name of add_book.php

```
add_book.php
    ⊟<?php
      include("connect/header.php");
      include("connect/sidebar.php");
  4
 5
                   <article>
  6
                      <h2>Add Book form</h2>
     自
                      <form action="add book submit.php" method="post" enctype="multipart/form-data">
 8
                      Book Nametd><tnput type="text" name="book_name">
 10
 13
                       Author Nametd>cinput type="text" name="author name">
 14
 15
                       ISBN Nametd>td>type="text" name="isbn name">
 16
 17
                      List Price<input type="text" name="list price">
 18
 19
 20
                       /td>/td>input type="submit" name="btn" value="submit">/td>//tr>
 21
                       22
                       </form>
 23
 24
                    </article>
 25
      <?php include("connect/footer.php");?>
```

Figure No-6.6: Display of Add Book coding

Code for Add Book submit this page name of add_book.php

Figure No-6.7: Display of Add Book submit coding

Allocate books to a bookcase and shelf:

I have selected Allocate option from menu bar. Then I have selected Add case name and Add Book name from combo box.

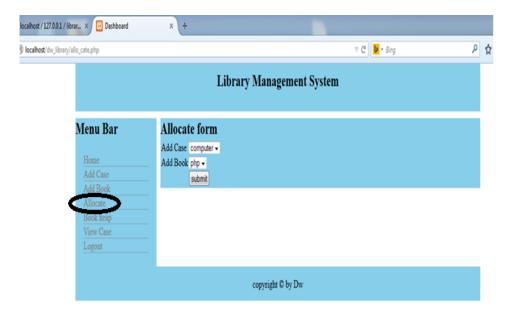


Figure No-7.1: Display of Allocate form

After click on submit.

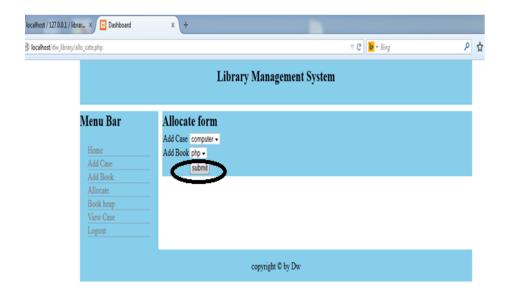


Figure No-7.2: Display of allocate submit

After my program is run successfully and display on case inserted.

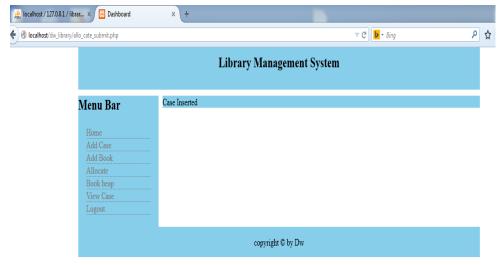


Figure No-7.3: Display of case inserted

Table for Allocate:



Figure No-7.4: Display of Allocate table

After allocated successfully and all information will be stored in the database

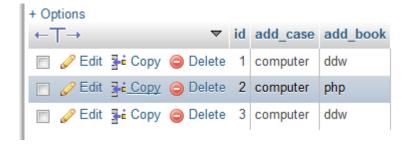


Figure No-7.5: Display of Allocate data store

Cade for Allocate: this page name of allo_cate.php

```
🔚 allo_cate.php 🔀
        include ("connect/header.php");
        include("connect/sidebar.php");
                         <form action="allo_cate_submit.php" method="post" enctype="multipart/form-data">
                             Add Case
                             <select name="add_case">
 11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
                             $sql=mysql_query("select * from tbl_case");
                             if (mysql_num_rows($sql)==0) {
echo "<option>no Case here</option>";}
                             while($row=mysql_fetch_array($sql)){
echo "<option value='".$row["case_name"]."'>".$row["case_name"]."</option>";}
                             </select>
                             Add Bookselect name="add book">
                             $sq=mysql query("select * from tbl addbook");
                             echo "<option>no Case here</option>";}
                             while ($row=mysql_fetch_array($sq)) {
echo "<option value='".$row["book_name"]."'>".$row["book_name"]."</option>";}
 32
 34
                               ?>
 35
                               </select>
                               /td>input type="submit" name="btn" value="submit">
 36
 37
                               38
                               </form>
 39
 40
                           </article>
 41
                      <?php include("connect/footer.php");?>
```

Figure No-7.6: Display of Allocate coding

This page name of allo_cate_submit.php

```
    allo_cate_submit.php 
    I
      ⊟<?php
        include ("connect/header.php");
  3
        include ("connect/sidebar.php");
      L 2>
  4
     日
  5
                        <article>
  6
                           <?php
        $add_case=$_POST["add_case"];
        $add book=$ POST["add book"];
  8
        $sql=mysql_query("insert into tbl_allocate(add_case,add_book) values('$add_case','$add_book')");
  9
        if($sql)
 10
 11
        {echo "Case Inserted"; }
        else{echo "Case not Inserted";}
 12
 13
 14
 15
 16
                         </article>
 17
      =<?php
 18
        include ("connect/footer.php");
 19
```

Figure No-7.7: Display of Allocate submit coding

Users to delete bookcases:

I have selected add case option from menu bar. After I have selected case name and case shelf then click on submit.

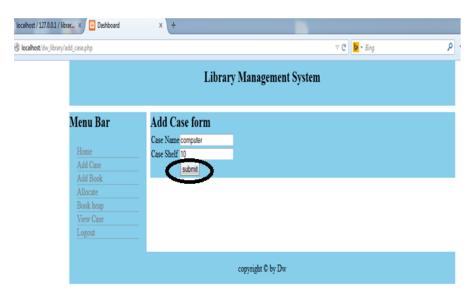


Figure No-8.1: Display of Add case submit

This program is run successfully and display on case inserted.

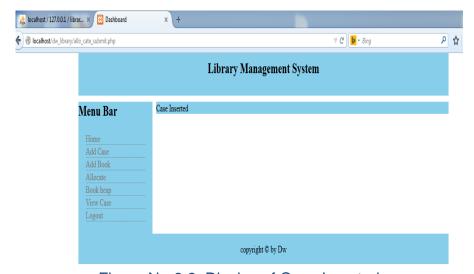


Figure No-8.2: Display of Case Inserted

After check on view option form menu bar then show on All Case, which case name will be deleted from case name action.

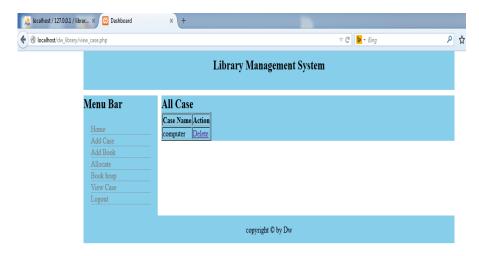


Figure No-8.3: Display of delete case name

Same way selected in other case name and case shelf. Here case name was php and shelf values were 10.after click on submits.

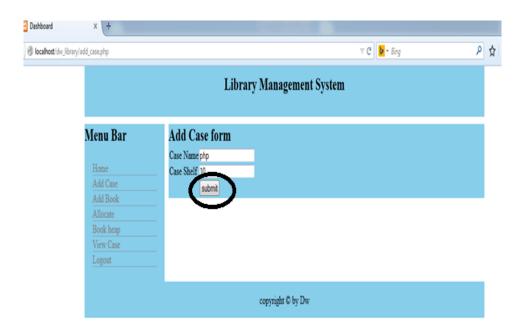


Figure No-8.4: Display of Add case submit

This program is run successfully and display on case inserted



Figure No-8.5: Display of case inserted

Again I have selected view case option from menu bar .then Auto case name will be deleted from all case. Here display show in.

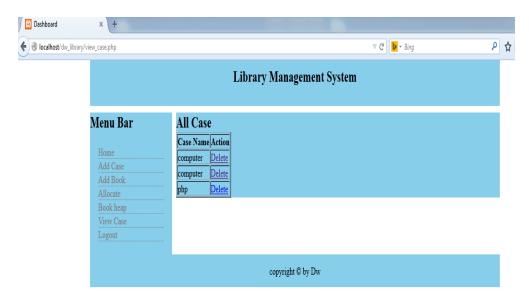


Figure No-8.6: Display of deleted case name

Code for delete bookcase: this page name of view_case.php

```
i view_case.php
      include("connect/header.php");
      include("connect/sidebar.php");
    <h2>All Case</h2>
                     <form action="allo_cate_submit.php" method="post" enctype="multipart/form-data">
                     Case NameAction
 12
13
                     if(isset($_GET["id"])){
                     $ss=mysql_query("delete from tbl_case where id='".$_GET["id"]."'");
 14
15
                     echo "Deleted";
 16
                     $sql=mysql query("select * from tbl_case");
 18
                     if (mysql_num_rows($sql)==0) {
                     echo "no Case here";}
                     else{
                     while($row=mysql_fetch_array($sql)){
 23
                     24
 25
26
 27
28
                     29
 30
31
32
33
                       </form>
34
35
                    </article>
                <?php include("connect/footer.php");?>
```

Figure No-8.7: Display of delete bookcase coding

Correct use of session:

When this program is open this page show on. This page name is session. My program session name is Dashboard. Here I have selected any option from Manu bar. This program run is successfully.

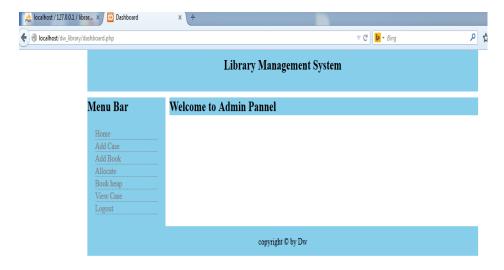


Figure No-9.1: Display of Session

Here I have selected Add book option from Manu bar. After this page show on.

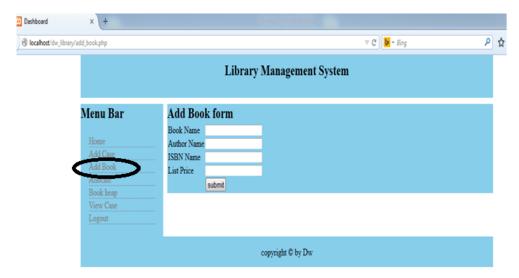


Figure No-9.2: Display of Add book

Code for Dashboard: this page name of dashboard.php

```
🔚 dashboard.php 🛚 🔻
      <?php</p>
  2
        include ("connect/header.php");
  3
        include ("connect/sidebar.php");
  4
  5
  6
                          <article>
  7
                               <h2>Welcome to Admin Pannel</h2>
  8
  9
                          </article>
 10
        <?php include("connect/footer.php");?>
 11
```

Figure No-9.3: Display of dashboard coding

(Education, 2011)

Cade for Design CSS Style: this page name of admine_style.css

```
🗎 admin_style.css 🛚
        *{margin:0px; padding:0px;}
        #admin_wrapper{margin:0 auto; width:1000px; height:auto;}
        #login{float:left; width:100%; height:400px; background-color:skyblue;}
        #login table{ width:300px; margin:100px auto;}
        header{float:left; width:1000px; height:70px; background-color:skyblue;}
        #admin container{float:left; width:1000px; height:auto; margin-top:10px;}
        aside{float:left; width:200px;height:auto; background-color:skyblue; }
  8
        aside ul{list-style:none; margin:20px;}
  9
        aside ul li{border-bottom:1px dotted gray;}
        aside ul li a{text-decoration:none; color:gray;}
 10
 11
        aside ul li a:hover{color:white; font-weight:bold;}
        article{float:left; width:790px;height:auto; background-color:skyblue;margin-left:10px; }
 12
        footer{float:left; width:1000px; height:50px; background-color:skyblue;}
 13
 14
        footer p{text-align:center; line-height:50px;}
 15
```

Figure No-9.4: Display of CSS style

Conclusion:

I have done my assignment very carefully. My program is run successfully. I have tried my best to fulfill all the requirement of the assignment. From this experience I am hoping to develop and design better dynamic website in the future for further analysis.

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