



# **Faculty of Computers and Artificial Intelligence**

### **Cairo University**

### **Final Assessment Project**

**Course Title:** Web Technology - IS231

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### **Chapter 1: Introduction**

#### Description

University Library Management is a website that lets the user do many tasks it helps to explore the books easily and borrow any book he wants it.

University Library Management has options for Browsing and security, it lets to the user to signup if he is admin or student and then login with some proceedings and it checks carefully about his/her email and password, then lets the students to Browsing the books and its information and borrow if they want. and lets the admin add a book or Sending emails to late borrowers.

#### Home screen page

On this page, there is a navigation bar includes books page, login-signup pages if the user is unlogged in, and log out if logged in.

#### Login-signup pages

On this pages let the user to signup but first asks him if he student or admin then stores his data to the database of the system and check if his username already exists asks him to change the username, and lets to login but ask him first if he wants to log in as student or admin then check his username and password from the database.

#### **Books page**

On this page when the user login he can browsing books as a list of the table has details of the book like name, ISBN, publication year, author name, publication year, status, quantity, and department.

And can update his details by the "Edit Profile" icon and then update the data on the system.

And if the user is admin can update a book details by the "Edit book" icon first choose the id of a book and then the data will be updated in the system.

Then there is a side navigation bar for the admin page Through it can add a book or send an email to the late borrowers.

#### Technology and tools used

- HTML, CSS, Ajax
- JavaScript
- PHP
- Visual Studio IDE
- XAMPP Control Panel

#### Team members Roles

Member	Role
Marwan Ahmed	<ul> <li>Navbar-design-php</li> <li>Books page-design-php</li> <li>Side navbar -design-php</li> <li>Add book page-design-php</li> <li>Edit book page-design-php</li> <li>Edit profile page-design-php</li> <li>Login page-php</li> </ul>
Hesham Samir	<ul> <li>Index page -design-php</li> <li>Login page -design</li> <li>Signup page -design-php</li> <li>Late borrower page-design-php</li> </ul>

# **Chapter 2: Design/Implementation**

## Index.php

```
<?php
 session_start();
<!DOCTYPE html>
<html>
<head>
 <title>
          University Library
 <link rel="stylesheet" type="text/css" href="style.css">
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
<style type="text/css">
 nav
 {
          float: right;
          word-spacing: 30px;
          padding: 20px;
          font-size:17px;
 }
 nav li
 {
          display: inline-block;
          line-height: 80px;
 }
```

```
</style>
</head>
<body>
 <div class="wrapper">
         <header>
         <?php
         if(isset($_SESSION['login_user']))
                ?>
                 <nav>
                        <a href="index.php">HOME</a>
                                <a href="books.php">BOOKS</a>
                                <a href="logout.php">LOGOUT</a>
                        </nav>
                <?php
        }
         else
         {
                ?>
                 <nav>
                        <a href="index.php">HOME</a>
                                <a href="books.php">BOOKS</a>
                                <a href="login.php">LOGIN</a>
                                <a href="signup.php">SIGN-UP</a>
                        </nav>
         <?php
         }
         ?>
         <br><br>>
                        <br>
         <h1 style="color: white;float:left; padding-left: 20px;font-size:22px;">UNIVERSITY
LIBRARY MANGEMENT </h1>
         </header>
         <section>
         <div class="sec_img">
                <br><br><br><br>
                <div class="box">
                        <br><br><br><br><br>
                        <h1 style="text-align: center; font-size: 45px;">Welcom to
library</h1><br><br>
                </div>
         </div>
         </section>
 </div>
</body>
</html>
```

### style.css

```
html, body, div, span, object, iframe,
h1, h2, h3, h4, h5, h6, p, blockquote, pre,
abbr, address, cite, code,
del, dfn, em, img, ins, kbd, q, samp,
small, strong, sub, sup, var,
b, i,
dl, dt, dd, ol, ul, li,
fieldset, form, label, legend,
table, caption, tbody, tfoot, thead, tr, th, td,
article, aside, canvas, details, figcaption, figure,
footer, header, hgroup, menu, nav, section, summary,
time, mark, audio, video {
margin:0;
padding:0;
border:0;
outline:0;
font-size:100%;
vertical-align:baseline;
background:transparent;
}
body {
line-height:1;
}
table {
border-collapse:collapse;
border-spacing:0;
}
hr {
display:block;
height:1px;
border:0;
border-top:1px solid #ccccc;
margin:1em 0;
padding:0;
}
input, select {
vertical-align:middle;
/*----*/
.wrapper
{
 height: 50px;
 width: 50px;
}
```

```
header
 height: 80px;
 width: 1365px;
 background-color: black;
 padding: 5px;
}
section
{
 height: 1000px;
 width: 1375px;
 background-color: black;
li a
{
 color: white;
 text-decoration: none;
}
section
.sec_img
 height: 550px;
 margin-top: 0px;
 background-image: url("images/index.jpg");
}
.box
{
 height: 150px;
 width: 400px;
 background-color: #030002;
 margin: 110px auto;
 opacity: .8;
 color: white;
}
/*----*/
.log_img
 height: 650px;
 margin-top: 0px;
 background-image: url("images/login.png");
}
.box1
 height:450px;
 width: 450px;
 background-color: black;
 margin: 70px auto;
 opacity: .7;
 color: white;
```

```
padding: 20px;
form .login
 margin: auto 50px;
}
input
 height: 25px;
 width: 300px;
}
/*----*/
.reg_img
{
height: 630px;
 margin-top: 0px;
 background-image: url("images/6.jpg");
}
.box2
 height: 585px;
 width: 400px;
 background-color: black;
 margin: 0px auto;
 opacity: .7;
 color: white;
 padding: 35px;
}
```

# **Connection.php**

```
<?php
$db=mysqli_connect("localhost","root","","library");
?>
```

```
<?php
session_start();
<!DOCTYPE html>
<html>
<head>
        <title>
        </title>
        <link rel="stylesheet" type="text/css" href="style.css">
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
 k rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
</head>
<body>
<nav class="navbar navbar-inverse">
   <div class="container-fluid">
     ul class="nav navbar-nav">
      <a href="index.php">HOME</a>
      <a href="books.php">BOOKS</a>
     <?php
      if(isset($_SESSION['login_user']))
      {?>
                                 ul class="nav navbar-nav">
         <a href="edit.php">Edit Profile</a>
        ul class="nav navbar-nav navbar-right">
         <a href="">
          <div style="color: cyan">
           <?php
            echo "Welcome ".$_SESSION['login_user']." - Student";
           ?>
          </div>
         </a>
         <a href="logout.php"><span class="glyphicon glyphicon-log-out"></a>
LOGOUT</span></a>
        <?php
      }
      else
      { ?>
       ul class="nav navbar-nav navbar-right">
        <a href="login.php"><span class="glyphicon glyphicon-log-in"> LOGIN</span></a>
```

```
<a href="signup.php"><span class="glyphicon glyphicon-user"> SIGN
UP</span></a>

</php
}
?>
</div>
</nav>
</body>
</html>
```

```
<?php
        include"connection.php";
        include"navbar.php";
?>
<!DOCTYPE html>
<html>
<head>
 <title>User Login</title>
 k rel="stylesheet" type="text/css" href="style.css">
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <link rel="stylesheet"</pre>
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
 <style type="text/css">
 section
   margin-top: -20px;
        .box1
{
        height:500px;
        width: 450px;
        background-color: black;
        margin: 70px auto;
        opacity: .8;
        color: white;
        padding: 20px;
label
{
        font-size:18px;
        font-weight:600;
}
 </style>
</head>
<body>
<section>
 <div class="log_img">
  <br>
  <div class="box1">
    <h1 style="text-align: center; font-size: 35px;font-family: Lucida Console;">University
Library</h1>
    <h1 style="text-align: center; font-size: 25px;">User Login</h1><br>
         <form name="login" action="" method="post">
          <b>Login as:</b>
                <input style="margin-left: 50px; width:18px;" type="radio" name="user"
id="admin" value="admin">
```

```
<label for="admin">Admin</label>
                <input style="margin-left: 50px; width:18px;"
                                                                type="radio" name="user"
id="student" value="student" checked="">
          <label for="student">Student</label>
    <div class="login">
     <input class="form-control" type="text" name="username" placeholder="Username"
required=""> <br>
     <input class="form-control" type="password" name="password" placeholder="Password"
required=""> <br>
     <input class="btn btn-default" type="submit" name="submit" value="Login" style="color:</pre>
black; width: 70px; height: 30px">
                </div>
   <br><br>>
    <a style="color: white;" href="signup.php">Sign Up</a>
   </form>
  </div>
 </div>
</section>
         <?php
  if(isset($_POST['submit']))
         if($_POST['user']=='admin')
         {
                 $count=0;
                 $res=mysqli_query($db,"SELECT * FROM `admin` WHERE
username='$_POST[username]' && password='$_POST[password]';");
                 $count=mysqli_num_rows($res);
                 if($count==0)
                 {
                        ?>
                                 <script type="text/javascript">
                                        alert("The username or password doesn't match");
                                 </script>
                        <?php
                 }
                 else
                 {
                        $ SESSION['login user'] = $ POST['username'];
                         <script type="text/javascript">
                                window.location="admin/index.php"
                         </script>
                        <?php
                 }
         }
         else
```

```
{
                 $count=0;
                 $res=mysqli_query($db,"SELECT * FROM `student` WHERE
username='$_POST[username]' && password='$_POST[password]';");
                 $count=mysqli_num_rows($res);
                 if($count==0)
                 {
                         ?>
                                  <script type="text/javascript">
                                         alert("The username or password doesn't match");
                                  </script>
                         <?php
                 }
                 else
                 {
                         $_SESSION['login_user'] = $_POST['username'];
                          <script type="text/javascript">
                                 window.location="student/index.php"
                          </script>
                         <?php
                 }
         }
 }
 ?>
</body>
</html>
```

# logout.php

```
<?php
    session_start();
    if(isset($_SESSION['login_user']))
    {
        unset($_SESSION['login_user']);
    }
    header("location:index.php");
?>
```

# signup.php

```
<?php
        include"connection.php";
        include"navbar.php";
?>
<!DOCTYPE html>
<html>
<head>
 <title>Student Registration</title>
 <link rel="stylesheet" type="text/css" href="style.css">
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <link rel="stylesheet"</pre>
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<style type="text/css">
  section
  {
   margin-top: -20px;
         height:630px;
         width:1350;
         background-image: url("images/6.jpg");
         background-repeat:no-repeat;
  }
        .box
        {
                height:400px;
                width: 450px;
                background-color: black;
                margin: 0px auto;
                opacity: .8;
                color: white;
                padding: 20px;
                padding-top:150px;
        }
        label
        {
                font-weight:600;
                font-size:18px;
        }
 </style>
</head>
<body>
<section> <br><br><br><br>
        <div class="box">
                <form name="signup" action="" method="post">
          <b>Sign Up</b>
                <input style="margin-left: 50px; width:18px;" type="radio" name="user"
id="admin" value="admin">
                <label for="admin">Admin</label>
```

```
<input style="margin-left: 50px; width:18px;"
                                                                   type="radio" name="user"
id="student" value="student" checked="">
          <label for="student">Student/label>&nbsp &nbsp &nbsp &nbsp
                 <button class="btn btn-default" type="submit" name="submit1"</pre>
                 style="color:black; font-weight:700; width:70px; height:30px; ">Ok</button>
                 </form>
        </div>
        <?php
         if (isset($_POST['submit1']))
         {
                 if($_POST['user']=='admin')
                 {
                  ?>
                         <script type="text/javascript">
                                  window.location="admin/signup.php"
                         </script>
                         <?php
                }
                 else
                 {
                  ?>
                         <script type="text/javascript">
                                  window.location="student/signup.php"
                         </script>
                         <?php
                 }
         }
        ?>
</section>
</body>
```

```
<?php
include "connection.php";
include "navbar.php";
<!DOCTYPE html>
<html>
<head>
       <title>Books</title>
</head>
<body>
      <h2>List Of Books</h2>
      <?php
             $res=mysqli_query($db,"SELECT * FROM `books` ORDER BY
`books`.`publication_year` ASC;");
             echo "";
                    echo "";
                           echo ""; echo "ISBN"; echo "";
                           echo ""; echo "Book-Name"; echo "";
                           echo ""; echo "Authors Name"; echo "";
                           echo ""; echo "PUBLICATION YEAR"; echo "";
                           echo ""; echo "Status"; echo "";
                           echo ""; echo "Quantity"; echo "";
                           echo ""; echo "Department"; echo "";
                    echo "";
                    while($row=mysqli_fetch_assoc($res))
                    {
                           echo "";
                           echo ""; echo $row['ISBN']; echo "";
                           echo ""; echo $row['name']; echo "";
                           echo ""; echo $row['author']; echo "";
                           echo ""; echo $row['publication_year']; echo "";
                           echo ""; echo $row['status']; echo "";
                           echo ""; echo $row['quantity']; echo "";
                           echo ""; echo $row['department']; echo "";
                           echo "";
             echo ""
      ?>
</body>
</html>
```



index.php style.css logout.php connection.php (prev code)

### navbar.php

```
<?php
session_start();
?>
<!DOCTYPE html>
<html>
<head>
        <title>
        </title>
        <link rel="stylesheet" type="text/css" href="style.css">
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
 k rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
</head>
<body>
<nav class="navbar navbar-inverse">
   <div class="container-fluid">
     ul class="nav navbar-nav">
      <a href="index.php">HOME</a>
      <a href="books.php">BOOKS</a>
     <?php
```

```
if(isset($_SESSION['login_user']))
     <?>
       <a href="edit.php">Edit Profile</a>
                            <a href="edit_book.php">Edit book</a>
      ul class="nav navbar-nav navbar-right">
       <a href="">
        <div style="color: cyan">
         <?php
          echo "Welcome ".$_SESSION['login_user']." - Admin";
         ?>
        </div>
       </a>
       <a href="logout.php"><span class="glyphicon glyphicon-log-out"></a>
LOGOUT</span></a>
      <?php
     }
     else
     { ?>
      <a href="admin_login.php"><span class="glyphicon glyphicon-log-in"></a>
LOGIN</span></a>
      <a href="signup.php"><span class="glyphicon glyphicon-user"> SIGN</a>
UP</span></a>
      <?php
    ?>
  </div>
 </nav>
</body>
</html>
```

```
<?php
        include"connection.php";
        include"navbar.php";
?>
<!DOCTYPE html>
<html>
<head>
 <title>Admin Login</title>
 <link rel="stylesheet" type="text/css" href="style.css">
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <link rel="stylesheet"</pre>
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
 <style type="text/css">
 section
  {
   margin-top: -20px;
 </style>
</head>
<body>
<section>
 <div class="log_img">
  <br>
  <div class="box1">
    <h1 style="text-align: center; font-size: 35px;font-family: Lucida Console;">University
Library</h1>
    <h1 style="text-align: center; font-size: 25px;">Student Login</h1><br>
   <form name="login" action="" method="post">
    <div class="login">
     <input class="form-control" type="text" name="username" placeholder="Username"
required=""> <br>
     <input class="form-control" type="password" name="password" placeholder="Password"</p>
required=""> <br>
     <input class="btn btn-default" type="submit" name="submit" value="Login" style="color:</pre>
black; width: 70px; height: 30px">
                </div>
   <a style="color: white;" href="signup.php">Sign Up</a>
   </form>
  </div>
 </div>
</section>
         <?php
  if(isset($ POST['submit']))
```

```
$count=0;
   $res=mysqli_query($db,"SELECT * FROM `admin` WHERE username='$_POST[username]' &&
password='$_POST[password]';");
   $count=mysqli_num_rows($res);
   if($count==0)
  ;>
       <script type="text/javascript">
        alert("The username or password doesn't match");
       </script>
    <?php
   }
   else
    $_SESSION['login_user'] = $_POST['username'];
     <script type="text/javascript">
      window.location="index.php"
     </script>
    <?php
  }
 ?>
</body>
</html>
```

```
<?php
        include"connection.php";
        include"navbar.php";
?>
<!DOCTYPE html>
<html>
<head>
 <title>Admin Registration</title>
 k rel="stylesheet" type="text/css" href="style.css">
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <link rel="stylesheet"</pre>
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<style type="text/css">
  section
  {
   margin-top: -20px;
 </style>
</head>
<body>
<section>
 <div class="reg_img">
  <div class="box2">
    <h1 style="text-align: center; font-size: 35px;font-family: Lucida Console;">University
library</h1>
    <h1 style="text-align: center; font-size: 25px;">Admin Registration</h1>
   <form name="Registration" action="" method="post">
    <div class="login">
     <input class="form-control" type="text" name="first" placeholder="First Name" required="">
<br>
     <input class="form-control" type="text" name="last" placeholder="Last Name" required="">
<br>
                  <input class="form-control" type="text" name="phone" placeholder="Phone
number"><br>
                  <input class="form-control" type="text" name="email" placeholder="Email"
required=""><br>
     <input class="form-control" type="text" name="username" placeholder="Username"
required=""> <br>
     <input class="form-control" type="password" name="password" placeholder="Password"
required=""> <br>
                  <input class="btn btn-default" type="submit" name="submit" value="Sign Up"
style="color: black; width: 75px; height: 30px">
                 </div>
         </form>
 </div>
</section>
         <?php
```

```
if(isset($_POST['submit']))
    $count=0;
    $sql="SELECT username from `admin`";
    $res=mysqli_query($db,$sql);
    while($row=mysqli_fetch_assoc($res))
     if($row['username']==$_POST['username'])
      $count=$count+1;
     }
    if($count==0)
     mysqli_query($db,"INSERT INTO `admin` VALUES(",'$_POST[first]', '$_POST[last]',
"\$_POST[phone]", "\$_POST[email]", "\$_POST[username]", "\$_POST[password]");");
                  ?>
                           <script type="text/javascript">
                           alert("Registration successful");
                           window.location="admin_login.php"
                           </script>
    <?php
    }
    else
    {
     ?>
      <script type="text/javascript">
       alert("The username already exist.");
      </script>
     <?php
   }
   }
  ?>
</body>
```

```
<?php
 include "connection.php";
 include "navbar.php";
<!DOCTYPE html>
<html>
<head>
         <title>Books</title>
         <meta name="viewport" content="width=device-width, initial-scale=1">
         <style type="text/css">
                 .srch
                 {
                          padding-left: 1000px;
                 }
                  body {
 font-family: "Lato", sans-serif;
 transition: background-color .5s;
}
.sidenav {
 height: 100%;
 margin-top: 50px;
 width: 0;
 position: fixed;
 z-index: 1;
 top: 0;
 left: 0;
 background-color: #222;
 overflow-x: hidden;
 transition: 0.5s;
 padding-top: 60px;
.sidenav a {
 padding: 8px 8px 8px 32px;
 text-decoration: none;
 font-size: 25px;
 color: #818181;
 display: block;
 transition: 0.3s;
.sidenav a:hover {
 color: #f1f1f1;
}
.sidenav .closebtn {
 position: absolute;
 top: 0;
 right: 25px;
 font-size: 36px;
 margin-left: 50px;
```

```
#main {
transition: margin-left .5s;
padding: 16px;
        </style>
</head>
<body>
                   ____sidenav____-->
        <div id="mySidenav" class="sidenav">
 <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a>
 <a href="books.php">Books</a>
 <a href="add.php">Add Book</a>
 <a href="late.php">Send Email To Late Borrowers</a>
</div>
<div id="main">
 <span style="font-size:30px;cursor:pointer" onclick="openNav()">&#9776; open</span>
<script>
function openNav() {
 document.getElementById("mySidenav").style.width = "300px";
 document.getElementById("main").style.marginLeft = "300px";
 document.body.style.backgroundColor = "rgba(0,0,0,0.4)";
}
function closeNav() {
 document.getElementById("mySidenav").style.width = "0";
 document.getElementById("main").style.marginLeft= "0";
document.body.style.backgroundColor = "white";
</script>
        <h2>List Of Books</h2>
        <?php
                if(isset($_POST['submit']))
                         $q=mysqli_query($db,"SELECT * from books where name like
'%$ POST[search]%' ");
                         if(mysqli_num_rows($q)==0)
                                 echo "Sorry! No book found ";
                }
                else
```

```
$res=mysqli_query($db,"SELECT * FROM `books` ORDER BY `books`.`ID`
ASC;");
             echo "";
                   echo "";
                          echo ""; echo "ID"; echo "";
                          echo ""; echo "ISBN"; echo "";
                          echo ""; echo "Book-Name"; echo "";
                          echo ""; echo "Authors Name"; echo "";
                          echo ""; echo "PUBLICATION YEAR"; echo "";
                          echo ""; echo "Status"; echo "";
                          echo ""; echo "Quantity"; echo "";
                          echo ""; echo "Department"; echo "";
                   echo "";
                   while($row=mysqli_fetch_assoc($res))
                   {
                          echo "";
                          echo ""; echo $row['ID']; echo "";
                          echo ""; echo $row['ISBN']; echo "";
                          echo ""; echo $row['name']; echo "";
                          echo ""; echo $row['author']; echo "";
                          echo ""; echo $row['publication year']; echo "";
                          echo ""; echo $row['status']; echo "";
                          echo ""; echo $row['quantity']; echo "";
                          echo ""; echo $row['department']; echo "";
                          echo "";
             echo "";
      ?>
</div>
</body>
</html>
```

```
<?php
 include "connection.php";
 include "navbar.php";
<!DOCTYPE html>
<html>
<head>
         <title>Books</title>
         <meta name="viewport" content="width=device-width, initial-scale=1">
         <style type="text/css">
                 .srch
                 {
                          padding-left: 1000px;
                  }
                  body {
 background-color: #a7d0e1;
 font-family: "Lato", sans-serif;
 transition: background-color .5s;
.sidenav {
 height: 100%;
 margin-top: 50px;
 width: 0;
 position: fixed;
 z-index: 1;
 top: 0;
 left: 0;
 background-color: #222;
 overflow-x: hidden;
 transition: 0.5s;
 padding-top: 60px;
.sidenav a {
 padding: 8px 8px 8px 32px;
 text-decoration: none;
 font-size: 25px;
 color: #818181;
 display: block;
 transition: 0.3s;
.sidenav a:hover {
 color: white;
}
.sidenav .closebtn {
 position: absolute;
 top: 0;
 right: 25px;
 font-size: 36px;
 margin-left: 50px;
```

```
#main {
transition: margin-left .5s;
 padding: 16px;
.book
  width: 400px;
  margin: 0px auto;
.form-control
 color: black;
height: 40px;
        </style>
</head>
<body>
                              __sidenav__
        <div id="mySidenav" class="sidenav">
 <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a>
 <a href="books.php">Books</a>
 <a href="add.php">Add Books</a>
 <a href="late.php">Send Email To Late Borrowers</a>
</div>
<div id="main">
 <span style="font-size:30px;cursor:pointer; color: black;" onclick="openNav()">&#9776;
open</span>
 <div class="container" style="text-align: center;">
  <h2 style="color:black; font-family: Lucida Console; text-align: center"><b>Add New
Books</b></h2>
  <form class="book" action="" method="post">
    <input type="text" name="ISBN" class="form-control" placeholder="Book ISBN"
required=""><br>
    <input type="text" name="name" class="form-control" placeholder="Book Name"
required=""><br>
    <input type="text" name="author" class="form-control" placeholder="Authors Name"</pre>
required=""><br>
    <input type="text" name="publication_year" class="form-control" placeholder=" Publication</pre>
Year" required=""><br>
    <input type="text" name="status" class="form-control" placeholder="Status" required=""><br>
```

```
<input type="text" name="quantity" class="form-control" placeholder="Quantity"
required=""><br>
    <input type="text" name="department" class="form-control" placeholder="Department"
required=""><br>
    <button style="text-align: center;" class="btn btn-default" type="submit"
name="submit">ADD</button>
  </form>
 </div>
<?php
  if(isset($_POST['submit']))
   if(isset($_SESSION['login_user']))
   mysgli query($db,"INSERT INTO books VALUES ('$ POST[ISBN]', '$ POST[name]',
'$_POST[author]', '$_POST[publication_year]', '$_POST[status]', '$_POST[quantity]',
'$_POST[department]');");
     <script type="text/javascript">
      alert("Book Added Successfully.");
                         window.location="books.php"
     </script>
    <?php
   }
   else
   {
    ?>
     <script type="text/javascript">
      alert("You need to login first.");
     </script>
    <?php
  }
?>
</div>
<script>
function openNav() {
 document.getElementById("mySidenav").style.width = "300px";
 document.getElementById("main").style.marginLeft = "300px";
 document.body.style.backgroundColor = "rgba(0,0,0,0.4)";
function closeNav() {
 document.getElementById("mySidenav").style.width = "0";
 document.getElementById("main").style.marginLeft= "0";
 document.body.style.backgroundColor = "#a7d0e1";
</script>
</body>
```

```
<?php
        include "navbar.php";
        include "connection.php";
<!DOCTYPE html>
<html>
<head>
        <title>edit profile</title>
        <style type="text/css">
                 .form-control
                 {
                         width:250px;
                         height: 38px;
                 }
                 .form1
                         margin:0 540px;
                label
                 {
                         color: black;
                 }
        </style>
</head>
<body style="background-color: #a7d0e1;">
        <h2 style="text-align: center;color: black;">update book details</h2>
        <div class="book_info" style="text-align: center;">
                 <span style="color: black;">Welcome,</span>
                 <h4 style="color: black;"><?php echo $_SESSION['login_user']; ?></h4>
        </div><br><br>
        <div class="form1">
                 <form action="" method="post" enctype="multipart/form-data">
                 <label><h4><b>Old ID: </b></h4></label>
                 <input class="form-control" type="text" name="ID">
                 <label><h4><b>ISBN: </b></h4></label>
                 <input class="form-control" type="text" name="ISBN">
                 <label><h4><b>Book Name: </b></h4></label>
                 <input class="form-control" type="text" name="name" >
                 <label><h4><b>Authors:</b></h4></label>
                 <input class="form-control" type="text" name="author">
                 <label><h4><b>publication year: </b></h4></label>
                 <input class="form-control" type="text" name="publication_year">
                 <label><h4><b>Status: </b></h4></label>
                 <input class="form-control" type="text" name="status">
                 <label><h4><b>quantity: </b></h4></label>
```

```
<input class="form-control" type="text" name="quantity">
                 <label><h4><b>department: </b></h4></label>
                 <input class="form-control" type="text" name="department">
                 <br>
                 <div style="padding-left: 100px;">
                         <button class="btn btn-default" type="submit"
name="submit">save</button></div>
        </form>
</div>
        <?php
                 if(isset($_POST['submit']))
                         $ID=$_POST['ID'];
                         $ISBN=$_POST['ISBN'];
                         $name=$_POST['name'];
                         $author=$_POST['author'];
                         $publication_year=$_POST['publication_year'];
                         $status=$ POST['status'];
                         $quantity=$ POST['quantity'];
                         $department=$_POST['department'];
                         $sql1= "UPDATE books SET ISBN='$ISBN', name='$name',
author='$author', publication_year='$publication_year', status='$status',
                         quantity='$quantity', department='$department' WHERE ID ='$ID';";
                                  /*$sql1= "UPDATE books
                                          SET name = 'Alfred Schmidt'
                                          WHERE ID = 1;";*/
                         if(mysqli_query($db,$sql1))
                                  ?>
                                          <script type="text/javascript">
                                                  alert("Saved Successfully.");
                                                   window.location="books.php";
                                          </script>
                                  <?php
                         }
                 }
        ?>
</body>
</html>
```

```
<?php
        include "navbar.php";
        include "connection.php";
<!DOCTYPE html>
<html>
<head>
        <title>edit profile</title>
         <style type="text/css">
                 .form-control
                 {
                          width:250px;
                          height: 38px;
                 }
                 .form1
                          margin:0 540px;
                 }
                 label
                 {
                          color: black;
                 }
         </style>
</head>
<body><br/>style="background-color: #a7d0e1;"></br>
        <h2 style="text-align: center;color: black;">Edit Information</h2>
        <?php
                 $sql = "SELECT * FROM `admin` WHERE username='$_SESSION[login_user]'";
                 $result = mysqli_query($db,$sql) or die (mysql_error());
                 while ($row = mysqli_fetch_assoc($result))
                 {
                          $first=$row['first'];
                          $last=$row['last'];
                          $phone=$row['phone'];
                          $email=$row['email'];
                          $username=$row['username'];
                          $password=$row['password'];
                 }
         ?>
        <div class="profile_info" style="text-align: center;">
                 <span style="color: black;">Welcome,</span>
                 <h4 style="color: black;"><?php echo $_SESSION['login_user']; ?></h4>
         </div><br><br>
         <div class="form1">
                 <form action="" method="post" enctype="multipart/form-data">
                 <label><h4><b>First Name: </b></h4></label>
                 <input class="form-control" type="text" name="first" value="<?php echo $first;</pre>
?>">
```

```
<label><h4><b>Last Name</b></h4></label>
                 <input class="form-control" type="text" name="last" value="<?php echo $last;
?>">
                 <label><h4><b>Phone number</b></h4></label>
                 <input class="form-control" type="text" name="phone" value="<?php echo
$phone; ?>">
                 <label><h4><b>Email</b></h4></label>
                 <input class="form-control" type="text" name="email" value="<?php echo $email;</pre>
?>">
                 <label><h4><b>Username</b></h4></label>
                 <input class="form-control" type="text" name="username" value="<?php echo
$username; ?>">
                 <label><h4><b>Password</b></h4></label>
                 <input class="form-control" type="text" name="password" value="<?php echo
$password; ?>">
                 <div style="padding-left: 100px;">
                         <button class="btn btn-default" type="submit"
name="submit">save</button></div>
        </form>
</div>
        <?php
                 if(isset($_POST['submit']))
                         $first=$_POST['first'];
                         $last=$_POST['last'];
                         $phone=$_POST['phone'];
                         $email=$_POST['email'];
                         $username=$_POST['username'];
                         $password=$_POST['password'];
                         $sql1= "UPDATE admin SET first='$first', last='$last', phone='$phone',
email='$email', username='$username', password='$password' WHERE
username='".$_SESSION['login_user']."';";
                         if(mysqli_query($db,$sql1))
                                 ?>
                                          <script type="text/javascript">
                                                  alert("Saved Successfully.");
                                                  window.location="books.php";
                                          </script>
                                 <?php
                         }
                }
        ?>
</body>
</html>
```

### late.php

```
<?php
 include "connection.php";
include "navbar.php";
?>
<!DOCTYPE html>
<html>
<head>
        <title>mails</title>
        <link rel="stylesheet" type="text/css" href="style.css">
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
  k rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
  <style type="text/css">
        body
        {
                          background-color: #a7d0e1;
        }
        .wrapper
                 padding: 10px;
                 margin: -20px auto;
                 width:1000px;
                 height: 600px;
                 color: black;
        .form-control
        {
                 height: 80px;
                 width: 60%;
        }
  </style>
</head>
<body>
        <div class="wrapper">
                 <h1 style="text-align: center; font-size: 25px;">Sending emails to late
borrowers</h1><br>
     <form style="" action="" method="post">
                  <input class="form-control" type="text" name="mail" placeholder="Write the
mail..." required=""> <br>
     <input class="form-control" type="text" name="message" placeholder="Write the Message..."</pre>
required=""> <br>
                        <input class="btn btn-default" type="submit" name="submit" value="Send"
style="color: black; width: 100px; height: 30px">
                 </form>
```

```
<br><br>
        <div class="scroll">
                 <?php
                         if(isset($_POST['submit']))
                         {
                                  $res=mysqli_query($db,$sql);
                                  mysqli_query($db,"INSERT INTO `mail` VALUES(",'$_POST[mail]',
'$_POST[message]');");
                                  ?>
                                  <script type="text/javascript">
                                          alert("the message has been sent");
                                          window.location="books.php"
                           </script>
                         <?php
                         }
                 ?>
        </div>
        </div>
</body>
</html>
```



index.php style.css logout.php connection.php (prev code)

### navbar.php

```
</head>
<body>
<nav class="navbar navbar-inverse">
  <div class="container-fluid">
    <a href="index.php">HOME</a>
     <a href="books.php">BOOKS</a>
    <?php
     if(isset($_SESSION['login_user']))
                    <a href="edit.php">Edit Profile</a>
      ul class="nav navbar-nav navbar-right">
       <a href="">
        <div style="color: cyan">
         <?php
          echo "Welcome ".$_SESSION['login_user']." - Student";
         ?>
        </div>
       </a>
       <a href="logout.php"><span class="glyphicon glyphicon-log-out"></a>
LOGOUT</span></a>
      <?php
     }
     else
     <a href="../login.php"><span class="glyphicon glyphicon-log-in"></a>
LOGIN</span></a>
      <a href="signup.php"><span class="glyphicon glyphicon-user"> SIGN
UP</span></a>
      <?php
    }
    ?>
  </div>
 </nav>
</body>
</html>
```

```
<?php
        include"connection.php";
        include"navbar.php";
?>
<!DOCTYPE html>
<html>
<head>
 <title>Admin Registration</title>
 k rel="stylesheet" type="text/css" href="style.css">
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <link rel="stylesheet"</pre>
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<style type="text/css">
  section
  {
   margin-top: -20px;
 </style>
</head>
<body>
<section>
 <div class="reg_img">
  <div class="box2">
    <h1 style="text-align: center; font-size: 35px;font-family: Lucida Console;">University
library</h1>
    <h1 style="text-align: center; font-size: 25px;">Admin Registration</h1>
   <form name="Registration" action="" method="post">
    <div class="login">
     <input class="form-control" type="text" name="first" placeholder="First Name" required="">
<br>
     <input class="form-control" type="text" name="last" placeholder="Last Name" required="">
<br>
                  <input class="form-control" type="text" name="phone" placeholder="Phone
number"><br>
                  <input class="form-control" type="text" name="email" placeholder="Email"
required=""><br>
     <input class="form-control" type="text" name="username" placeholder="Username"
required=""> <br>
     <input class="form-control" type="password" name="password" placeholder="Password"
required=""> <br>
                  <input class="btn btn-default" type="submit" name="submit" value="Sign Up"
style="color: black; width: 75px; height: 30px">
                 </div>
         </form>
 </div>
</section>
         <?php
```

```
if(isset($_POST['submit']))
    $count=0;
    $sql="SELECT username from `admin`";
    $res=mysqli_query($db,$sql);
    while($row=mysqli_fetch_assoc($res))
     if($row['username']==$_POST['username'])
      $count=$count+1;
     }
    if($count==0)
     mysqli_query($db,"INSERT INTO `admin` VALUES(",'$_POST[first]', '$_POST[last]',
"\$_POST[phone]", "\$_POST[email]", "\$_POST[username]", "\$_POST[password]");");
                  ?>
                           <script type="text/javascript">
                           alert("Registration successful");
                           window.location="admin_login.php"
                           </script>
    <?php
    }
    else
    {
     ?>
      <script type="text/javascript">
       alert("The username already exist.");
      </script>
     <?php
   }
   }
  ?>
</body>
```

```
<?php
include "connection.php";
include "navbar.php";
<!DOCTYPE html>
<html>
<head>
       <title>Books</title>
</head>
<body>
      <h2>List Of Books</h2>
      <?php
             $res=mysqli_query($db,"SELECT * FROM `books` ORDER BY
`books`.`publication_year` ASC;");
             echo "";
                    echo "";
                           echo ""; echo "ISBN"; echo "";
                           echo ""; echo "Book-Name"; echo "";
                           echo ""; echo "Authors Name"; echo "";
                           echo ""; echo "PUBLICATION YEAR"; echo "";
                           echo ""; echo "Status"; echo "";
                           echo ""; echo "Quantity"; echo "";
                           echo ""; echo "Department"; echo "";
                    echo "";
                    while($row=mysqli_fetch_assoc($res))
                    {
                           echo "";
                           echo ""; echo $row['ISBN']; echo "";
                           echo ""; echo $row['name']; echo "";
                           echo ""; echo $row['author']; echo "";
                           echo ""; echo $row['publication_year']; echo "";
                           echo ""; echo $row['status']; echo "";
                           echo ""; echo $row['quantity']; echo "";
                           echo ""; echo $row['department']; echo "";
                           echo "";
             echo ""
      ?>
</body>
</html>
```

```
<?php
        include "navbar.php";
        include "connection.php";
<!DOCTYPE html>
<html>
<head>
        <title>edit profile</title>
         <style type="text/css">
                 .form-control
                 {
                          width:250px;
                          height: 38px;
                 }
                 .form1
                          margin:0 540px;
                 label
                          color: black;
                 }
         </style>
</head>
<body><br/>style="background-color: #a7d0e1;"></br>
        <h2 style="text-align: center;color: black;">Edit Information</h2>
        <?php
                 $sql = "SELECT * FROM `student` WHERE username='$_SESSION[login_user]'";
                 $result = mysqli_query($db,$sql) or die (mysql_error());
                 while ($row = mysqli_fetch_assoc($result))
                 {
                          $first=$row['first'];
                          $last=$row['last'];
                          $phone=$row['phone'];
                          $email=$row['email'];
                          $username=$row['username'];
                          $password=$row['password'];
                 }
         ?>
        <div class="profile_info" style="text-align: center;">
                 <span style="color: black;">Welcome,</span>
                 <h4 style="color: black;"><?php echo $_SESSION['login_user']; ?></h4>
         </div><br><br>
         <div class="form1">
                 <form action="" method="post" enctype="multipart/form-data">
                 <label><h4><b>First Name: </b></h4></label>
                 <input class="form-control" type="text" name="first">
```

```
<label><h4><b>Last Name</b></h4></label>
                 <input class="form-control" type="text" name="last">
                 <label><h4><b>Phone number</b></h4></label>
                 <input class="form-control" type="text" name="phone">
                 <label><h4><b>Email</b></h4></label>
                 <input class="form-control" type="text" name="email">
                 <label><h4><b>Username</b></h4></label>
                 <input class="form-control" type="text" name="username">
                 <label><h4><b>Password</b></h4></label>
                 <input class="form-control" type="text" name="password">
                 <br>
                 <div style="padding-left: 100px;">
                         <button class="btn btn-default" type="submit"
name="submit">save</button></div>
        </form>
</div>
        <?php
                if(isset($_POST['submit']))
                         $first=$_POST['first'];
                         $last=$_POST['last'];
                         $phone=$_POST['phone'];
                         $email=$_POST['email'];
                         $username=$ POST['username'];
                         $password=$_POST['password'];
                         $sql1= "UPDATE student SET first='$first', last='$last', phone='$phone',
email='$email', username='$username', password='$password' WHERE
username="".$_SESSION['login_user']."";";
                         if(mysqli_query($db,$sql1))
                                 ?>
                                          <script type="text/javascript">
                                                  alert("Saved Successfully.");
                                                  window.location="books.php";
                                          </script>
                                 <?php
                         }
                }
</body>
</html>
```

# **Chapter 3: Project Output**

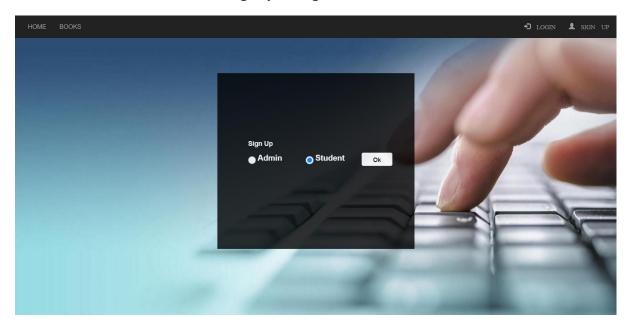
Index-before-login Page



Index-after-login Page



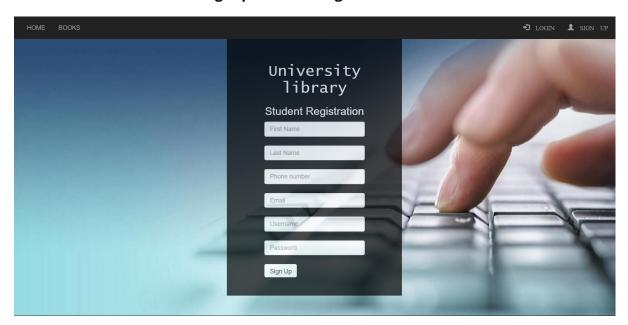
Signup-1 Page



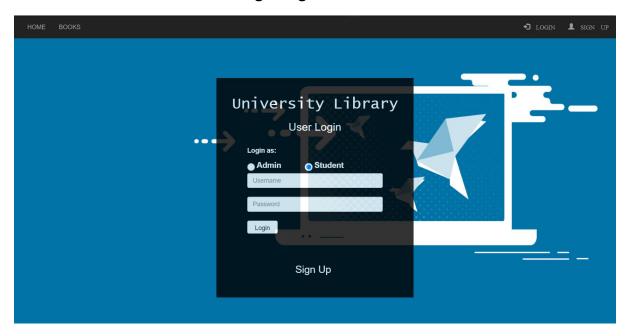
Signup-Admin Page



### **Signup-Student Page**



**Login Page** 



# **Books-Admin Page**

HOME BOOKS Edit Profile Edit book Welcome manuan25235 - Admin 🕒 LOGOUT

### $\equiv$ open

#### List Of Books

ID	ISBN	Book-Name	Authors Name	PUBLICATION YEAR	Status	Quantity	Department
1	2147483647	Code: The Hidden Language of Computer Hardware and Software	Charles Petzold	1999	available	10	CS
2	1780735605	Structure and Interpretation of Computer Programs	Gerald Jay Sussman- Hal Abelson	1979	available	5	CS
3	1125735605	Gödel, Escher, Bach: an Eternal Golden Braid	Douglas Hofstadter	1979	available	3	CS
4	1537735605	Linear algebra done right	Sheldon Axler	1995	available	7	Mathematics
5	1541483647	Abstract Algebra	David Steven Dummit - Richard M. Foote	1991	available	8	Mathematics
6	2037483647	Discrete Mathematics: An Open Introduction	Oscar Levin	2015	available	7	CS-Mathematics
7	1800082184	The Hidden Life of Trees: What They Feel, How They Communicate – Discoveries from a Secret World	Peter Wohlleben	2015	available	20	biology

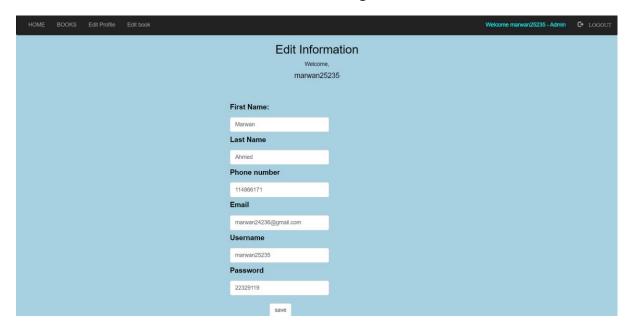
# **Books-Student Page**

HOME BOOKS Edit Profile Welcome manwan159 - Student C+ LOGOUT

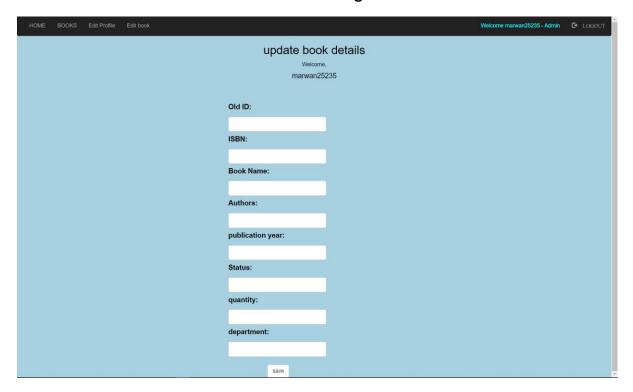
#### List Of Books

ISBN	Book-Name	Authors Name	PUBLICATION YEAR	Status	Quantity	Department
1780735605	Structure and Interpretation of Computer Programs	Gerald Jay Sussman- Hal Abelson	1979	available	5	CS
1125735605	Gödel, Escher, Bach: an Eternal Golden Braid	Douglas Hofstadter	1979	available	3	cs
1541483647	Abstract Algebra	David Steven Dummit - Richard M. Foote	1991	available	8	Mathematics
1537735605	Linear algebra done right	Sheldon Axler	1995	available	7	Mathematics
2147483647	Code: The Hidden Language of Computer Hardware and Software	Charles Petzold	1999	available	10	CS
2037483647	Discrete Mathematics: An Open Introduction	Oscar Levin	2015	available	7	CS-Mathematics
1800082184	The Hidden Life of Trees: What They Feel, How They Communicate – Discoveries from a Secret World	Peter Wohlleben	2015	available	20	biology

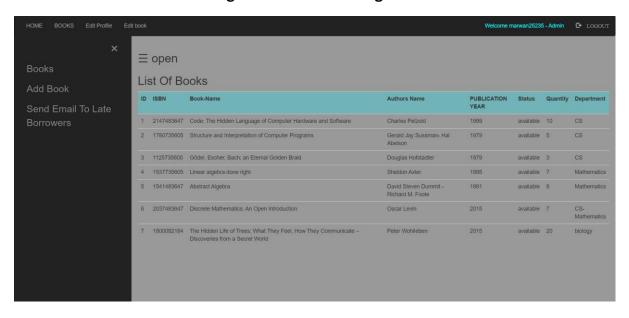
#### **Edit Profile Page**



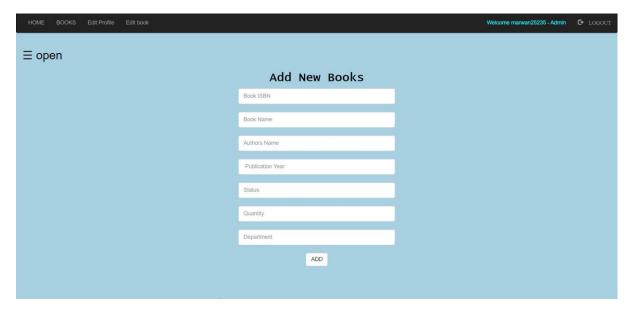
### **Edit Book Page**



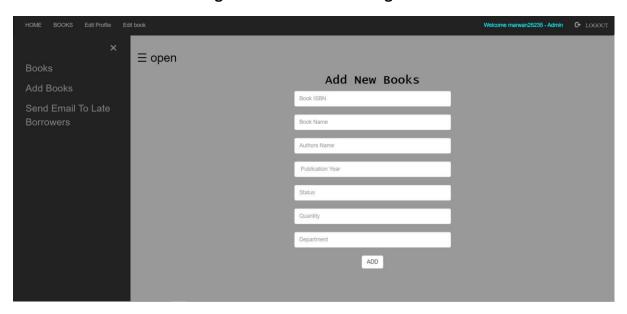
# Side navigation bar-Admin Page



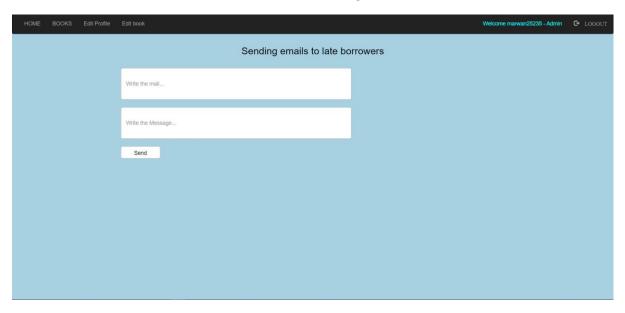
#### Add book-Admin Page



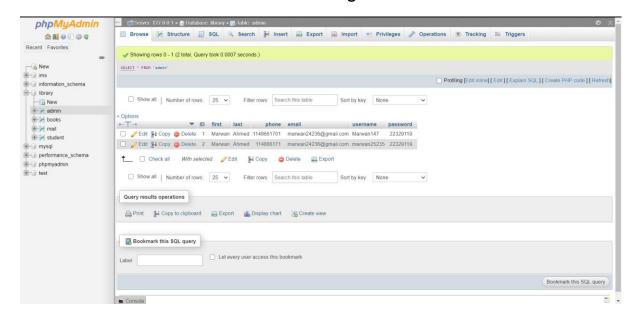
### Side navigation bar-Add book Page



### Send email-Add book Page



#### **Date Base-Admin Page**



#### **Date Base-Books Page**

