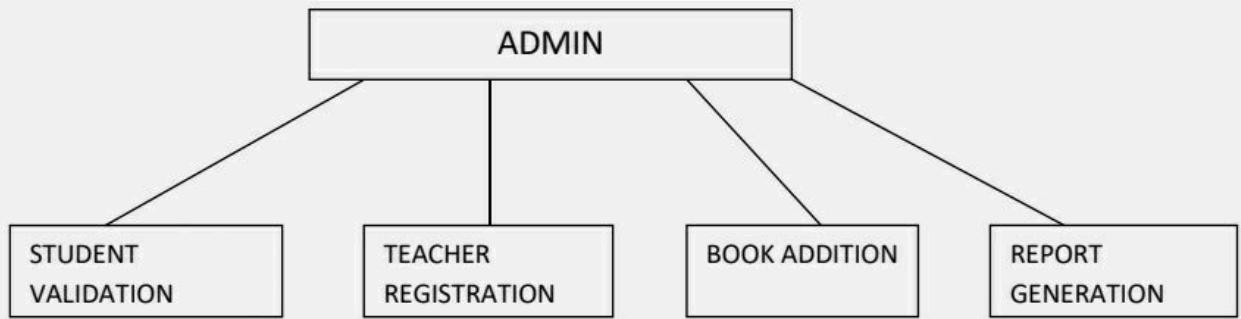


4.1 MODULE DESCRIPTION

For Library Management System it is divided into the following Modules:

4.1.1 Admin Module



The following module contains various facilities like student validation, teacher registration, book addition, and report generation.

4.1.1.1 Code for Admin module

4.1.1.1 Code for entering admin username and password

```
<?php
    //Start session
    session_start();
    //Unset the variables stored in session
    unset($_SESSION['SESS_FIRST_NAME']);
    unset($_SESSION['SESS_LAST_NAME']);
?>
<!DOCTYPE html>
<html xml:lang="EN" lang="EN" dir="ltr">
<head>
<title>SOE LIBRARY INFORMATION SYSTEM</title>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<meta http-equiv="imagetoolbar" content="no" />
<link rel="stylesheet" href="../styles/layout.css" type="text/css" />
<!-- Homepage Specific Elements -->
<script type="text/javascript" src="../scripts/jquery-1.4.1.min.js"></script>
<script type="text/javascript" src="../scripts/jquery-ui-1.7.2.custom.min.js"></script>
<script type="text/javascript" src="../scripts/jquery.tabs.setup.js"></script>
<!-- End Homepage Specific Elements -->
</head>
<body id="top">
<div class="wrapper row1">
    <div id="header" class="clear">
        <div class="fl_left">
```

```
<h1><a href="homepage.php">SOE LIBRARY MANAGEMENT  
SYSTEM</a></h1>  
<p></p>  
</div>  
<div class="fl_right">  
<ul>  
<li><a href="http://localhost/xampp/project/library/homepage.php">Home</a></li>  
<li><a href="http://localhost/xampp/project/library/contact>Contactus.php">Contact  
Us</a></li>  
<li><a href="http://localhost/xampp/project/library/egateway/egateway.php">E-  
Gateway</a></li>  
<li><a href="http://localhost/xampp/project/library/studentlogin/studentlogin.php">Student  
Login</a></li>  
<li><a href="teacherlogin.php">Teacherlogin</a></li>  
<li><a href="admin/adminlogin.php">Adminlogin</a></li>  
</ul>  
<form action="#" method="post" id="sitesearch">  
<fieldset>  
<strong>Search:</strong>  
<input type="text" value="Search Our website for books;"  
onfocus="this.value=(this.value=='Search Our website for books;')? '' : this.value ;" />  
<input type="image" src="../images/search.gif" id="search" alt="Search" />  
</fieldset>  
</form>  
</div>  
</div>  
</div>  
<!--  
##### -->  
##### -->  
<div class="wrapper row2">  
<div class="rnd">  
<!-- ##### -->  
<div id="topnav">  
<ul>  
<li class="active"><a href="http://localhost/xampp/project/library/homepage.php">Home</a></li>  
<li><a href="http://localhost/xampp/project/library/newarrivals.php">New  
Arrivals</a></li>  
<li><a href="http://localhost/xampp/project/library/onlinebooks.php">Online  
Books</a></li>
```

```
<li><a href="http://localhost/xampp/project/library/egallery.php">E  
Gallery</a></li>  
<li><a href="http://localhost/xampp/project/library/questionpaper.php">Question  
Paper</a></li>  
<li><a href="http://localhost/xampp/project/library/aboutus.php">About  
Us</a></li>  
<li><a href="http://localhost/xampp/project/library/bookissue.php">Book Issue  
</a></li>  
    <li class="last"><a href="#"></a></li>  
</ul>  
</div>  
<!-- ##### --&gt;<br/></div>  
</div>  
<!--  
#####-->  
#####-->  
<div class="wrapper">  
    <div id="featured_slide" class="clear">  
        <!-- ##### -->  
        <div class="overlay_left"></div>  
        <div id="featured_content">  
            <div class="featured_box" id="fc1">  
            <div class="floater">  
                <h2>All ABOUT SOE LIBRARY</h2>  
                <p>School oF Engineering Library or the S.O.E library is one of the finest library  
in kerela having a good collection of books related to various subjects</p>  
                <p class="readmore"><a href="#">Continue Reading &raquo;</a></p>  
            </div>  
        </div>  
        <div class="featured_box" id="fc2">  
            <div class="floater">  
                <h2>Existence</h2>  
                <p>School oF Engineering library came into existence in year 1995 and from then  
on it has been a premier source of information for college students</p>  
                <p class="readmore"><a href="#">Continue Reading &raquo;</a></p>  
            </div>  
        </div>  
        <div class="featured_box" id="fc3">  
            <div class="floater">  
                <h2>Collection</h2>  
                <p>School of Engineering Library has a collection of over 25000 books related to  
various subjects in engineering</p>
```

```
<p class="readmore"><a href="#">Continue Reading &raquo;</a></p>
</div>
</div>
<div class="featured_box" id="fc4">
<div class="floater">
<h2>E-Repository</h2>
<p>School oF Engineering Library has a collection of 6000 cds and 2800 online journals and also has a section where teachers upload their lectures notes and student can download them.</p>
<p class="readmore"><a href="#">Continue Reading &raquo;</a></p>
</div>
</div>
<div class="featured_box" id="fc5">
<div class="floater">
<h2>Latest News and events</h2>
<p></p>
<p class="readmore"><a href="#">Click here to go to latest news page;</a></p>
</div>
</div>
</div>
<ul id="featured_tabs">
<li><a href="#fc1">All About The Library</a></li>
<li><a href="#fc2">Existence</a></li>
<li><a href="#fc3">Collection of Books</a></li>
<li><a href="#fc4">E-Repository</a></li>
<li class="last"><a href="#fc5">Latest News & Events</a></li>
</ul>
<div class="overlay_right"></div>
<!-- ##### -->
</div>
</div>

<!--
#####
##### -->
<div class="wrapper row3">
<div class="rnd">
<div id="container" class="clear">
<!--
#####
##### -->
<div id="homepage" class="clear">
<!-- ##### -->
<div id="left_column">
```

```
<h2>Sugeestion</h2>
<div class="imgholder"><a href="#"></a></div>
<h2>Book request</h2>
<div class="imgholder"><a href="#"></a></div>
<h2>Account creation</h2>
<div class="imgholder"><a href="#"></a></div>
<h2>Photos</h2>
<div class="imgholder"><a href="#"></a></div>
</div>
<!-- ##### -->
<div id="latestnews">
<h2>Pls enter username and password to login</h2>
<table>
<form action="checklogin.php" method="post"><br><br>
Username:<input name="username" type="text" maxlength="12"><br><br>
Password:<input name="password" type="password" maxlength="12">
<input name="submit" type="submit">
</form>
</table>

</div>
<!-- ##### -->

<!-- ##### -->
</div>
<!--
#####
#####
-->
<!--
#####
#####
-->
<div id="academiclinks" class="clear">
<h2>Quickly Find What You Are Looking For</h2>
<div class="linkbox">
<ul>
<li><a href="http://localhost/xampp/project/library/homepage.php">&raquo;
Home</a></li>
<li><a href="http://localhost/xampp/project/library/studentlogin.php">&raquo;
Student Login</a></li>
<li><a href="teacherlogin.php">&raquo; Teacher Login</a></li>
<li><a href="http://localhost/xampp/project/library/adminlogin.php">&raquo;
Adminlogin</a></li>
```

```
<li><a href="http://localhost/xampp/project/library/newarrival.php">&raquo;  
New Arrivals</a></li>  
<li><a href="http://localhost/xampp/project/library/onlinebooks.php">&raquo;  
Online Books</a></li>  
<li><a href="http://localhost/xampp/project/library/egallery.php">&raquo; E-  
Gallery</a></li>  
<li><a href="http://localhost/xampp/project/library/aboutus.php">&raquo;  
About Us</a></li>  
<li><a href="http://localhost/xampp/project/library/contactus.php">&raquo;  
Contact Us</a></li>  
<li><a href="http://localhost/xampp/project/library/questionpaper.php">&raquo;  
Question Papers</a></li>  
<li><a href="http://localhost/xampp/project/library/latestnews.php">&raquo;  
Latest Events & News</a></li>  
</ul>  
</div>  
  
<!--  
#####
##### -->  
</div>  
</div>  
</div>  
<!--  
#####
##### -->  
  
<!--  
#####
##### -->  
<div class="wrapper">  
<div id="copyright" class="clear">  
<p class="fl_left">Copyright &copy; 2014 - All Rights Reserved for SOE  
LIBRARY-</p>  
</div>  
</div>  
</body>  
</html>
```

4.1.1.2 Code for checking of admin username and password information

```
<?php  
    session_start();  
    $host="localhost"; // Host name  
    $username="root"; // Mysql username  
    $password=""; // Mysql password
```

```
$db_name="admin"; // Database name
$tbl_name="adminlogin"; // Table name

// Connect to server and select database.
mysql_connect("$host", "$username", "$password")or die("cannot connect");
mysql_select_db("$db_name")or die("cannot select DB");

// username and password sent from form
$myusername=$_POST['username'];
$mypassword=$_POST['password'];
$sql="SELECT * FROM $tbl_name WHERE username='$myusername' and
password='$mypassword'";
$result=mysql_query($sql);

// Mysql_num_row is counting table row
$count=mysql_num_rows($result);

// If result matched $myusername and $mypassword, table row must be 1 row

if($count>0)
{
    session_regenerate_id();
$member = mysql_fetch_assoc($result);
$_SESSION['SESS_FIRST_NAME'] = $member['username'];
$_SESSION['SESS_LAST_NAME'] = $member['password'];
session_write_close();
header("location: adminlogin1.php");
exit();
} else {
//Login failed
$errmsg_arr[] = 'user name and password not found';
$errflag = true;
if($errflag) {
$_SESSION['ERRMSG_ARR'] = $errmsg_arr;
session_write_close();
header("location: adminlogin.php");
exit();
}
}
?>
```

4.1.1.3 Code for student validation

```
<?php
require '../include/connection.php';
$result = mysqli_query($con,"SELECT * FROM student");
while($row = mysqli_fetch_array($result))
{
    $libid=$row['libid'] ;
```

```
$regno= $row['regno'] ;
$name= $row['stuname'] ;
$branch= $row['branch'] ;
$semester= $row['semester'] ;
$section= $row['section'] ;
$yearofadm= $row['yearofadm'];
$email=$row['email'];
$username= $row['username'];
$password= $row['password'];
}
mysqli_close($con);
?>
<?php
require '../include/connection1.php';
$admin="admin@soelibrary.com";
$sql="INSERT INTO student(Libid,regno,stuname,branch,semester,section,yearofadm)
VALUES
('{$libid}', '{$regno}', '{$name}', '{$branch}', '{$semester}', '{$section}', '{$yearofadm}');
$result="INSERT INTO studentlogin(logid,username,password,numbooks)
VALUES
('{$libid}', '{$username}', '{$password}', '')";
if(!mysqli_query($connection,$sql))
{
die('Error1: ' . mysqli_error($connection));
}
else if (!mysqli_query($connection,$result))
{
die('Error2: ' . mysqli_error($connection));
}
else
mail($email,"registrationdetails","you are registered pls login with ur email id and
password","From: $admin\n");
echo"added 1 record";
mysqli_close($connection);
?>
<?php
require '../include/connection.php';
$result = mysqli_query($con,"SELECT * FROM student");
while($row = mysqli_fetch_array($result))
{
$libid=$row['libid'] ;
$regno= $row['regno'] ;
$name= $row['stuname'] ;
$branch= $row['branch'] ;
$semester= $row['semester'] ;
$section= $row['section'] ;
```

```
$yearofadm= $row['yearofadm'];
$email=$row['email'];
$username= $row['username'];
$password= $row['password'];
}
$sql=mysqli_query($con,"DELETE FROM student WHERE libid='$libid'");
mysqli_close($con);
?>
```

4.1.1.4 Code For teacher registration

```
<?php
$con=mysqli_connect("localhost","root","rahul#1991","library");
// Check connection
if(mysqli_connect_errno())
{
echo "Failed to connect to MySQL: " . mysqli_connect_error();
}
$loginid=$_POST['teacherid'];
$username=$_POST['username'];
$password=$_POST['password'];
$teachername=$_POST['teachername'];
$designation=$_POST['designation'];
$branch=$_POST['branch'];
$contactno=$_POST['contact'];
$lecture="";
$sql="INSERT INTO teacher (Tid, name, designation, branch, contactno,lectures)
VALUES
( $loginid,$teachername,$designation,$branch,$contactno,$lecture)";
$tql="INSERT INTO teacherlogin ($loginid,$username,$password)
VALUES
( $loginid,$username, $password)";
if (!mysqli_query($con,$sql))
{
echo "error";
}
if (!mysqli_query($con,$tql))
{
echo "error1";
}
echo "successss";

mysqli_close($con);
```

?>

4.1.1.5 Code for book addition

```
<?php
$con=mysqli_connect("localhost","root","","library");
// Check connection
if(mysqli_connect_errno())
{
    echo "Failed to connect to MySQL: " . mysqli_connect_error();
}

$sql="INSERT INTO books (code, bookname, author, publication, subject,
numberofbooks)
VALUES
('$_POST[bookid]','$_POST[bookname]','$_POST[author]','$_POST[publication]','$_P
OST[subject]','$_POST[numberofbooks]')";

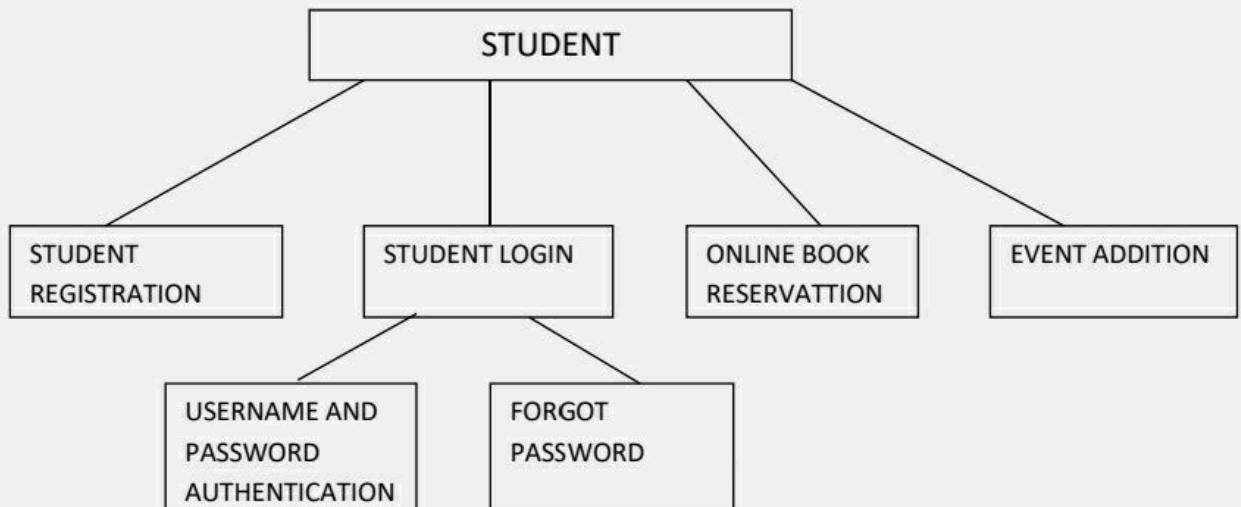
if(!mysqli_query($con,$sql))
{
    echo "error";
}
echo "successs";

mysqli_close($con);
?>
<?php
$con=mysqli_connect("localhost","root","","admin");
// Check connection
if(mysqli_connect_errno())
{
    echo "Failed to connect to MySQL: " . mysqli_connect_error();
}

$sql="INSERT INTO newarrivals (code, bookname, author, publication, subject,
numberofbooks,arrivedate)
VALUES
('$_POST[bookid]','$_POST[bookname]','$_POST[author]','$_POST[publication]','$_P
OST[subject]','$_POST[numberofbooks]','$_POST[arrivedate]')";

if(!mysqli_query($con,$sql))
{
    echo "error";
}
echo "successs";
mysqli_close($con);
```

4.1.2 Student Module



The following module contains various facilities like student registration, student login, online book reservation, and event addition. Any student if at any moment forgets his password he can retrieve it from forgot password option.

4.1.2.1 Code For Student account creation

```
<!DOCTYPE html>
<html xml:lang="EN" lang="EN" dir="ltr">
<head>
<title>SOE LIBRARY INFORMATION SYSTEM</title>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<meta http-equiv="imagetoolbar" content="no" />
<link rel="stylesheet" href="../styles/layout.css" type="text/css" />
<!-- Homepage Specific Elements -->
<script type="text/javascript" src="../scripts/jquery-1.4.1.min.js"></script>
<script type="text/javascript" src="../scripts/jquery-ui-1.7.2.custom.min.js"></script>
<script type="text/javascript" src="../scripts/jquery.tabs.setup.js"></script>
<!-- End Homepage Specific Elements -->
</head>
<body id="top">
<div class="wrapper row1">
```

```
<div id="header" class="clear">
<div class="fl_left">
    <h1><a href="homepage.php">SOE LIBRARY MANAGEMENT
    SYSTEM</a></h1>
    <p></p>
</div>
<div class="fl_right">
    <ul>
        <li><a
            href="http://localhost/xampp/project/library/homepage.php">Home</a></li>
        <li><a
            href="http://localhost/xampp/project/library/contact/Contactus.php">Contact
            Us</a></li>
        <li><a
            href="http://localhost/xampp/project/library/egateway/egateway.php">E-
            Gateway</a></li>
        <li><a
            href="http://localhost/xampp/project/library/studentlogin/studentlogin.php">Student
            Login</a></li>
        <li ><a
            href="http://localhost/xampp/project/library/teachrlogin/teacherlogin.php">Teacherl
            ogin</a></li>
        <li><a
            href="http://localhost/xampp/project/library/admin/adminlogin.php">Adminlogin<a
            ></li>

    </ul>
    <form action="#" method="post" id="sitesearch">
        <fieldset>
            <strong>Search:</strong>
            <input type="text" value="Search Our webiste for books;" 
onfocus="this.value=(this.value=='Search Our website for books;')? " : this.value ;"
/>
            <input type="image" src="../images/search.gif" id="search" alt="Search" />
        </fieldset>
    </form>
</div>
</div>
</div>
<!--
#####
##### -->
<div class="wrapper row2">
    <div class="rnd">
        <!-- ##### -->
        <div id="topnav">
```

```
<ul>
    <li class="active"><a href="homepage.php">Home</a></li>
    <li><a href="newarrivals.php">New Arrivals</a></li>
    <li><a href="onlinebooks.php">Online Books</a></li>
    <li><a href="egallery.php">E Gallery</a></li>
    <li><a href="questionpaper.php">Question Paper</a></li>
    <li><a href="aboutus.php">About Us</a></li>
    <li><a href="bookissue.php">Book Issue </a></li>
    <li class="last"><a href="#"></a></li>
</ul>
</div>
<!-- ##### -->
</div>
</div>
<!--
#####
##### -->
<div class="wrapper">
    <div id="featured_slide" class="clear">
        <!-- ##### -->
        <div class="overlay_left"></div>
        <div id="featured_content">
            <div class="featured_box" id="fc1">
                <div class="floater">
                    <h2>All ABOUT SOE LIBRARY</h2>
                    <p>School oF Engineering Library or the S.O.E library is one of the finest
                    library in kerela having a good collection of books related to various subjects</p>
                    <p class="readmore"><a href="#">Continue Reading &raquo;</a></p>
                </div>
            </div>
            <div class="featured_box" id="fc2">
                <div class="floater">
                    <h2>Existence</h2>
                    <p>School of Engineering library came into existence in year 1995 and from
                    then on it has been a premier source of information for college students</p>
                    <p class="readmore"><a href="#">Continue Reading &raquo;</a></p>
                </div>
            </div>
            <div class="featured_box" id="fc3">
                <div class="floater">
                    <h2>Collection</h2>
                    <p>School of Engineering Library has a collection of over 25000 books
                    related to various subjects in engineering</p>
                </div>
            </div>
        </div>
    </div>
</div>
```

```
<p class="readmore"><a href="#">Continue Reading &raquo;</a></p>
</div>
</div>
<div class="featured_box" id="fc4">
<div class="floater">
<h2>E-Repository</h2>
<p>School oF Engineering Library has a collection of 6000 cds and 2800
online journals and also has a section where teachers upload their lectures notes and
student can download them.</p>
<p class="readmore"><a href="#">Continue Reading &raquo;</a></p>
</div>
</div>
<div class="featured_box" id="fc5">
<div class="floater">
<h2>Latest News and events</h2>
<p></p>
<p class="readmore"><a href="#">Click here to go to latest news
page;</a></p>
</div>
</div>
</div>
<ul id="featured_tabs">
<li><a href="#fc1">All About The Library</a></li>
<li><a href="#fc2">Existence</a></li>
<li><a href="#fc3">Collection of Books</a></li>
<li><a href="#fc4">E-Repository</a></li>
<li class="last"><a href="#fc5">Latest News & Events</a></li>
</ul>
<div class="overlay_right"></div>
<!-- ##### -->
</div>
</div>
<!--
#####
##### -->
<div class="wrapper row3">
<div class="rnd">
<div id="container" class="clear">
<!--
#####
##### -->
<div id="homepage" class="clear">
<!-- ##### -->
<div id="left_column">
```

```
<h2>Sugeestion</h2>
<div class="imgholder"><a href="#"></a></div>
<h2>Book request</h2>
<div class="imgholder"><a href="#"></a></div>
<h2>Account creation</h2>
<div class="imgholder"><a href="#"></a></div>
<h2>Photos</h2>
<div class="imgholder"><a href="#"></a></div>
</div>
<!-- ##### -->

<div id="latestnews">
<h2>ENTER YOUR DETAILS</h2>
<p><span class="error">* required field.</span></p>

<table>
<form action="insertaccount.php" method="POST">
<legend>Student Information:</legend>
<tr>
<td>Library Id:</td> <td><input type="text" name="libid" size="30">
<span class="error">*</span><br><br></td>
</tr>
<tr>
<td>Registration No: </td> <td><input type="text" name="regno" size="30">
<span class="error">*</span><br><br></td>
</tr>
<tr>
<td>Name: </td> <td> <input type="text" name="stuname" size="30">
<span class="error">*</span><br><br></td>
</tr>
<tr>
<td>Branch: </td> <td> <select name="branch" size="1" tabindex="7">
<option selected="selected">Computer Science</option>
<option>Electronics & Communication</option>
<option>Electrical & Electronics</option>
<option>Mechanical</option>
<option>Safety & Fire</option>
<option>Civil</option>
<option>Information Technology</option>
</select>
<span class="error">*</span><br><br></td>
```

```
</tr>
<tr>
<td>Semester: </td> <td><select name="semester" size="1" tabindex="8">
<option selected="selected">1&2</option>
<option>3</option>
<option>4</option>
<option>5</option>
<option>6</option>
<option>7</option>
<option>8</option>
</select>
<span class="error">*</span><br><br></td>
</tr>
<tr>
<td>Section: </td> <td><select name="section" size="1" tabindex="2">
<option selected="selected">A</option>
<option>B</option>
</select>
<span class="error">*</span><br><br></td>
</tr>
<tr>
<td>Year of adm:</td> <td> <input type="text" name="yearofadm" size="30">
<span class="error">*</span><br><br></td>
</tr>
<tr>
<td>Email:</td> <td> <input type="email" name="email" size="30">
<span class="error">*</span><br><br></td>
</tr>

<tr>
<td>Username:</td> <td> <input type="text" name="username" size="30">
<span class="error">*</span><br><br></td>
</tr>
<tr>
<td>Password:</td> <td> <input type="password" name="password" size="30">
<span class="error">*</span><br><br></td>
</tr>
<tr>
<td><p>Click the submit</p></td>
</tr>
<tr>
<td height="40"><input type="submit" name= "submit" value="submit" action=
"insertaccount.php"></td>
</tr>
</form>
</table>
```

```
</div>
<!-- ##### -->

<!-- ##### -->
</div>
<!--
#####
##### -->
<!--
#####
##### -->
<!--
#####
##### -->
<div id="academiclinks" class="clear">
<h2>Quickly Find What You Are Looking For</h2>
<div class="linkbox">
<ul>
<li><a href="http://localhost/xampp/project/library/homepage.php">&raquo; Home</a></li>
<li><a href="http://localhost/xampp/project/library/studentlogin/studentlogin.php">&raquo; Student Login</a></li>
<li><a href="http://localhost/xampp/project/library/teacherlogin/teacherlogin.php">&raquo; Teacher Login</a></li>
<li><a href="http://localhost/xampp/project/library/adminlogin/adminlogin.php">&raquo; Adminlogin</a></li>
<li><a href="http://localhost/xampp/project/library/newarrivals/newarrivals.php">&raquo; New Arrivals</a></li>
<li><a href="http://localhost/xampp/project/library/onlinebooks/onlinebooks">&raquo; Online Books</a></li>
<li><a href="http://localhost/xampp/project/library/egallery/egallery.php">&raquo; E-Gallery</a></li>
<li><a href="http://localhost/xampp/project/library/aboutus/aboutus.php">&raquo; About Us</a></li>
<li><a href="http://localhost/xampp/project/library/contactus/contactus.php">&raquo; Contact Us</a></li>
```

```
<li><a href="http://localhost/xampp/project/library/questionpaper/questionpaper.php">&raquo; Question Papers</a></li>
<li><a href="http://localhost/xampp/project/library/latestnews/latestnews.php">&raquo; Latest Events & News</a></li>
</ul>
</div>

<!--
#####
##### -->
</div>
</div>
</div>
<!--
#####
-->

<!--
#####
-->
<div class="wrapper">
<div id="copyright" class="clear">
<p class="fl_left">Copyright &copy; 2013 - All Rights Reserved for SOE
LIBRARY-</p>
</div>
</div>
</body>
</html>

<?php
    // define variables and set to empty values
$libidErr = $regnoErr = $stunameErr = $branchErr = $semesterErr = $sectionErr =
$yearofadmErr = $usernameErr = $passwordErr = "";
$libid = $regno = $stuname = $branch = $semester = $section = $yearofadm =
$username = $password = "";

if ($_SERVER["REQUEST_METHOD"] == "POST")
{
    if (empty($_POST["libid"]))
        {$libidErr = "libid is required";
        echo $libidErr;
        include("createaccount.php");
        }
}

// define variables and set to empty values
$libidErr = $regnoErr = $stunameErr = $branchErr = $semesterErr = $sectionErr =
$yearofadmErr = $usernameErr = $passwordErr = "";
$libid = $regno = $stuname = $branch = $semester = $section = $yearofadm =
$username = $password = "";

if (empty($_POST["libid"]))
    {$libidErr = "libid is required";
    echo $libidErr;
    include("createaccount.php");
    }
```

```
else
{$libid= test_input($_POST["libid"]);}

if(empty($_POST["regno"]))
{$regnoErr = "Registration number is required";
echo $regnoErr;
include("createaccount.php");
}
else
{$regno = test_input($_POST["regno"]);}

if(empty($_POST["stuname"]))
{ $stunameErr = "student name is required";
echo $stunameErr;
include("createaccount.php");
}

else
{$stuname = test_input($_POST["stuname"]);}

if(empty($_POST["branch"]))
{$branchErr = " branch is required" ;
echo $branchErr;
include("createaccount.php");
}
else
{$branch = test_input($_POST["branch"]);

}

if(empty($_POST["semester"]))
{$semesterErr = "semester is required";
echo $semesterErr;
include("createaccount.php");
}
else
{$semester = test_input($_POST["semester"]);}

if(empty($_POST["section"]))
{$sectionErr = "section is required";
echo $sectionErr;
include("createaccount.php");
}
else
{$section = test_input($_POST["section"]);}
```

```
if (empty($_POST["yearofadm"]))
{$yearofadmErr = "year of adm. is required";
echo $yearofadmErr;
include("createaccount.php");
}
else
{$yearofadm = test_input($_POST["yearofadm"]);

}

if (empty($_POST["username"]))
{$usernameErr = "username is required";
echo $usernameErr;
include("createaccount.php");
}
else
{$username = test_input($_POST["username"]);

}

if (empty($_POST["password"]))
{$passwordErr = "password is required";
echo $passwordErr;
include("createaccount.php");
}
else
{$password = test_input($_POST["password"]);}

}

function test_input($data)
{
$data = trim($data);
$data = stripslashes($data);
$data = htmlspecialchars($data);
return $data;

}

?>
<?php
$con=mysqli_connect("localhost","root","","admin");
// Check connection
if(mysqli_connect_errno())
{
echo "Failed to connect to MySQL: " . mysqli_connect_error();
}
```



```
$sql="INSERT INTO
student(libid,regno,stuname,branch,semester,section,yearofadm,email,username,password)
VALUES
('$_POST[libid]','$_POST[regno]','$_POST[stuname]','$_POST[branch]','$_POST[semester]','$_POST[section]','$_POST[yearofadm]','$_POST[email]','$_POST[username]','$_POST[password]');
if (!mysqli_query($con,$sql))
{
die('Error: ' . mysqli_error($con));
}
echo "wait for conformation";

mysqli_close($con);
?>
```

4.1.2.2 Code For Student login check

```
<?php
//Start session
session_start();
//Unset the variables stored in session
unset($_SESSION['SESS_username']);
unset($_SESSION['SESS_password']);
?>
<!DOCTYPE html>
<html xml:lang="EN" lang="EN" dir="ltr">
<head>
<title>SOE LIBRARY INFORMATION SYSTEM</title>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<meta http-equiv="imagetoolbar" content="no" />
<link rel="stylesheet" href="../styles/layout.css" type="text/css" />
<!-- Homepage Specific Elements -->
<script type="text/javascript" src="../scripts/jquery-1.4.1.min.js"></script>
<script type="text/javascript" src="../scripts/jquery-ui-1.7.2.custom.min.js"></script>
<script type="text/javascript" src="../scripts/jquery.tabs.setup.js"></script>
<!-- End Homepage Specific Elements -->
</head>
<body id="top">
<div class="wrapper row1">
<div id="header" class="clear">
<div class="fl_left">
```

```
<h1><a href="homepage.php">SOE LIBRARY MANAGEMENT  
SYSTEM</a></h1>  
<p></p>  
</div>  
<div class="fl_right">  
<ul>  
<li><a  
href="http://localhost/xampp/project/library/homepage.php">Home</a></li>  
<li><a  
href="http://localhost/xampp/project/library/contact/Contactus.php">Contact  
Us</a></li>  
<li><a  
href="http://localhost/xampp/project/library/egateway/egateway.php">E-  
Gateway</a></li>  
<li><a  
href="http://localhost/xampp/project/library/studentlogin/studentlogin.php">Student  
Login</a></li>  
<li><a href="teacherlogin.php">Teacherlogin</a></li>  
<li><a  
href="http://localhost/xampp/project/library/admin/adminlogin.php">Adminlogin</a  
></li>  
</ul>  
<form action="#" method="post" id="sitesearch">  
<fieldset>  
<strong>Search:</strong>  
<input type="text" value="Search Our website for books;"  
onfocus="this.value=(this.value=='Search Our website for books;')? "" : this.value ;"  
>  
<input type="image" src="../images/search.gif" id="search" alt="Search" />  
</fieldset>  
</form>  
</div>  
</div>  
<!--  
#####
##### -->  
<div class="wrapper row2">  
<div class="rnd">  
<!-- ##### -->  
<div id="topnav">  
<ul>  
<li class="active"><a  
href="http://localhost/xampp/project/library/homepage.php">Home</a></li>  
<li><a href="http://localhost/xampp/project/library/newarrivals.php">New  
Arrivals</a></li>
```

```
<li><a href="http://localhost/xampp/project/library/onlinebooks.php">Online  
Books</a></li>  
    <li><a href="http://localhost/xampp/project/library/egallery.php">E  
Gallery</a></li>  
    <li><a  
href="http://localhost/xampp/project/library/questionpaper.php">Question  
Paper</a></li>  
    <li><a href="http://localhost/xampp/project/library/aboutus.php">About  
Us</a></li>  
    <li><a href="http://localhost/xampp/project/library/bookissue.php">Book Issue  
</a></li>  
    <li class="last"><a href="#"></a></li>  
  </ul>  
  </div>  
  <!-- ##### -->  
  </div>  
  </div>  
<!--  
##### -->  
<div class="wrapper">  
  <div id="featured_slide" class="clear">  
    <!-- ##### -->  
    <div class="overlay_left"></div>  
    <div id="featured_content">  
      <div class="featured_box" id="fc1">  
      <div class="floater">  
        <h2>All ABOUT SOE LIBRARY</h2>  
        <p>School oF Engineering Library or the S.O.E library is one of the finest  
library in kerela having a good collection of books related to various subjects</p>  
        <p class="readmore"><a href="#">Continue Reading &raquo;</a></p>  
      </div>  
    </div>  
    <div class="featured_box" id="fc2">  
    <div class="floater">  
      <h2>Existence</h2>  
      <p>School oF Engineering library came into existence in year 1995 and from  
then on it has been a premier source of information for college students</p>  
      <p class="readmore"><a href="#">Continue Reading &raquo;</a></p>  
    </div>  
    <div class="featured_box" id="fc3">  
    <div class="floater">
```

```
<h2>Collection</h2>
<p>School of Engineering Library has a collection of over 25000 books
related to various subjects in engineering</p>
<p class="readmore"><a href="#">Continue Reading &raquo;</a></p>
</div>
</div>
<div class="featured_box" id="fc4">
<div class="floater">
<h2>E-Repository</h2>
<p>School oF Engineering Library has a collection of 6000 cds and 2800
online journals and also has a section where teachers upload their lectures notes and
student can download them.</p>
<p class="readmore"><a href="#">Continue Reading &raquo;</a></p>
</div>
</div>
<div class="featured_box" id="fc5">
<div class="floater">
<h2>Latest News and events</h2>
<p></p>
<p class="readmore"><a href="#">Click here to go to latest news
page;</a></p>
</div>
</div>
</div>
<ul id="featured_tabs">
<li><a href="#fc1">All About The Library</a></li>
<li><a href="#fc2">Existence</a></li>
<li><a href="#fc3">Collection of Books</a></li>
<li><a href="#fc4">E-Repository</a></li>
<li class="last"><a href="#fc5">Latest News & Events</a></li>
</ul>
<div class="overlay_right"></div>
<!-- ##### -->
</div>
</div>

<!--
#####
##### -->
<div class="wrapper row3">
<div class="rnd">
<div id="container" class="clear">
```

```
<!--
#####
##### -->
<div id="homepage" class="clear">
<!-- ##### -->
<div id="left_column">
<h2>Sugeestion</h2>
<div class="imgholder"><a href="#"></a></div>
<h2>Book request</h2>
<div class="imgholder"><a href="#"></a></div>
<h2>Account creation</h2>
<div class="imgholder"><a href="#"></a></div>
<h2>Photos</h2>
<div class="imgholder"><a href="#"></a></div>
</div>
<!-- ##### -->
<div id="latestnews">
<h2>Pls enter username and password to login</h2>
<table>
<form action="checklogin.php" method="post"><br><br>
Username:<input name="username" type="text" maxlength="12"><br><br>
Password:<input name="password" type="password" maxlength="12">
<input name="submit" type="submit">
</form>
</table>

</div>
<!-- ##### -->

<!-- ##### -->
</div>
<!--
#####
-->
<!--
#####
-->
<div id="academiclinks" class="clear">
<h2>Quickly Find What You Are Looking For</h2>
<div class="linkbox">
<ul>
```

```
<li><a href="http://localhost/xampp/project/library/homepage.php">&raquo; Home</a></li>
    <li><a href="http://localhost/xampp/project/library/studentlogin.php">&raquo; Student Login</a></li>
        <li><a href="teacherlogin.php">&raquo; Teacher Login</a></li>
        <li><a href="http://localhost/xampp/project/library/adminlogin.php">&raquo; Adminlogin</a></li>
            <li><a href="http://localhost/xampp/project/library/newarrival.php">&raquo; New Arrivals</a></li>
                <li><a href="http://localhost/xampp/project/library/onlinebooks.php">&raquo; Online Books</a></li>
                    <li><a href="http://localhost/xampp/project/library/egallery.php">&raquo; E-Gallery</a></li>
                    <li><a href="http://localhost/xampp/project/library/aboutus.php">&raquo; About Us</a></li>
                    <li><a href="http://localhost/xampp/project/library/contactus.php">&raquo; Contact Us</a></li>
                <li><a href="http://localhost/xampp/project/library/questionpaper.php">&raquo; Question Papers</a></li>
                    <li><a href="http://localhost/xampp/project/library/latestnews.php">&raquo; Latest Events & News</a></li>
                </ul>
            </div>

            <!--
#####
##### -->
</div>
</div>
</div>
<!--
#####
##### -->

<!--
#####
##### -->
<div class="wrapper">
    <div id="copyright" class="clear">
        <p class="fl_left">Copyright &copy; 2014 - All Rights Reserved for SOE LIBRARY-</p>
```

```
</div>
</div>
</body>
</html>

<?php
    session_start();
    $host="localhost"; // Host name
    $username="root"; // Mysql username
    $password=""; // Mysql password
    $db_name="library"; // Database name
    $tbl_name="studentlogin"; // Table name

    // Connect to server and select database.
    mysql_connect("$host", "$username", "$password")or die("cannot connect");
    mysql_select_db("$db_name")or die("cannot select DB");

    // username and password sent from form
    $myusername=$_POST['username'];
    $mypassword=$_POST['password'];
    $sql="SELECT * FROM $tbl_name WHERE username='$myusername' and
password='$mypassword'";
    $result=mysql_query($sql);

    // Mysql_num_row is counting table row
    $count=mysql_num_rows($result);

    // If result matched $myusername and $mypassword, table row must be 1 row

    if($count>0)
    {
        session_regenerate_id();
        $member = mysql_fetch_assoc($result);
        $_SESSION['SESS_username'] = $member['username'];
        $_SESSION['SESS_password'] = $member['password'];
        session_write_close();
        header("location:studentlogin1.php");
        exit();
    }else {
        //Login failed
        $errmsg_arr[] = 'user name and password not found';
        $errflag = true;
        if($errflag) {
            $_SESSION['ERRMSG_ARR'] = $errmsg_arr;
            session_write_close();
            header("location: studentlogin.php");
            exit();
        }
    }
}
```

```
}
```

```
}
```

```
?>
```

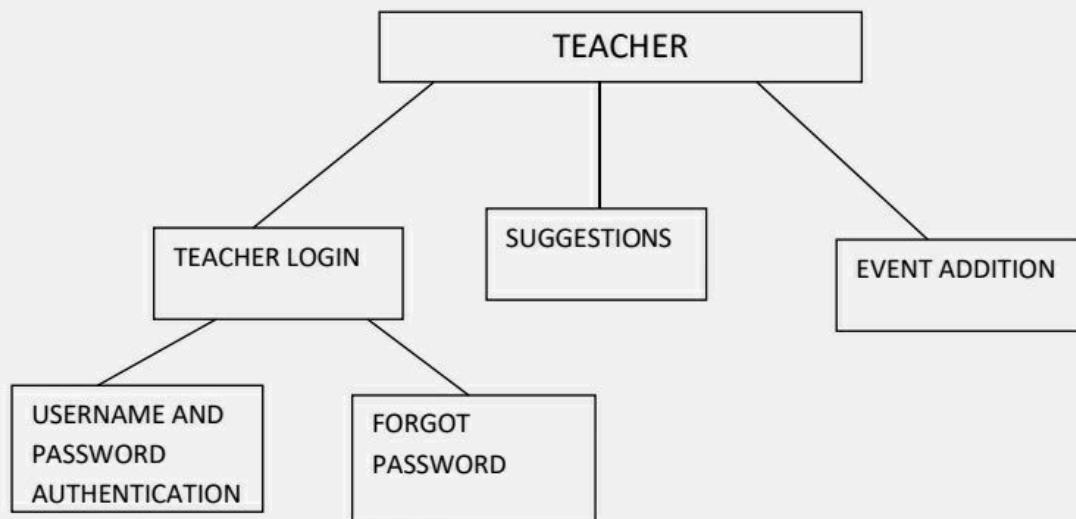
4.1.2.3 Code For Event Addition

```
<?php
$con=mysqli_connect("localhost","root","","admin");
// Check connection
if(mysqli_connect_errno())
{
echo "Failed to connect to MySQL: " . mysqli_connect_error();
}

$sql="INSERT INTO event(Name,date,time,venue,mname,contactno,email)
VALUES
('$_POST[ename]','$_POST[date]','$_POST[time]','$_POST[venue]','$_POST[name
]','$_POST[phno]','$_POST[email]')";
if (!mysqli_query($con,$sql))
{
die('Error: ' . mysqli_error($con));
}
echo "wait for conformation";
mysqli_close($con);
?>
```

4.1.2 Screenshot for Student login

- **4.1.3 Teacher Module**



The following module contains various facilities like teacher login, suggestions, and event addition. Further any teacher if at any moment forgets his/her password he/she can retrieve it from 'forgot password' option.

4.1.3.1 Code For Teacher Login

```
<?php
    session_start();
    $host="localhost"; // Host name
    $username="root"; // Mysql username
    $password=""; // Mysql password
    $db_name="library"; // Database name
    $tbl_name="teacherlogin"; // Table name

    // Connect to server and select database.
    mysql_connect("$host", "$username", "$password")or die("cannot connect");
    mysql_select_db("$db_name")or die("cannot select DB");

    // username and password sent from form
    $myusername=$_POST['username'];
    $mypassword=$_POST['password'];
    $sql="SELECT * FROM $tbl_name WHERE username='$myusername' and
password='$mypassword'";
```

```
$result=mysql_query($sql);

// Mysql_num_row is counting table row
$count=mysql_num_rows($result);

// If result matched $myusername and $mypassword, table row must be 1 row

if($count>0)
{
    session_regenerate_id();
    $member = mysql_fetch_assoc($result);
    $_SESSION['SESS_username'] = $member['username'];
    $_SESSION['SESS_password'] = $member['password'];
    session_write_close();
    header("location:teacherlogin1.php");
    exit();
} else {
    //Login failed
    $errmsg_arr[] = 'user name and password not found';
    $errflag = true;
    if($errflag) {
        $_SESSION['ERRMSG_ARR'] = $errmsg_arr;
        session_write_close();
        header("location: teacherlogin.php");
        exit();
    }
}
?>
```

4.1.3.2 Code for Suggestion

```
<?php
session_start();
?>
<!DOCTYPE html>
<html xml:lang="EN" lang="EN" dir="ltr">
<head>
<title>SOE LIBRARY INFORMATION SYSTEM</title>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<meta http-equiv="imagetoolbar" content="no" />
<link rel="stylesheet" href="../styles/layout.css" type="text/css" />
<!-- Homepage Specific Elements -->
<script type="text/javascript" src="../scripts/jquery-1.4.1.min.js"></script>
<script type="text/javascript" src="../scripts/jquery-ui-1.7.2.custom.min.js"></script>
```

```
<script type="text/javascript" src="../scripts/jquery.tabs.setup.js"></script>
<!-- End Homepage Specific Elements -->
</head>
<body id="top">
<div class="wrapper row1">
    <div id="header" class="clear">
        <div class="fl_left">
            <h1><a href="homepage.php">SOE LIBRARY MANAGEMENT
                SYSTEM</a></h1>
            <p></p>
        </div>
        <div class="fl_right">
            <ul>
                <li><a href="http://localhost/xampp/project/library/homepage.php">Home</a></li>
                <li><a href="http://localhost/xampp/project/library/contact/Contactus.php">Contact
                    Us</a></li>
                <li><a href="http://localhost/xampp/project/library/egateway/egateway.php">E-
                    Gateway</a></li>
                <li><a href="http://localhost/xampp/project/library/studentlogin/studentlogin.php">Student
                    Login</a></li>
                <li ><a href="teacherlogin.php">Teacherlogin</a></li>
                <li><a href="http://localhost/xampp/project/library/admin/adminlogin.php">Adminlogin</a
                    ></li>
            </ul>
            <form action="#" method="post" id="sitesearch">
                <fieldset>
                    <strong>Search:</strong>
                    <input type="text" value="Search Our website for books;" onfocus="this.value=(this.value=='Search Our website for books;')? '' : this.value ;"/>
                    <input type="image" src="../images/search.gif" id="search" alt="Search" />
                </fieldset>
            </form>
        </div>
    </div>
</div>
<!--
#####
##### -->
<div class="wrapper row2">
    <div class="rnd">
```

```
<!-- ##### -->
<div id="topnav">
<ul>
<li class="active"><a href="http://localhost/xampp/project/library/homepage.php">Home</a></li>
<li><a href="http://localhost/xampp/project/library/newarrivals.php">New Arrivals</a></li>
<li><a href="http://localhost/xampp/project/library/onlinebooks.php">Online Books</a></li>
<li><a href="http://localhost/xampp/project/library/egallery.php">E Gallery</a></li>
<li><a href="http://localhost/xampp/project/library/questionpaper.php">Question Paper</a></li>
<li><a href="http://localhost/xampp/project/library/aboutus.php">About Us</a></li>
<li><a href="http://localhost/xampp/project/library/bookissue.php">Book Issue </a></li>
<li class="last"><a href="#"></a></li>
</ul>
</div>
<!-- ##### -->
</div>
</div>
<!--
#####
#-->
<div class="wrapper">
<div id="featured_slide" class="clear">
<!-- ##### -->
<div class="overlay_left"></div>
<div id="featured_content">
<div class="featured_box" id="fc1">
<div class="floater">
<h2>All ABOUT SOE LIBRARY</h2>
<p>School of Engineering Library or the S.O.E library is one of the finest library in kerela having a good collection of books related to various subjects</p>
<p class="readmore"><a href="#">Continue Reading &raquo;</a></p>
</div>
</div>
<div class="featured_box" id="fc2">
<div class="floater">
<h2>Existence</h2>
```

<p>School oF Engineering library came into existence in year 1995 and from then on it has been a premier source of information for college students</p>

<p class="readmore">Continue Reading »</p>

</div>

</div>

<div class="featured_box" id="fc3">

<div class="floater">

<h2>Collection</h2>

<p>School of Engineering Library has a collection of over 25000 books related to various subjects in engineering</p>

<p class="readmore">Continue Reading »</p>

</div>

</div>

<div class="featured_box" id="fc4">

<div class="floater">

<h2>E-Repository</h2>

<p>School oF Engineering Library has a collection of 6000 cds and 2800 online journals and also has a section where teachers upload their lectures notes and student can download them.</p>

<p class="readmore">Continue Reading »</p>

</div>

</div>

<div class="featured_box" id="fc5">

<div class="floater">

<h2>Latest News and events</h2>

<p></p>

<p class="readmore">Click here to go to latest news page;</p>

</div>

</div>

</div>

<ul id="featured_tabs">

All About The Library

Existence

Collection of Books

E-Repository

<li class="last">Latest News & Events

<div class="overlay_right"></div>

<!-- ##### -->

</div>

</div>

```
<!--
#####
##### -->
<div class="wrapper row3">
<div class="rnd">
<div id="container" class="clear">
<!--
#####
-->
<div id="homepage" class="clear">
<!-- ##### -->
<div id="left_column">
<h2>Sugeestion</h2>
<div class="imgholder"><a href="#"></a></div>
<h2>Book request</h2>
<div class="imgholder"><a href="#"></a></div>
<h2>Account creation</h2>
<div class="imgholder"><a href="#"></a></div>
<h2>Photos</h2>
<div class="imgholder"><a href="#"></a></div>
</div>
<!-- ##### -->
<div id="latestnews">
<h2>Pls enter sugeestion in less than 255 characters</h2>
<table border=1>
<form action="suggestion.php" method="post">
<tr>
<td>SUGGESTION</td><td><textarea name="suggestion" rows="5"
cols="50"></textarea><br><br></td>
</tr>
<tr>
<td><input type="submit"
value="submit" name="submit"><br><br></td>
</tr>
</form>
</table>
<
</div>
<!-- ##### -->

<!-- ##### -->
</div>
```

```
</div>
<!--
#####
##### -->
<!--
#####
##### -->
<div id="academiclinks" class="clear">
<h2>Quickly Find What You Are Looking For</h2>
<div class="linkbox">
<ul>
<li><a href="http://localhost/xampp/project/library/homepage.php">&raquo; Home</a></li>
<li><a href="http://localhost/xampp/project/library/studentlogin.php">&raquo; Student Login</a></li>
<li><a href="teacherlogin.php">&raquo; Teacher Login</a></li>
<li><a href="http://localhost/xampp/project/library/adminlogin.php">&raquo; Adminlogin</a></li>
<li><a href="http://localhost/xampp/project/library/newarrival.php">&raquo; New Arrivals</a></li>
<li><a href="http://localhost/xampp/project/library/onlinebooks.php">&raquo; Online Books</a></li>
<li><a href="http://localhost/xampp/project/library/egallery.php">&raquo; E-Gallery</a></li>
<li><a href="http://localhost/xampp/project/library/aboutus.php">&raquo; About Us</a></li>
<li><a href="http://localhost/xampp/project/library/contactus.php">&raquo; Contact Us</a></li>
<li><a href="http://localhost/xampp/project/library/questionpaper.php">&raquo; Question Papers</a></li>
<li><a href="http://localhost/xampp/project/library/latestnews.php">&raquo; Latest Events & News</a></li>
</ul>
</div>

<!--
#####
##### -->
</div>
</div>
</div>
```

```
<!--
#####
##### -->

<!--
#####
##### -->
<div class="wrapper">
    <div id="copyright" class="clear">
        <p class="fl_left">Copyright © 2014 - All Rights Reserved for SOE
LIBRARY-</p>
    </div>
</div>
</body>
</html>

<?php
    session_start();
    require '../include/connection1.php';
    $sql = mysqli_query($connection,"SELECT * FROM studentlogin
where username='$_SESSION[SESS_username]'&&
password='$_SESSION[SESS_password]'");
    $rocount=mysqli_num_rows($sql);
    if($rocount==1)
    {
        while($row = mysqli_fetch_array($sql))
        {
            $logid=$row['logid'];
            $username= $row['username'] ;
            $password= $row['password'] ;
            $numbooks= $row['numbooks'];
        }
    }
    $result = mysqli_query($connection,"SELECT * FROM student where
libid='$logid'");
    $rowcount=mysqli_num_rows($result);
    if($rowcount==1)
    {
        while($row = mysqli_fetch_array($result))
        {
            $libid=$row['libid'];
            $regno= $row['regno'] ;
            $stuname= $row['stuname'] ;
            $branch= $row['branch'] ;
            $semester= $row['semester'] ;
```

```
$section= $row['section'] ;
$yearofadm= $row['yearofadm'] ;
}

}

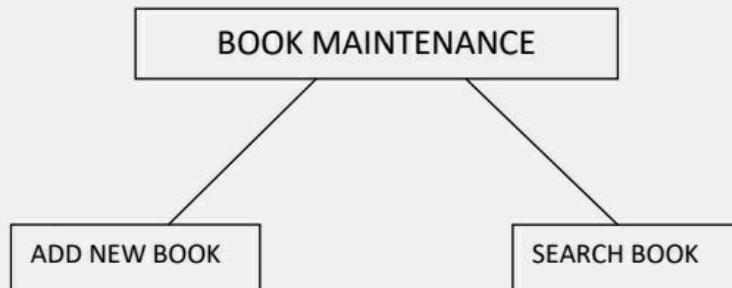
mysqli_close($connection);

?>
<?php
require'../include/connection.php';

$sql="INSERT INTO suggest ( libid,suggestion)
VALUES
('{$libid}','$_POST[suggestion]')";

if (!mysqli_query($con,$sql))
{
echo "error";
}
echo "successss";
mysqli_close($con);
?>
```

- **4.1.4 Book Module**



The following module contains various facilities like add new book and search book. In the ‘add new book’ section if any new book comes in the library then the librarian can add its specifications. Similarly if the user wants to search for a specific book then he/she can use search book option to do it.

4.1.4.1 Code For Adding New books

```
<?php
$con=mysqli_connect("localhost","root","","library");
// Check connection
if(mysqli_connect_errno())
{
    echo "Failed to connect to MySQL: " . mysqli_connect_error();
}

$sql="INSERT INTO books (code, bookname, author, publication, subject,
numberofbooks)
VALUES
('$_POST[bookid]','$_POST[bookname]','$_POST[author]','$_POST[publication]','$_P
OST[subject]','$_POST[numberofbooks]')";

if(!mysqli_query($con,$sql))
{
    echo "error";
}
echo "successs";
```

```
mysqli_close($con);
?>
<?php
$con=mysqli_connect("localhost","root","","admin");
// Check connection
if(mysqli_connect_errno())
{
echo "Failed to connect to MySQL: " . mysqli_connect_error();
}

$sql="INSERT INTO newarrivals (code, bookname, author, publication, subject,
numberofbooks,arrivaldate)
VALUES
('$_POST[bookid]','$_POST[bookname]','$_POST[author]','$_POST[publication]','$_P
OST[subject]','$_POST[numberofbooks]','$_POST[arrivaldate]')";

if(!mysqli_query($con,$sql))
{
echo "error";
}
echo "successs";
mysqli_close($con);
?>
```

4.1.4.2 Code For Book Search

```
<!DOCTYPE html>
<html xml:lang="EN" lang="EN" dir="ltr">
<head>
<title>SOE LIBRARY INFORMATION SYSTEM</title>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<meta http-equiv="imagetoolbar" content="no" />
<link rel="stylesheet" href="../styles/layout.css" type="text/css" />
<!-- Homepage Specific Elements -->
<script type="text/javascript" src="../scripts/jquery-1.4.1.min.js"></script>
<script type="text/javascript" src="../scripts/jquery-ui-1.7.2.custom.min.js"></script>
<script type="text/javascript" src="../scripts/jquery.tabs.setup.js"></script>
<!-- End Homepage Specific Elements -->
</head>
<body id="top">
<div class="wrapper row1">
<div id="header" class="clear">
<div class="fl_left">
<h1><a href="homepage.php">SOE LIBRARY MANAGEMENT
SYSTEM</a></h1>
```

```
<p></p>
</div>
<div class="fl_right">
<ul>
<li><a href="homepage.php">Home</a></li>
<li><a href="http://localhost/xampp/project/library/contact/Contactus.php">Contact
Us</a></li>
<li><a href="http://localhost/xampp/project/library/egateway/egateway.php">E-
Gateway</a></li>
<li><a
href="http://localhost/xampp/project/library/studentlogin/studentlogin.php">Student
Login</a></li>
<li><a
href="http://localhost/xampp/project/library/teachrlogin/teacherlogin.php">Teacherlogi
n</a></li>
<li><a
href="http://localhost/xampp/project/library/admin/adminlogin.php">Adminlogin</a></
li>
</ul>
<form action="#" method="post" id="sitesearch">
<fieldset>
<strong>Search:</strong>
<input type="text" value="Search Our website for books;" 
onfocus="this.value=(this.value=='Search Our website for books;')? " : this.value ;" />
<input type="image" src="images/search.gif" id="search" alt="Search" />
</fieldset>
</form>
</div>
</div>
</div>

<!--
#####
##### -->
<div class="wrapper row2">
<div class="rnd">
<!-- ##### -->
<div id="topnav">
<ul>
<li class="active"><a href="homepage.php">Home</a></li>
<li><a
href="http://localhost/xampp/project/library/newarrivals/newarrivals.php">New
Arrivals</a></li>
<li><a
href="http://localhost/xampp/project/library/onlinebooks/onlinebooks.php">Online
Books</a></li>
```

```
<li><a href="http://localhost/xampp/project/library/egallery/egallery.php">E  
Gallery</a></li>  
<li><a  
href="http://localhost/xampp/project/library/questionpaper/questionpaper.php">Questio  
n Paper</a></li>  
<li><a href="http://localhost/xampp/project/library/aboutus/aboutus.php">About  
Us</a></li>  
<li><a href="http://localhost/xampp/project/library/abouts/bookissue.php">Book  
Issue </a></li>  
    <li class="last"><a href="#"></a></li>  
  </ul>  
  </div>  
  <!-- ##### -->  
  </div>  
</div>  
<!--  
#####
#-->  
<div class="wrapper">  
  <div id="featured_slide" class="clear">  
    <!-- ##### -->  
    <div class="overlay_left"></div>  
    <div id="featured_content">  
      <div class="featured_box" id="fc1">  
    />  
      <div class="floater">  
        <h2>All ABOUT SOE LIBRARY</h2>  
        <p>School oF Engineering Library or the S.O.E library is one of the finest library  
in kerela having a good collection of books related to various subjects</p>  
        <p class="readmore"><a href="#">Continue Reading &raquo;</a></p>  
      </div>  
    </div>  
    <div class="featured_box" id= "fc2">  
  />  
    <div class="floater">  
      <h2>Existence</h2>  
      <p>School oF Engineering library came into existence in year 1995 and from then  
on it has been a premier source of information for college students</p>  
      <p class="readmore"><a href="#">Continue Reading &raquo;</a></p>  
    </div>  
  </div>  
  <div class="featured_box" id="fc3">  
/>  
  <div class="floater">  
    <h2>Collection</h2>
```

```
<p>School of Engineering Library has a collection of over 25000 books related to  
various subjects in engineering</p>  
<p class="readmore"><a href="#">Continue Reading &raquo;</a></p>  
</div>  
</div>  
<div class="featured_box" id="fc4">  
</div>  
<div class="floater">  
<h2>E-Repository</h2>  
<p>School oF Engineering Library has a collection of 6000 cds and 2800 online  
journals and also has a section where teachers upload their lectures notes and student  
can download them.</p>  
<p class="readmore"><a href="#">Continue Reading &raquo;</a></p>  
</div>  
</div>  
<div class="featured_box" id="fc5">  
</div>  
<div class="floater">  
<h2>Latest News and events</h2>  
<p></p>  
<p class="readmore"><a href="#">Click here to go to latest news page;</a></p>  
</div>  
</div>  
</div>  
<ul id="featured_tabs">  
<li><a href="#fc1">All About The Library</a></li>  
<li><a href="#fc2">Existence</a></li>  
<li><a href="#fc3">Collection of Books</a></li>  
<li><a href="#fc4">E-Repository</a></li>  
<li class="last"><a href="#fc5">Latest News & Events</a></li>  
</ul>  
<div class="overlay_right"></div>  
<!-- ##### -->  
</div>  
</div>  
<!--  
##### -->  
<div class="wrapper row3">  
<div class="rnd">  
<div id="container" class="clear">  
<!--  
##### -->  
<div id="homepage" class="clear">  
<!-- ##### -->
```

```
<div id="left_column">
    <h2>Sugeestion</h2>
    <div class="imgholder"><a href="#"></a></div>
    <h2>Book request</h2>
    <div class="imgholder"><a href="#"></a></div>
    <h2>Account creation</h2>
    <div class="imgholder"><a
href="http://localhost/xampp/project/library/create/createaccount.php"></a></div>
    <h2>Photos</h2>
    <div class="imgholder"><a href="#"></a></div>
    </div>
    <!-- ##### -->
    <div id="latestnews">
        <h2>ENTER BOOK DETAILS</h2>

        <table>
            <form action="advancesearchresult.php" method="POST">
                <legend>Book Information:</legend>
                <tr>
                    <td>Book Code:</td> <td><input type="text" name="bookcode"
size="30"><br><br></td>
                </tr>
                <tr>
                    <td>Book Name:</td> <td><input type="text" name="bookname"
size="30"><br><br></td>
                </tr>
                <tr>
                    <td>Publication:</td> <td> <input type="text" name="publication"
size="30"><br><br></td>
                </tr>
                <tr>
                    <td>Author Name:</td> <td> <input type="text" name="authorname"
size="30"><br><br></td>
                </tr>
                <tr>
                    <td><p>Click the submit</p></td>
                </tr>
                <tr>
                    <td height="40"><input type="submit" name="submit" value="submit" action=
"insertaccount.php"></td>
                </tr>
```

```
</form>
</table>

<p class="readmore"><a href="#"></a></p>
</div>
<!-- ##### -->
</div>

<!-- ##### -->
</div>

<!--
#####
##### -->
<!--
#####
##### -->
<div id="academiclinks" class="clear">
<h2>Quickly Find What You Are Looking For</h2>
<div class="linkbox">
<ul>
<li><a href="http://localhost/xampp/project/library/homepage.php">&raquo; Home</a></li>
<li><a href="http://localhost/xampp/project/library/studentlogin.php">&raquo; Student Login</a></li>
<li><a href="http://localhost/xampp/project/library/teacherlogin.php">&raquo; Teacher Login</a></li>
<li><a href="http://localhost/xampp/project/library/adminlogin.php">&raquo; Adminlogin</a></li>
<li><a href="http://localhost/xampp/project/library/newarrivals.php">&raquo; New Arrivals</a></li>
<li><a href="http://localhost/xampp/project/library/onlinebooks.php">&raquo; Online Books</a></li>
<li><a href="http://localhost/xampp/project/library/egallery.php">&raquo; E-Gallery</a></li>
<li><a href="http://localhost/xampp/project/library/aboutus.php">&raquo; About Us</a></li>
<li><a href="http://localhost/xampp/project/library/contactus.php">&raquo; Contact Us</a></li>
<li><a href="http://localhost/xampp/project/library/questionpaper.php">&raquo; Question Papers</a></li>
<li><a href="http://localhost/xampp/project/library/latestnews.php">&raquo; Latest Events & News</a></li>
```

```
</ul>
</div>

<!--
#####
##### -->
</div>
</div>
</div>
<!--
#####
-->

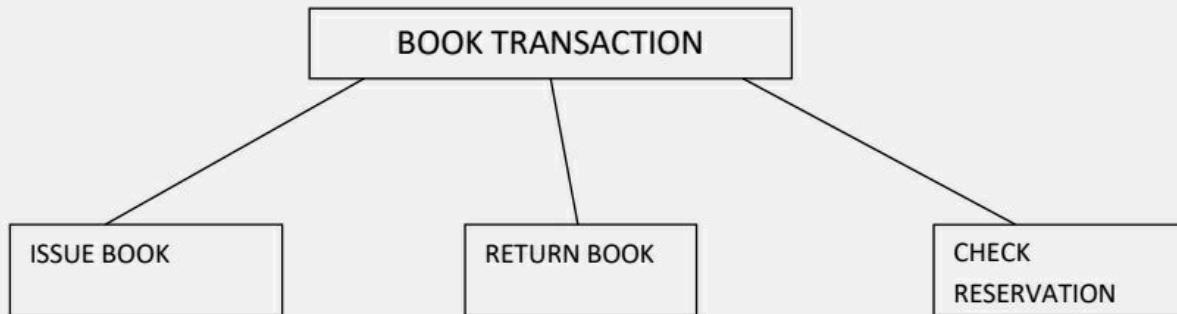
<!--
#####
-->
<div class="wrapper">
<div id="copyright" class="clear">
<p class="fl_left">DEVELOPER: VIKRAM,RAHUL,PRABHAKAR,RAJAT</p>
</div>
</div>
</body>
</html>

<?php
$con=mysqli_connect("localhost","root","","library");
// Check connection
if(mysqli_connect_errno())
{
    echo "Failed to connect to MySQL: " . mysqli_connect_error();
}
$code=$_POST['bookcode'];
$name=$_POST['bookname'];
$aname=$_POST['authorname'];
$publication=$_POST['publication'];
$result = mysqli_query($con,"SELECT * FROM books WHERE code = '$code' ||
bookname = '$name' || author = '$aname' || publication = '$publication'");

echo "<table border='1'>
<tr>
<th>Book code</th>
<th>Book Name</th>
<th>Author</th>
<th>Publication</th>
<th>Subject</th>
<th>No of Books</th>
```

```
</tr>";  
  
while($row = mysqli_fetch_array($result))  
{  
echo "<tr>";  
echo "<td>" . $row['code'] . "</td>";  
echo "<td>" . $row['bookname'] . "</td>";  
echo "<td>" . $row['author'] . "</td>";  
echo "<td>" . $row['publication'] . "</td>";  
echo "<td>" . $row['subject'] . "</td>";  
echo "<td>" . $row['numberofbooks'] . "</td>";  
echo "</tr>";  
}  
echo "</table>";  
  
mysqli_close($con);  
?>
```

- **4.1.5 Book Transaction Module**



The following module contains various facilities like issue book, return book and check reservation.

4.1.5.1 Code For issue book

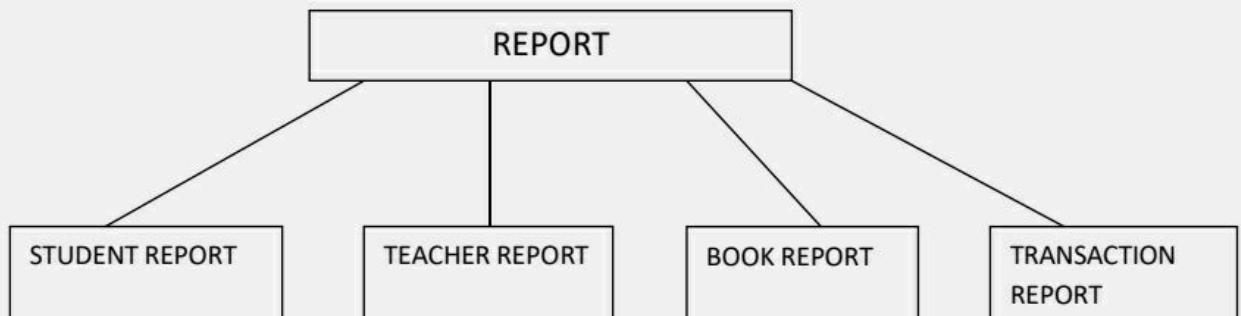
```
<?php
require'..../include/connection1.php';
$result = mysqli_query($connection,"SELECT * FROM studentlogin");
while($row = mysqli_fetch_array($result))
{
    $libid=$row['logid'];
    $username= $row['username'];
    $password= $row['password'];
    $numbooks=$row['numbooks'];
}
if($numbooks>3)
{
    echo"cannot issue books limit exceeded";
}
else
{
    $libid=$_POST['libid'];
$bookid=$_POST['bookid'];
$issuedate=$_POST['issuedate'];

$returndate=date_add($issuedate,date_interval_create_from_date_string("15 days"));
$sql="INSERT INTO issuebooks(libid,bookid,issuedate{returndate})
VALUES
('{$libid}', '{$bookid}', '{$issuedate}', '{$returndate}');
mysqli_query($connection,"UPDATE studentlogin SET
numbooks=numbooks+1
WHERE logid='{$libid}'");
mysqli_query($connection,"UPDATE book SET
numberofbooks=numberofbooks-1
WHERE code='{$bookid}'");
if (!mysqli_query($connection,$sql))
{
die('Error1: '. mysqli_error($connection));
}
else
echo"added 1 record";
}
mysqli_close($connection);
?>
```

4.1.5.2 Code For book Return

```
<?php
require'./include/connection1.php';
$libid=$_POST['libid'];
$bookid=$_POST['bookid'];
$result = mysqli_query($connection,"SELECT * FROM issuebooks where libid= '$libid' &&
bookid='$bookid'");
$rowcount=mysqli_num_rows($result);
if($rowcount>0)
{
    $sql=mysqli_query($connection,"UPDATE studentlogin SET
numbooks=numbooks-1
WHERE logid='$libid'");
    $sql1=mysqli_query($connection,"UPDATE book SET
numberofbooks=numberofbooks+1
WHERE code='$bookid'");
    $sql2=mysqli_query($connection,"DELETE FROM issuebooks WHERE
libid=$libid && bookid='$bookid'");
}
else
    echo"no book issued";
mysqli_close($connection);
?>
```

- **4.1.6 Report Module**



The following module contains various facilities like student report, teacher report, book report, and transaction report.

Code For Report Generation

4.1.6.1 Code For Teacher report

```
<?php
require '../include/connection1.php';
$result = mysqli_query($connection,"SELECT * FROM
teacher");
$count=mysqli_num_rows($result);
echo "<table border='1' style='width=100px'>
<tr>
<td>Teacher id</td>
<td>Name</td>
<td>Designation</td>
<td>Branch</td>
<td>Contact no</td>
</tr>";
while($count>0)
{
while($row = mysqli_fetch_array($result))
```

```
{echo "<tr>";
echo "<td>" . $row['tid'] . "</td>";
echo "<td>" . $row['name'] . "</td>";
echo "<td>" . $row['designation'] . "</td>";
echo "<td>" . $row['branch'] . "</td>";
echo "<td>" . $row['contactno'] . "</td>";
echo "</tr>";
}
$count=$count-1;
}

mysqli_close($connection);
?>
</table>
```

4.1.6.2 Code For STUDENT REPORT

```
<?php
require '../include/connection1.php';
$result = mysqli_query($connection,"SELECT * FROM
student");
$count=mysqli_num_rows($result);
echo "<table border='1' style='width=100px'>
<tr>
<td>Libraryid</td>
<td>Registration number</td>
<td>Name</td>
<td>Branch</td>
<td>Semester</td>
<td>Section</td>
<td>Year of adm</td>
</tr>";
while($count>0)
{
while($row = mysqli_fetch_array($result))
{echo "<tr>";
echo "<td>" . $row['libid'] . "</td>";
echo "<td>" . $row['regno'] . "</td>";
echo "<td>" . $row['stuname'] . "</td>";
echo "<td>" . $row['branch'] . "</td>";
echo "<td>" . $row['semester'] . "</td>";
echo "<td>" . $row['section'] . "</td>";
echo "<td>" . $row['yearofadm'] . "</td>";
```

```
echo"</tr>";
}
$count=$count-1;
}

mysqli_close($connection);
?>
</table>
```

4.1.6.3 Code For Issue Report

```
<?php
require './include/connection1.php';
$result = mysqli_query($connection,"SELECT * FROM
issuebooks order by libid");
$count=mysqli_num_rows($result);
echo "<table border='1' style='width=100px'>
<tr>
<td>Libraryid</td>
<td>Bookid</td>
<td>Issue date</td>
<td>Return date</td>
</tr>";
while($count>0)
{
while($row = mysqli_fetch_array($result))
{echo "<tr>";
echo "<td>" . $row['libid'] . "</td>";
echo "<td>" . $row['bookid'] . "</td>";
echo "<td>" . $row['issuedate'] . "</td>";
echo "<td>" . $row['returndate'] . "</td>";
echo"</tr>";
}
$count=$count-1;
}

mysqli_close($connection);
?>
</table>
```

Library Management System

4.1.6.4 Code For Book Report

```

<?php
require '../include/connection1.php';
$result = mysqli_query($connection,"SELECT * FROM books")
$count=mysqli_num_rows($result);
echo "<table border='1' style='width=100px'>
<tr>
<td>Book Id</td>
<td>Name</td>
<td>Publication</td>
<td>Author</td>
<td>Subject</td>
<td>Number Of Books</td>
</tr>";
while($count>0)
{
    while($row = mysqli_fetch_array($result))
    {
        echo "<tr>";
        echo "<td>" . $row['code'] . "</td>";
        echo "<td>" . $row['bookname'] . "</td>";
        echo "<td>" . $row['publication'] . "</td>";
        echo "<td>" . $row['author'] . "</td>";
        echo "<td>" . $row['subject'] . "</td>";
        echo "<td>" . $row['numberofbooks'] . "</td>";
        echo"</tr>";
    }
    $count=$count-1;
}
mysqli_close($connection);
?></table>

```