



## SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING

### <ONLINE LIBRARY MANAGEMENT SYSTEM>

**Done by**

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**For the course**

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## **ABSTRACT**

Library management system is a project which aims in developing a computerized system to maintain all the daily work of library. This project has many features which are generally not available in normal library management systems like facility of user login. Manual process of keeping student records, book records, account details, managing employee is very difficult. There are various problems also faced by the student in library such as finding any particular book, information whether book is available or not, searching of books using ISBN number etc. To eliminate this manual system, library management system has been developed. Library Management System will handle all the current issues faced by the students and by its admin personnel.

It has a facility of admin login through which the admin can monitor the whole system. It has a facility where student after logging in their accounts can see list of books issued and its issue date and return date .

Overall, this project of ours is being developed to help the staff of library to maintain the library in the best way possible and also reduce the human efforts.

## **INTRODUCTION**

### **Module 1 – Member Module**

In this module , we are displaying information from the database regarding all the members that are registered. In this module the librarian can add or delete the members registered in the library and only the members who are registered can view the information.

The first part is Adding of members. The initial page displays all the registers members present in our database. In this file the librarian can add a member by filling up all the details such as its address, name, phone number etc.

The second part is Updation of the member. If the member wants to update his/her phone number this could be done with the help of the update option available, after filling up all the new details the database will be updated using the appropriate query.

The third part is Deletion of the member. We have provided an option for the librarian to permanently delete a member from the database. When the librarian click on delete option button present in-front of the member than that particular member will be deleted from the database and the list will be updated.

### **Module 2 – Books Module**

In this module we are displaying information from the database regarding all the books that are available in the library. This option is divided into various categories like books which are lost,damaged, that are subject to replacement etc.

The first file that is books.php displays the books that are not archive. Second tab that is of new\_books.php displays information of new books available in library. Then, it includes option of old\_books.php containing information regarding the old books. Similarly, there is option for lost books and then for damage books. It includes another option for books that are subject to replacement.

This module provides admin a systematic view of all the books divided into various categories, making the task easier for the admin.

In every file of books module, there is an option provided Add Books, which enables the admin to add books in various categories defined above.

### **Module 3 – Search Module**

The search module lets users search for specific book on the site. You can search both for author and for particular book. When you are on the search tab of website, you will be able to search for authors and book available on the library management system.

## **Module 4 – Login and Logout**

The default user for our project is admin. Our project provides the facility for the admin to login and then review all the books and members in the library database. Admin also has an option of adding another person as admin to the system.

## Architecture Diagram:-



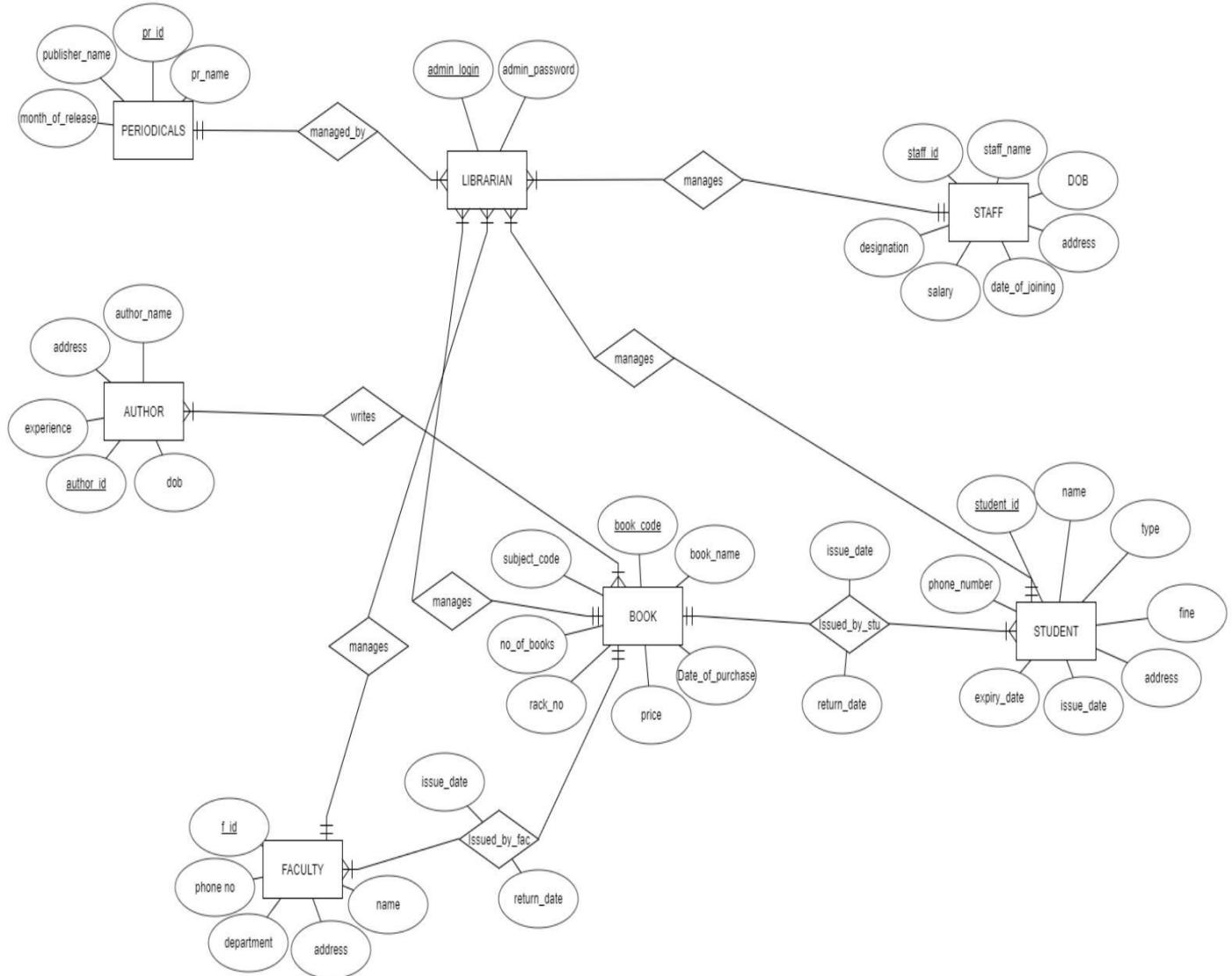
One to One

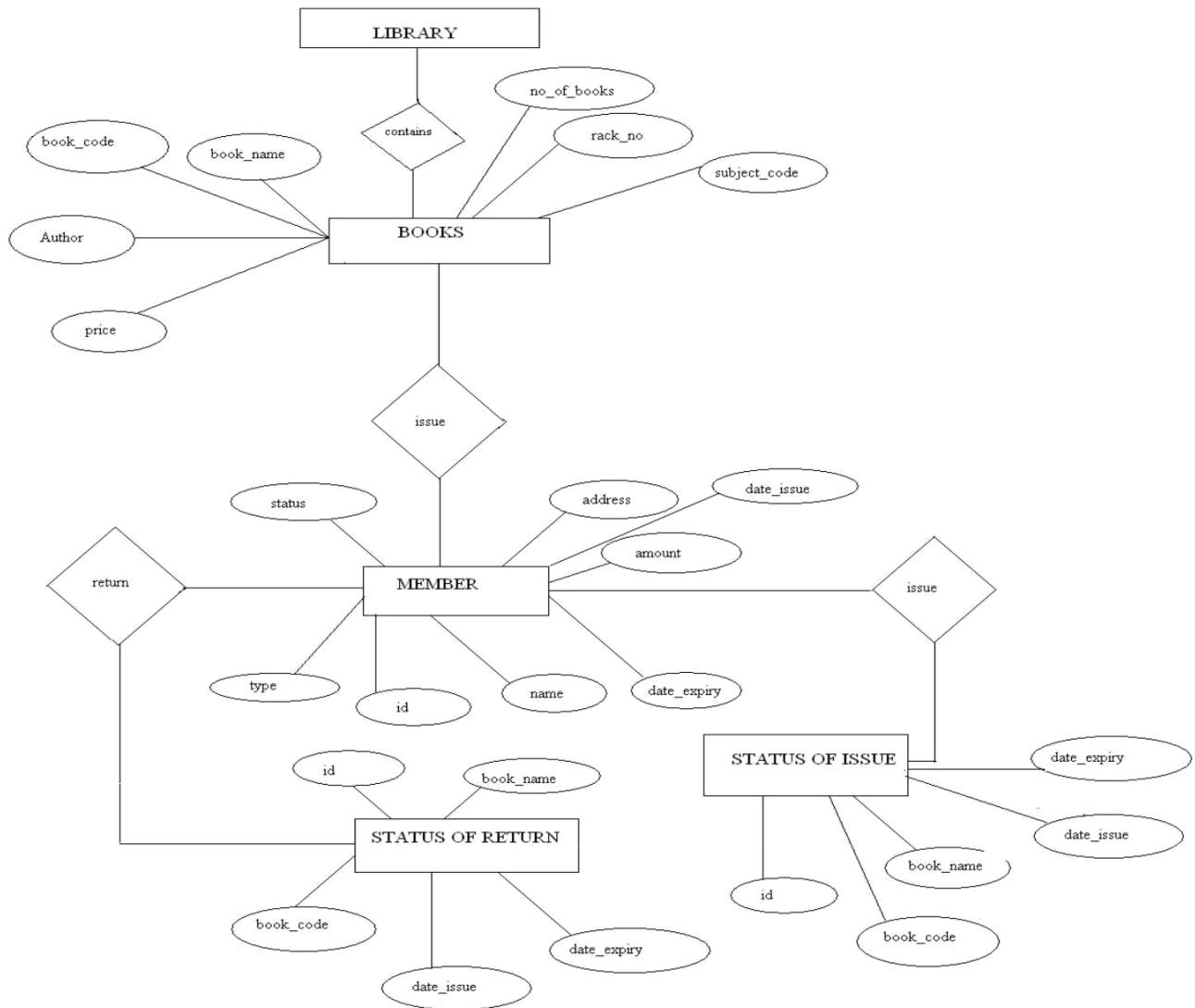


One to Many  
from A to B



Many to Many





## DATA BASE DESIGN

Table: Members

S.no.	Coloum Name	Data Type	Length	Description
1	<u>Id_no</u>	Text	50	Unique identification of the members
2	Name	Text	70	Name of members
3	Address	Text	100	Location of Members
4	Date of Issue	Date/Time		Date of Registration
5	Date of Expiry	Date/Time		Registration expiry date
6	Status	Text	50	Permanent/Temporary

**Table : Add Books**

s.no.	Column Name	Date-Type	Description
1	Book_name	Text	Title of the book
2	Book_code	Text	Book identification number
3	Author	Text	Author of books
4	Date of arrival	Date/time	Date on which book was received
5	Price	Text	Cost of books
6	Rack_no	Text	Almirah no
7	No_of_books	Text	Quantity of books
8	<u>Subject_code</u>	Text	Unique identification no of particular subject

**Table : Issue**

s.no.	Column Type	Date Type	Description
1	<u>Id_no</u>	Text	User identification number
2	Book_name	Text	Title of books
3	Issue_date	Date/time	Date on which book is issued
4	Due_date	Date/time	Due date on which book is to be returned

## CODE

### Members Module

#### *add\_member.php*

```
<?php include('header.php'); ?>
<?php include('session.php'); ?>
<?php include('navbar_member.php'); ?>
<div class="container">
    <div class="margin-top">
        <div class="row">
            <div class="span12">

<div class="alert alert-danger">Add Member</div>
    <p><a href="member.php" class="btn-default"><i class="icon-arrow-left icon-large"></i>&ampnbspBack</a></p>
    <div class="addstudent">
        <div class="details">Please Enter Details Below</div>
        <form class="form-horizontal" method="POST"
action="member_save.php" enctype="multipart/form-data">

            <div class="control-group">
                <label class="control-label"
for="inputEmail">Firstname:</label> <div class="controls">
                    <input type="text" id="inputEmail" name="firstname"
placeholder="Firstname" required>

                </div>
            </div>
            <div class="control-group">
                <label class="control-label"
for="inputPassword">Lastname:</label> <div class="controls">
                    <input type="text" id="inputPassword"
name="lastname" placeholder="Lastname" required>

                </div>
            </div>
            <div class="control-group">
                <label class="control-label"
for="inputPassword">Gender:</label> <div class="controls">
                    <select name="gender" required>
                        <option></option>
                        <option>Male</option>
                        <option>Female</option>
                    </select>
                </div>
            </div>
            <div class="control-group">
                <label class="control-label" for="inputPassword">Address:</label>
```

```

<div class="controls">
    <input type="text" id="inputPassword" name="address"
placeholder="Address" required>
    </div>
</div>
<div class="control-group">
    <label class="control-label" for="inputPassword">Cellphone
Number:</label>
    <div class="controls">
        <input type='tel' pattern="[0-9]{11,11}" class="search"
name="contact" placeholder="Phone Number" autocomplete="off" maxlength="11" >
    </div>
</div>
<div class="control-group">
    <label class="control-label"
for="inputPassword">Type:</label> <div class="controls">
    <select name="type" required>

<option></option>
<option>Student</option>
<option>Teacher</option>
<option></option>

    </select>
</div>
</div>

<div class="control-group">
    <label class="control-label" for="inputPassword">Year
Level:</label> <div class="controls">
    <select name="year_level" >

<option></option>
<option>First Year</option>
<option>Second Year</option>
<option>Third Year</option>
<option>Fourth Year</option>
<option>Faculty</option>

    </select>
</div>
</div>

<div class="control-group">

```

```

        <div class="controls">
            <button name="submit" type="submit" class="btn btn-default"><i class="icon-save icon-large"></i>&ampnbspSave</button>
        </div>
    </div>
</form>
</div>
<?php include('footer.php') ?>

```

### ***update\_member.php***

```

<?php
include('dbcon.php');
if (isset($_POST['submit'])){
$id=$_POST['id'];
$firstname=$_POST['firstname'];
$lastname=$_POST['lastname'];
$gender=$_POST['gender'];
$address=$_POST['address'];
$contact=$_POST['contact'];
$type=$_POST['type'];
$year_level=$_POST['year_level'];
$status=$_POST['status'];

mysql_query("update member set
firstname='$firstname',lastname='$lastname',gender='$gender',address = '$address',contact =
'$contact',type = '$type',year_level = '$year_level',status = '$status' where
member_id='$id'"")or die(mysql_error());

header('location:member.php');
}
?>

```

### ***delete\_member.php***

```

<?php
include('dbcon.php');

$id=$_GET['id'];

mysql_query("delete from member where member_id='$id'"") or die(mysql_error());

header('location:member.php');

```

?>

## BOOK MODULE

### Books.php Code

```
<?php

$user_query=mysql_query("select * from book where status != 'Archive'")or
die(mysql_error());

while($row=mysql_fetch_array($user_query)){

$id=$row['book_id'];
$cat_id=$row['category_id'];
$book_copies = $row['book_copies'];

$borrow_details = mysql_query("select * from borrowdetails where book_id = '$id'
and borrow_status = 'pending'");

$row11 = mysql_fetch_array($borrow_details);

$count = mysql_num_rows($borrow_details);

$total = $book_copies - $count;

/* $t4otal = $book_copies - $borrow_details;

echo $total; */

$cat_query = mysql_query("select * from category where category_id = '$cat_id'")or
die(mysql_error());

$cat_row = mysql_fetch_array($cat_query);

?>

<tr class="del<?php echo $id ?>">

<td><?php echo $row['book_id']; ?></td>

<td><?php echo $row["book_title"]; ?></td>

<td><?php echo $cat_row ['classname']; ?></td>

<td><?php echo $row['author']; ?></td>

<td class="action"><?php echo /* $row['book_copies']; */ $total; ?></td>
```

```

<td><?php echo $row['book_pub']; ?></td>
    <td><?php echo $row['publisher_name']; ?></td>
    <td><?php echo $row['isbn']; ?></td>
    <td><?php echo $row['copyright_year']; ?></td>
    <td><?php echo $row['date_added']; ?></td>
    <td><?php echo $row['status']; ?></td>
    <?php include('tooltip_edit_delete.php'); ?>

<td class="action"><div class="span2">
    <a rel="tooltip" title="Delete" id="<?php echo $id; ?>" href="#delete_book<?php echo $id; ?>" data-toggle="modal" class="btn-default"><i class="icon-trash icon-large"></i></a>
    <?php include('delete_book_modal.php'); ?>
        <div class="span1">
            <a rel="tooltip" title="Edit" id="e<?php echo $id; ?>" href="edit_book.php<?php echo '?id='.$id; ?>" class="btn-default"><i class="icon-pencil icon-large"></i></a>
        </div></div>
    </td>
</tr>
<?php } ?>
</tbody>
</table>
</div>
</div>
</div>
</div>
<?php include('footer.php') ?>

```

## NewBooks.php

```

<?php $user_query=mysql_query("select * from book where status = 'new'")or die(mysql_error());
while($row=mysql_fetch_array($user_query)){
    $id=$row['book_id'];
    $cat_id=$row['category_id'];

```

```

$cat_query = mysql_query("select * from category where category_id = '$cat_id'") or
die(mysql_error());

$cat_row = mysql_fetch_array($cat_query);

?>

<tr class="del"><?php echo $id ?>" <td><?php
echo $row['book_id']; ?></td> <td><?php echo
$row['book_title']; ?></td> <td><?php echo
$cat_row ['classname']; ?></td> <td><?php echo
$row['author']; ?></td>

<td class="action"><?php echo $row['book_copies'];
?></td> <td><?php echo $row['book_pub']; ?></td>
<td><?php echo $row['publisher_name']; ?></td>
<td><?php echo $row['isbn']; ?></td> <td><?php
echo $row['copyright_year']; ?></td> <td><?php
echo $row['date_added']; ?></td> <?php
include('tooltip_edit_delete.php'); ?> <td
class="action">

<div class="span2">
<a rel="tooltip" title="Delete" id="<?php echo $id; ?>" href="#delete_book<?php echo $id; ?>"
data-toggle="modal" class="btn-default"><i class="icon-trash icon-large"></i></a>
<?php include('delete_book_modal.php'); ?>
<div class="span1">
    <a rel="tooltip" title="Edit" id="e<?php echo $id; ?>" href="edit_book.php<?php echo
?id=' . $id; ?>" class="btn-default"><i class="icon-pencil icon-large"></i></a>
</div></div>
</td>
</tr>
<?php } ?>
</tbody>
</table>
</div>

```

```

        </div>
    </div>
</div>

<?php include('footer.php') ?>

```

## **Old Books.php**

```

<?php $user_query=mysql_query("select * from book where status = 'old'")or die(mysql_error());
while($row=mysql_fetch_array($user_query)){
$id=$row['book_id'];
$cat_id=$row['category_id'];
$cat_query = mysql_query("select * from category where category_id = '$cat_id'")or die(mysql_error());
$cat_row = mysql_fetch_array($cat_query);
?>
<tr class="del<?php echo $id ?>">
<td><?php echo $row['book_id']; ?></td>
<td><?php echo $row['book_title']; ?></td>
<td><?php echo $cat_row ['classname']; ?></td>
<td><?php echo $row['author']; ?></td>
<td class="action"><?php echo $row['book_copies'];
?></td> <td><?php echo $row['book_pub']; ?></td>
<td><?php echo $row['publisher_name']; ?></td>
<td><?php echo $row['isbn']; ?></td> <td><?php
echo $row['copyright_year']; ?></td> <td><?php
echo $row['date_added']; ?></td> <?php
include('tooltip_edit_delete.php'); ?> <td
class="action">
<div class="span2">
<a rel="tooltip" title="Delete" id="<?php echo $id; ?>" href="#delete_book<?php echo $id; ?>"
data-toggle="modal" class="btn-default"><i class="icon-trash icon-large"></i></a>

```

```

<?php include('delete_book_modal.php'); ?>
<div class="span1">
<a rel="tooltip" title="Edit" id="e<?php echo $id; ?>" href="edit_book.php<?php echo '?id='.$id; ?>" class="btn-default"><i class="icon-pencil icon-large"></i></a>
</div></div>
</td></tr>
<?php } ?>
</tbody>
</table>
</div>
</div>
</div>
</div>
<?php include('footer.php') ?>

```

## Lost.php

```

<?php $user_query=mysql_query("select * from book where status = 'lost'")or die(mysql_error());
while($row=mysql_fetch_array($user_query)){
$id=$row['book_id'];
$cat_id=$row['category_id'];
$cat_query = mysql_query("select * from category where category_id = '$cat_id'")or die(mysql_error());
$cat_row = mysql_fetch_array($cat_query);
?>
<tr class="del<?php echo $id ?>">
<td><?php echo $row['book_id']; ?></td>
<td><?php echo $row['book_title']; ?></td>
<td><?php echo $cat_row ['classname']; ?></td>
<td><?php echo $row['author']; ?></td>

```

```

<td class="action"><?php echo $row['book_copies'];
?></td> <td><?php echo $row['book_pub']; ?></td>
<td><?php echo $row['publisher_name']; ?></td>
<td><?php echo $row['isbn']; ?></td> <td><?php
echo $row['copyright_year']; ?></td> <td><?php
echo $row['date_added']; ?></td> <?php
include('tooltip_edit_delete.php'); ?> <td
class="action">
<div class="span2">
<a rel="tooltip" title="Delete" id="<?php echo $id; ?>" href="#delete_book<?php echo $id; ?>"
data-toggle="modal" class="btn-default"><i class="icon-trash icon-large"></i></a>
<?php include('delete_book_modal.php'); ?>
<div class="span1">
<a rel="tooltip" title="Edit" id="e<?php echo $id; ?>" href="edit_book.php<?php echo '?id='.$id;
?>" class="btn-default"><i class="icon-pencil icon-large"></i></a>
</div></div>
</td>
</tr>
<?php } ?>
</tbody>
</table>
</div>
</div>
</div>
</div>
<?php include('footer.php') ?>

```

## **Damage.php**

```

<?php $user_query=mysql_query("select * from book where status = 'Damage'" or
die(mysql_error());
while($row=mysql_fetch_array($user_query)){

```

```

$id=$row['book_id'];
$cat_id=$row['category_id'];
$cat_query = mysql_query("select * from category where category_id = '$cat_id'")or
die(mysql_error());
$cat_row = mysql_fetch_array($cat_query);
?>
<tr class="del<?php echo $id ?>">
<td><?php echo $row['book_id']; ?></td>
<td><?php echo $row['book_title']; ?></td>
<td><?php echo $cat_row ['classname']; ?></td>
<td><?php echo $row['author']; ?></td>
<td class="action"><?php echo $row['book_copies'];
?></td> <td><?php echo $row['book_pub']; ?></td>
<td><?php echo $row['publisher_name']; ?></td>
<td><?php echo $row['isbn']; ?></td> <td><?php
echo $row['copyright_year']; ?></td> <td><?php
echo $row['date_added']; ?></td> <?php
include('tooltip_edit_delete.php'); ?>
<td class="action">
<div class="span2">
<a rel="tooltip" title="Delete" id="<?php echo $id; ?>" href="#delete_book<?php echo $id; ?>"
data-toggle="modal" class="btn-default"><i class="icon-trash icon-large"></i></a>
<?php include('delete_book_modal.php'); ?>
<div class="span1">
<a rel="tooltip" title="Edit" id="e<?php echo $id; ?>" href="edit_book.php<?php echo '?id=' . $id;
?>" class="btn-default"><i class="icon-pencil icon-large"></i></a>
</div></div>
</td>
</tr>
<?php } ?>
</tbody>

```

```

</table>
</div>
</div>
</div>
</div>
<?php include('footer.php') ?>

```

## Sub rep.php

```

<?php $user_query=mysql_query("select * from book where status = 'Subject for Replacement'")or
die(mysql_error());

while($row=mysql_fetch_array($user_query)){
$id=$row['book_id'];
$cat_id=$row['category_id'];

$cat_query = mysql_query("select * from category where category_id = '$cat_id'")or
die(mysql_error());

$cat_row =mysql_fetch_array($cat_query);

?>

<tr class="del<?php echo $id ?>">
<td><?php echo $row['book_id']; ?></td>
<td><?php echo $row['book_title']; ?></td>
<td><?php echo $cat_row ['classname']; ?></td>
<td><?php echo $row['author']; ?></td>
<td class="action"><?php echo $row['book_copies'];
?></td> <td><?php echo $row['book_pub']; ?></td>
<td><?php echo $row['publisher_name']; ?></td>
<td><?php echo $row['isbn']; ?></td>
<td><?php echo $row['copyright_year']; ?></td>
<td><?php echo $row['date_added']; ?></td>

```

```

<?php include('tooltip_edit_delete.php'); ?>
<td class="action">
<div class="span2">
<a rel="tooltip" title="Delete" id="<?php echo $id; ?>" href="#delete_book<?php echo $id; ?>" data-toggle="modal" class="btn-default"><i class="icon-trash icon-large"></i></a>
<?php include('delete_book_modal.php'); ?>
<div class="span1">
<a rel="tooltip" title="Edit" id="e<?php echo $id; ?>" href="edit_book.php<?php echo '?id='.$id; ?>" class="btn-default"><i class="icon-pencil icon-large"></i></a>
</div></div>
</td>
</tr>
<?php } ?>
</tbody>
</table>
</div>
</div>
</div>
<?php include('footer.php') ?>

```

## **SEARCH MODULE**

### **AdvanceSearch.php**

```

<?php
$user_query=mysql_query("select * from book where status != 'Archive' and book_title LIKE
'%$title%'OR status != 'Archive' and author LIKE '%$author%'")or die(mysql_error());
while($row=mysql_fetch_array($user_query)){
$id=$row['book_id'];
$cat_id=$row['category_id'];
$book_copies = $row['book_copies'];

```

```

$borrow_details = mysql_query("select * from borrowdetails where book_id = '$id'
and borrow_status = 'pending'");

$row11 = mysql_fetch_array($borrow_details);

$count = mysql_num_rows($borrow_details);

$total = $book_copies - $count;

/* $total = $book_copies - $borrow_details;

echo $total; */

$cat_query = mysql_query("select * from category where category_id = '$cat_id'" or
die(mysql_error()));

$cat_row = mysql_fetch_array($cat_query);

?>

<tr class="del<?php echo $id ?>">

<td><?php echo $row['book_id']; ?></td>

<td><?php echo $row['book_title']; ?></td>

<td><?php echo $cat_row ['classname']; ?></td>

<td><?php echo $row['author']; ?></td>

<td class="action"><?php echo /* $row['book_copies']; */ $total; ?></td>

<td><?php echo $row['book_pub']; ?></td>

<td><?php echo $row['publisher_name']; ?></td>

<td><?php echo $row['isbn']; ?></td> <td><?php
echo $row['copyright_year']; ?></td> <td><?php
echo $row['date_added']; ?></td> <td><?php
echo $row['status']; ?></td> <?php
include('tooltip_edit_delete.php'); ?>

<td class="action">

<a rel="tooltip" title="Delete" id="<?php echo $id; ?>" href="#delete_book<?php echo $id; ?>" data-toggle="modal" class="btn btn-danger"><i class="icon-trash icon-large"></i></a>
<?php include('delete_book_modal.php'); ?>

<a rel="tooltip" title="Edit" id="e<?php echo $id; ?>" href="edit_book.php<?php echo '?id=' . $id; ?>" class="btn btn-success"><i class="icon-pencil icon-large"></i></a>
</td>

```

```

</tr>
<?php>
</tbody>
</table>
</div>
</div>
</div>
</div>
<?php include('footer.php') ?>

```

## Search form.php

```

<div id="myModal" class="modal hide fade" tabindex="-1" role="dialog" aria-
labelledby="myModalLabel" aria-hidden="true">

<div class="modal-header"></div>

<div class="modal-body">

<form class="form-horizontal" method="post" action="advance_search.php">

    <div class="control-group">
        <label class="control-label"
            for="inputEmail"></label> <div class="controls">
            <input type="text" name="title" id="inputEmail"
placeholder="Title">
        </div>
    </div>

    <div class="control-group">
        <label class="control-label"
            for="inputPassword"></label> <div class="controls">
            <input type="text" name="author" id="inputPassword"
placeholder="Author">
        </div>
    </div>

```

```

<div class="control-group">
<div class="controls">
<button type="submit" class="btn btn-default">Search</button>
</div>
</div>
</form>
</div>
<div class="modal-footer">
<button class="btn" data-dismiss="modal" aria-hidden="true">Close</button>
</div>
</div>

```

## **SESSIONS, SIGNUP, LOGIN MODULE**

### **Session.php**

```

<?php
//Start session
session_start();
//Check whether the session variable SESS_MEMBER_ID is present or not
if (!isset($_SESSION['id']) || (trim($_SESSION['id']) == "")) {
header("location: index.php");
exit();
}
$session_id=$_SESSION['id'];
?>

```

### **Login.php**

```

<?php
if (isset($_POST['submit'])) {

```

```

session_start();

$username = $_POST['username'];

$password = $_POST['password'];

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

$result = mysql_query($query) or die(mysql_error());

$num_row = mysql_num_rows($result);

$row=mysql_fetch_array($result);

if( $num_row> 0 ) {

    header('location:dashboard.php');

$_SESSION['id']=$row['user_id'];

}

else{ ?>

<div class="alert alert-danger">Access Denied</div>

<?php

}?

?>

```

## **Logout.php**

```

<?php

session_start();

session_destroy();

header('location:../index.php');

?>

```

## SCREEN SHOTS

### BOOKS MODULE

The screenshot shows a web-based library management system. At the top, there's a navigation bar with links like HOME, USERS, TRANSACTION, BOOKS (which is the active tab), MEMBER, and SEARCH. On the right side of the header is a LOGOUT link. Below the header, a pink banner says "Books Table". Underneath is a toolbar with buttons for ALL, NEW BOOKS, OLD BOOKS, LOST BOOKS, DAMAGE BOOKS, and SUBJECT FOR REPLACEMENT. A search bar labeled "Search:" is also present. The main content area displays a table titled "Add Books" with 100 records per page. The table has columns for ACC NO., BOOK TITLE, CATEGORY, AUTHOR, COPIES, BOOK PUB, PUBLISHER NAME, ISBN, COPYRIGHT YEAR, DATE ADDED, and ACTION. The first few rows of data are:

ACC NO.	BOOK TITLE	CATEGORY	AUTHOR	COPIES	BOOK PUB	PUBLISHER NAME	ISBN	COPYRIGHT YEAR	DATE ADDED	ACTION
18	The Philippine Daily Inquirer	Newspaper	..	3	Pasay City	..	..	2013	2013-12-11 06:41:53	
22	Science and Invention Encyclopedia	Encyclopedia	Clarke Donald, Dartford Mark	16	H.S. Stuttman inc. Publishing	Publisher, Westport Connecticut	0-87475-450-x	1992	2013-12-11 06:52:58	
24	Algebra 2	Math	Glencoe McGraw Hill	15	The McGrawHill Companies Inc.	McGrawhill	978-0-07-873830-2	2008	2013-12-11 06:57:35	
26	English Expressways TextBook for 4th year	References	Virginia Bermudez Ed. O. et al	23	SD Publications, Inc.	Gregorio Araneta Avenue, Quezon City	978-971-0315-33-8	2007	2013-12-11 07:01:25	
27	Asya Pag-	General	Ricardo T. Jose Rizal	21	Vibal Publishing	Araneta Avenue, Quezon City	971-07-2324-3	2008	2013-12-11	

At the bottom of the screen, there's a taskbar with various icons and a system tray showing the date and time as 11/4/2017 2:53 AM.

This screenshot shows the same library management system interface as the previous one, but with a different set of book entries in the table. The table has columns for ACC NO., BOOK TITLE, CATEGORY, AUTHOR, COPIES, BOOK PUB, PUBLISHER NAME, ISBN, COPYRIGHT YEAR, DATE ADDED, STATUS, and ACTION. The first few rows of data are:

ACC NO.	BOOK TITLE	CATEGORY	AUTHOR	COPIES	BOOK PUB	PUBLISHER NAME	ISBN	COPYRIGHT YEAR	DATE ADDED	STATUS	ACTION
17	Algebra 1	Math	Carolyn Bradshaw, Michael Seals	35	Pearson Education, Inc	Prentice Hall, New Jersey	0-13-125087-6	2004	2013-12-11 06:39:17	Damage	
18	The Philippine Daily Inquirer	Newspaper	..	2	Pasay City	..	..	2013	2013-12-11 06:41:53	New	
19	Science in our World	Science	Brian Knapp	25	Regency Publishing Group	Prentice Hall, Inc	0-13-050841-1	1996	2013-12-11 06:44:44	Lost	
20	Literature	References	Greg Glowka	20	Regency Publishing Group	Prentice Hall, Inc	0-13-050841-1	2001	2013-12-11 06:47:44	Old	
21	Lexicon Universal Encyclopedia	Encyclopedia	Lexicon	10	Lexicon Publication	Pulication Inc., Lexicon	0-7172-2043-5	1993	2013-12-11 06:49:53	Old	

At the bottom of the screen, there's a taskbar with various icons and a system tray showing the date and time as 11/4/2017 2:53 AM.

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HOME USERS TRANSACTION BOOKS MEMBER SEARCH LOGOUT

**Books Table**

ALL NEW BOOKS OLD BOOKS LOST BOOKS DAMAGE BOOKS SUBJECT FOR REPLACEMENT

Add Books Print

100 records per page Search:

ACC NO.	BOOK TITLE	CATEGORY	AUTHOR	COPIES	BOOK PUB	PUBLISHER NAME	ISBN	COPYRIGHT YEAR	DATE ADDED	ACTION
20	Literature	References	Greg Glowka	20	Regency Publishing Group	Prentice Hall, Inc	0-13-050841-1	2001	2013-12-11 06:47:44	
21	Lexicon Universal Encyclopedia	Encyclopedia	Lexicon	10	Lexicon Publication	Pulication Inc., Lexicon	0-7172-2043-5	1993	2013-12-11 06:49:53	
29	Beloved a Novel	References	Toni Morrison	13	...	Alfred A. Knoff, Inc	0-394-53597-9	1987	2013-12-11 07:07:02	
30	Silver Burdett English	English	Judy Brim	12	Silver Burdett Company	Silver	0-382-03575-5	1985	2013-12-11 09:22:50	
31	The Corporate Warriors (Six Classic Cases in American Business)	General	Douglas K. Ramsey	8	Houghton Mifflin Company	...	0-395-35487-0	1987	2013-12-11 09:25:32	

Previous | 1 | Next ENG US 2:53 AM 11/4/2017

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For quick access, place your bookmarks here on the bookmarks bar. Import bookmarks now...

HOME USERS TRANSACTION BOOKS MEMBER SEARCH LOGOUT

**Books Table**

ALL NEW BOOKS OLD BOOKS LOST BOOKS DAMAGE BOOKS SUBJECT FOR REPLACEMENT

Add Books Print

100 records per page Search:

ACC NO.	BOOK TITLE	CATEGORY	AUTHOR	COPIES	BOOK PUB	PUBLISHER NAME	ISBN	COPYRIGHT YEAR	DATE ADDED	ACTION
19	Science in our World	Science	Brian Knapp	25	Regency Publishing Group	Prentice Hall, Inc	0-13-050841-1	1996	2013-12-11 06:44:44	

Showing 1 to 1 of 1 entries Previous | 1 | Next →

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HOME USERS TRANSACTION BOOKS MEMBER SEARCH LOGOUT

**Books Table**

ALL NEW BOOKS OLD BOOKS LOST BOOKS DAMAGE BOOKS SUBJECT FOR REPLACEMENT

Add Books Print

100 records per page Search:

ACC NO.	BOOK TITLE	CATEGORY	AUTHOR	COPIES	BOOK PUB	PUBLISHER NAME	ISBN	COPYRIGHT YEAR	DATE ADDED	ACTION
17	Algebra 1	Math	Carolyn Bradshaw, Michael Seals	35	Pearson Education, Inc	Prentice Hall, New Jersey	0-13-125087-6	2004	2013-12-11 06:39:17	
25	Wiki at Panitikan	Newspaper	Lorenza P. Avera	28	JGM & S Corporation	JGM & S Corporation	971-07-1574-7	2000	2013-12-11 06:59:24	
28	Literature [the readers choice]	References	Glencoe McGraw Hill	20	..	the McGrawHill Companies Inc	0-02-817934-X	2001	2013-12-11 07:05:25	

Showing 1 to 3 of 3 entries

← Previous | Next →

PERIYAR EVR CENTRAL LIBRARY

Windows Internet Explorer Mozilla Firefox Google Chrome File Explorer Task View Start Settings Control Panel System

2:54 AM ENG US 11/4/2017

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For quick access, place your bookmarks here on the bookmarks bar. Import bookmarks now...

HOME USERS TRANSACTION BOOKS MEMBER SEARCH LOGOUT

**Books Table**

ALL NEW BOOKS OLD BOOKS LOST BOOKS DAMAGE BOOKS SUBJECT FOR REPLACEMENT

Add Books Print

100 records per page Search:

ACC NO.	BOOK TITLE	CATEGORY	AUTHOR	COPIES	BOOK PUB	PUBLISHER NAME	ISBN	COPYRIGHT YEAR	DATE ADDED	ACTION
No data available in table										

Showing 0 to 0 of 0 entries

← Previous | Next →

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Windows Internet Explorer Mozilla Firefox Google Chrome File Explorer Task View Start Settings Control Panel System

2:54 AM ENG US 11/4/2017

## MEMBER MODULE

## Member Table

X

Add Member

100 ▾ records per page

Search:

NAME	GENDER	ADDRESS	CONTACT	TYPE	YEAR LEVEL	STATUS	ACTION
Alfonso Pancho	Male	E.B. Magalona	009	Student	First Year	Active	
April Joy Aguilar	Female	E.B. Magalona	00	Student	Second Year	Banned	
Chairly Joy Punzalan	Female	E.B. Magalona	12423	Teacher	Faculty	Active	
Chinie marie Laborosa	Female	E.B. Magalona	902101	Student	Second Year	Active	
Eleazar Duterte	Male	E.B. Magalona	90902	Student	Second Year	Active	
Ellen Mae Espino	Female	E.B. Magalona	123	Student	First Year	Active	
Jonathan Antanilla	Male	E.B. Magalona	0032	Student	Fourth Year	Active	
Kristine May Dela Rosa	Female	Silay City	1321	Student	Second Year	Active	
Mark Sanchez	Male	Talisay	212010	Teacher	Faculty	Active	
Renzo Bryan Pedroso	Male	Silay City	03030	Student	Third Year	Active	
Ruby Morante	Female	E.B. Magalona		Teacher	Faculty	Active	
Ruth Magbanua	Female	E.B. Magalona	9340	Student	Second Year	Active	
Shaina Marie Gabino	Female	Silay City	132134	Student	Second Year	Active	

Showing 1 to 13 of 13 entries

← Previous | Next →

## PERIYAR EVR CENTRAL LIBRARY

## Edit Member

## Member Table

X

Add Member

100 ▾ records per page

Search:

NAME	GENDER	ADDRESS	CONTACT	TYPE	YEAR LEVEL	STATUS	ACTION
Alfonso Pancho	Male	E.B. Magalona	009	Student	First Year	Active	
April Joy Aguilar	Female	E.B. Magalona	00	Student	Second Year	Banned	
Chairly Joy Punzalan	Female	E.B. Magalona	12423	Teacher	Faculty	Active	
Chinie marie Laborosa	Female	E.B. Magalona	902101	Student	Second Year	Active	
Eleazar Duterte	Male	E.B. Magalona	90902	Student	Second Year	Active	
Ellen Mae Espino	Female	E.B. Magalona	123	Student	First Year	Active	
Jonathan Antanilla	Male	E.B. Magalona	0032	Student	Fourth Year	Active	
Kristine May Dela Rosa	Female	Silay City	1321	Student	Second Year	Active	
Mark Sanchez	Male	Talisay	212010	Teacher	Faculty	Active	
Renzo Bryan Pedroso	Male	Silay City	03030	Student	Third Year	Active	
Ruby Morante	Female	E.B. Magalona		Teacher	Faculty	Active	
Ruth Magbanua	Female	E.B. Magalona	9340	Student	Second Year	Active	
Shaina Marie Gabino	Female	Silay City	132134	Student	Second Year	Active	

Showing 1 to 13 of 13 entries

← Previous | Next →

## PERIYAR EVR CENTRAL LIBRARY

localhost:8080/library/librarian/edit\_member.php?id=54

Edit Member

◀ Back

## Please Enter Details Below

FIRSTNAME:	Alfonso
LASTNAME:	Pancho
GENDER:	Male
ADDRESS:	E.B. Magalona
CONTACT:	Phone Number
TYPE:	Student
YEAR LEVEL:	First Year
STATUS:	Active

Update

## PERIYAR EVR CENTRAL LIBRARY

Update:-

Edit Member

◀ Back

## Please Enter Details Below

FIRSTNAME:	Alfonso
LASTNAME:	Rochell
GENDER:	Male
ADDRESS:	E.B. Magalona
CONTACT:	Phone Number
TYPE:	Student
YEAR LEVEL:	First Year
STATUS:	Active

Update

## PERIYAR EVR CENTRAL LIBRARY

**Info was updated**

**Member Table**

Add Member

100 records per page

Search:

NAME	GENDER	ADDRESS	CONTACT	TYPE	YEAR LEVEL	STATUS	ACTION
Alfonso Rochell	Male	E.B. Magalona		Student	First Year	Active	
April Joy Aguilar	Female	E.B. Magalona	00	Student	Second Year	Banned	
Chairty Joy Punzalan	Female	E.B. Magalona	12423	Teacher	Faculty	Active	
Chinie marie Laborosa	Female	E.B. Magalona	902101	Student	Second Year	Active	
Eleazar Duterte	Male	E.B. Magalona	90902	Student	Second Year	Active	
Ellen Mae Espino	Female	E.B. Magalona	123	Student	First Year	Active	
Jonathan Antanilla	Male	E.B. Magalona	0032	Student	Fourth Year	Active	
Kristine May Dela Rosa	Female	Silay City	1321	Student	Second Year	Active	
Mark Sanchez	Male	Talisay	212010	Teacher	Faculty	Active	
Renzo Bryan Pedroso	Male	Silay City	03030	Student	Third Year	Active	
Ruby Morante	Female	E.B. Magalona		Teacher	Faculty	Active	
Ruth Magbanua	Female	E.B. Magalona	9340	Student	Second Year	Active	
Shaina Marie Gabino	Female	Silay City	132134	Student	Second Year	Active	

Showing 1 to 13 of 13 entries

← Previous | Next →

**PERIYAR EVR CENTRAL LIBRARY****Delete:**

**Member Table**

Add Member

100 records per page

Search:

NAME	GENDER	ADDRESS	CONTACT	TYPE	YEAR LEVEL	STATUS	ACTION	Delete
Alfonso Pancho	Male	E.B. Magalona	009	Student	First Year	Active		
April Joy Aguilar	Female	E.B. Magalona	00	Student	Second Year	Banned		
Chairty Joy Punzalan	Female	E.B. Magalona	12423	Teacher	Faculty	Active		
Chinie marie Laborosa	Female	E.B. Magalona	902101	Student	Second Year	Active		
Eleazar Duterte	Male	E.B. Magalona	90902	Student	Second Year	Active		
Ellen Mae Espino	Female	E.B. Magalona	123	Student	First Year	Active		
Jonathan Antanilla	Male	E.B. Magalona	0032	Student	Fourth Year	Active		
Kristine May Dela Rosa	Female	Silay City	1321	Student	Second Year	Active		
Mark Sanchez	Male	Talisay	212010	Teacher	Faculty	Active		
Renzo Bryan Pedroso	Male	Silay City	03030	Student	Third Year	Active		
Ruby Morante	Female	E.B. Magalona		Teacher	Faculty	Active		
Ruth Magbanua	Female	E.B. Magalona	9340	Student	Second Year	Active		
Shaina Marie Gabino	Female	Silay City	132134	Student	Second Year	Active		

Showing 1 to 13 of 13 entries

← Previous | Next →

**PERIYAR EVR CENTRAL LIBRARY**

localhost:8080/library/librarian/member.php#delete\_student54

The screenshot shows a table of member data with a delete confirmation dialog overlaid. The dialog asks 'Are you Sure you want to Delete this Data?' with 'Yes' and 'Close' buttons.

**Member Table**

NAME	GENDER	ADDRESS	CONTACT	TYPE	YEAR LEVEL	STATUS	ACTION
Alfonso Rochell	Male	E.B. Magalona	00	Student	Second Year	Banned	
April Joy Aguilar	Female	E.B. Magalona	12423	Teacher	Faculty	Active	
Charity Joy Punzalan	Female	E.B. Magalona	902101	Student	Second Year	Active	
Chinie marie Laborosa	Female	E.B. Magalona	90902	Student	Second Year	Active	
Eleazar Duterte	Male	E.B. Magalona	123	Student	First Year	Active	
Ellen Mae Espino	Female	E.B. Magalona	0032	Student	Fourth Year	Active	
Jonathan Antanilla	Male	E.B. Magalona	1321	Student	Second Year	Active	
Kristine May Dela Rosa	Female	Silay City	212010	Teacher	Faculty	Active	
Mark Sanchez	Male	Talisay	03030	Student	Third Year	Active	
Renzo Bryan Pedroso	Male	Silay City	9340	Student	Second Year	Active	
Ruby Morante	Female	E.B. Magalona		Teacher	Faculty	Active	
Ruth Magbanua	Female	E.B. Magalona	132134	Student	Second Year	Active	
Shaina Marie Gabino	Female	Silay City					

Showing 1 to 13 of 13 entries

← Previous | Next →

PERIYAR EVR CENTRAL LIBRARY

## Successfully deleted table

The screenshot shows the same member table as before, but with one less row (the 13th row) due to the successful deletion. The table structure and data remain the same.

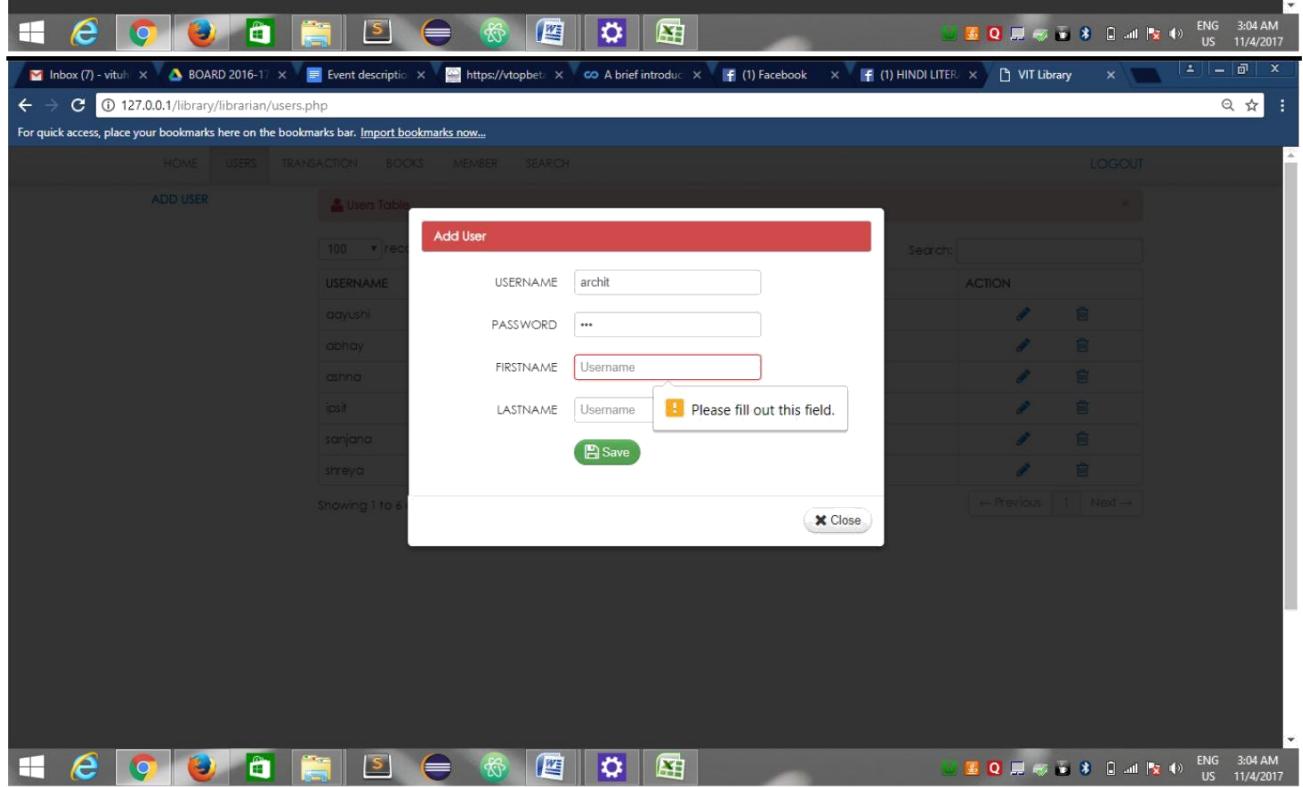
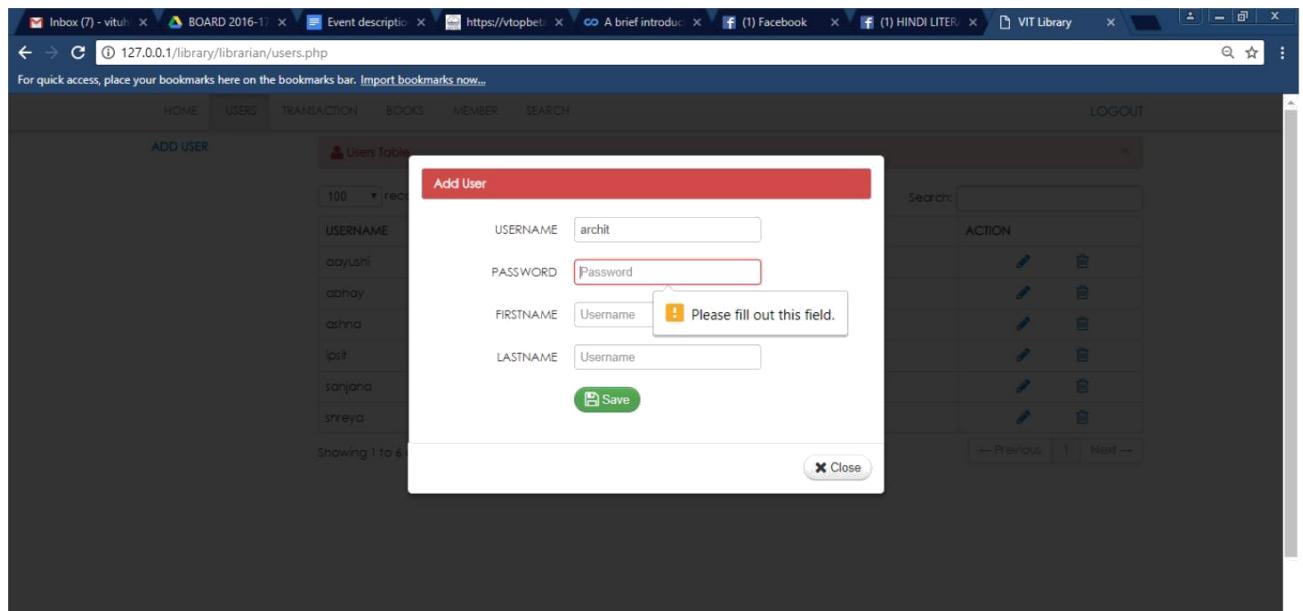
**Member Table**

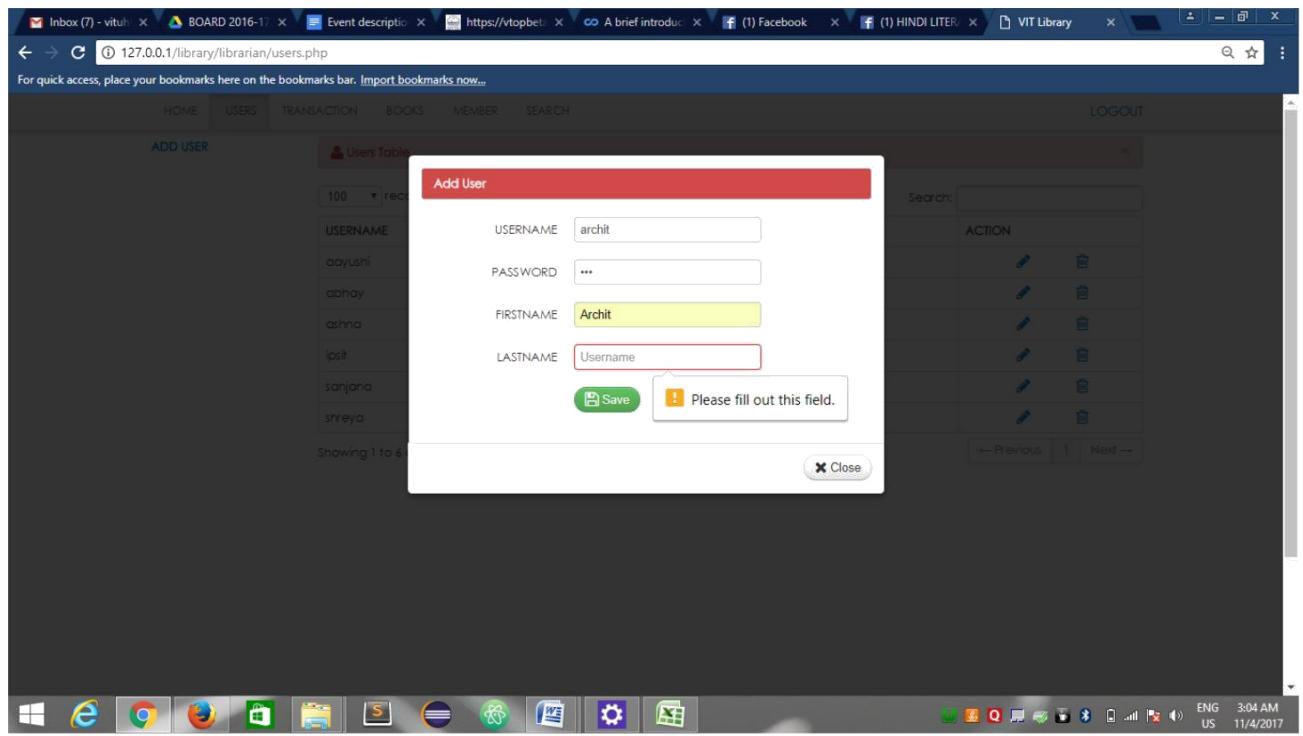
NAME	GENDER	ADDRESS	CONTACT	TYPE	YEAR LEVEL	STATUS	ACTION
Alfonso Rochell	Male	E.B. Magalona		Student	First Year	Active	
April Joy Aguilar	Female	E.B. Magalona	00	Student	Second Year	Banned	
Charity Joy Punzalan	Female	E.B. Magalona	12423	Teacher	Faculty	Active	
Eleazar Duterte	Male	E.B. Magalona	90902	Student	Second Year	Active	
Ellen Mae Espino	Female	E.B. Magalona	123	Student	First Year	Active	
Jonathan Antanilla	Male	E.B. Magalona	0032	Student	Fourth Year	Active	
Kristine May Dela Rosa	Female	Silay City	1321	Student	Second Year	Active	
Mark Sanchez	Male	Talisay	212010	Teacher	Faculty	Active	
Renzo Bryan Pedroso	Male	Silay City	03030	Student	Third Year	Active	
Ruby Morante	Female	E.B. Magalona		Teacher	Faculty	Active	
Ruth Magbanua	Female	E.B. Magalona	9340	Student	Second Year	Active	
Shaina Marie Gabino	Female	Silay City	132134	Student	Second Year	Active	

Showing 1 to 12 of 12 entries

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PERIYAR EVR CENTRAL LIBRARY





## SEARCH MODULE

The screenshot shows a web browser window with multiple tabs open. The active tab is '127.0.0.1/library/librarian/advance\_search.php'. The page title is 'Books Table'. At the top, there are navigation links: HOME, USERS, TRANSACTION, BOOKS (which is selected), MEMBER, and SEARCH. On the right, there is a 'LOGOUT' link. Below the navigation, there is a search bar with a magnifying glass icon and a 'Print' link. A dropdown menu shows 'ALL', 'NEW BOOKS', 'OLD BOOKS', 'LOST BOOKS', 'DAMAGE BOOKS', and 'SUBJECT FOR REPLACEMENT'. The main content area displays a table titled 'Add Books' with one entry:

ACC NO.	BOOK TITLE	CATEGORY	AUTHOR	COPIES	BOOK PUB	PUBLISHER NAME	ISBN	COPYRIGHT YEAR	DATE ADDED	STATUS	ACTION
33	Test	Periodical	Test	6	Test	Test	Test	0	2017-11-04 02:55:00	Damage	

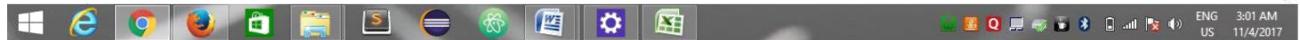
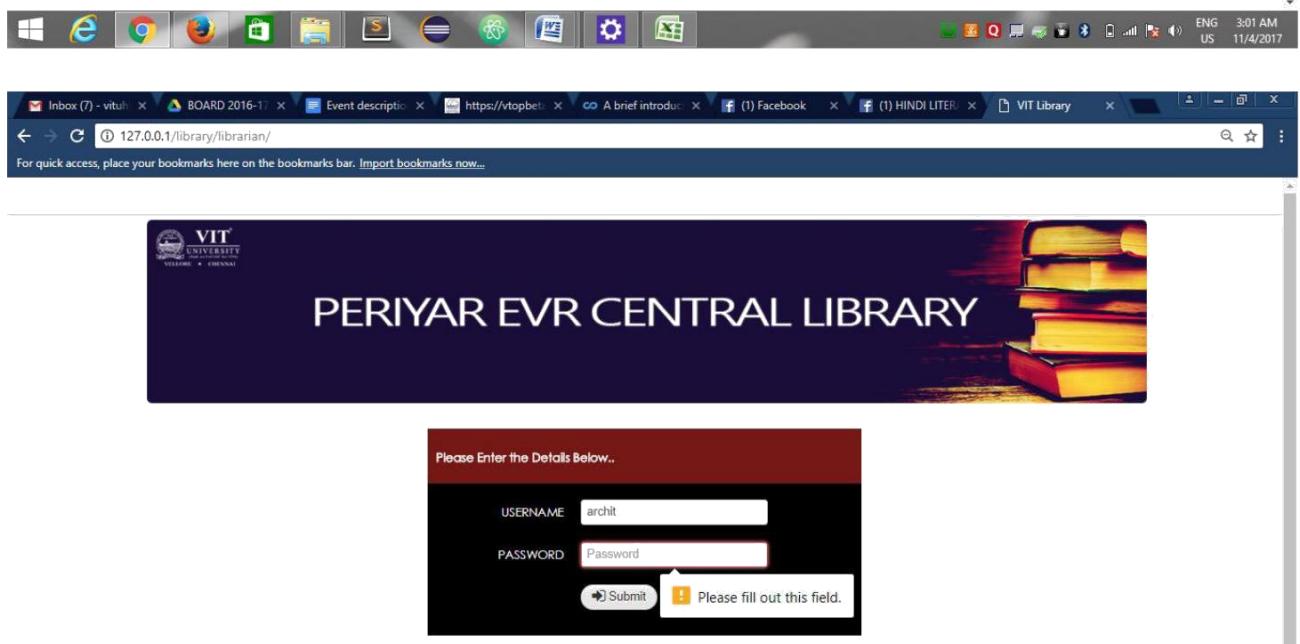
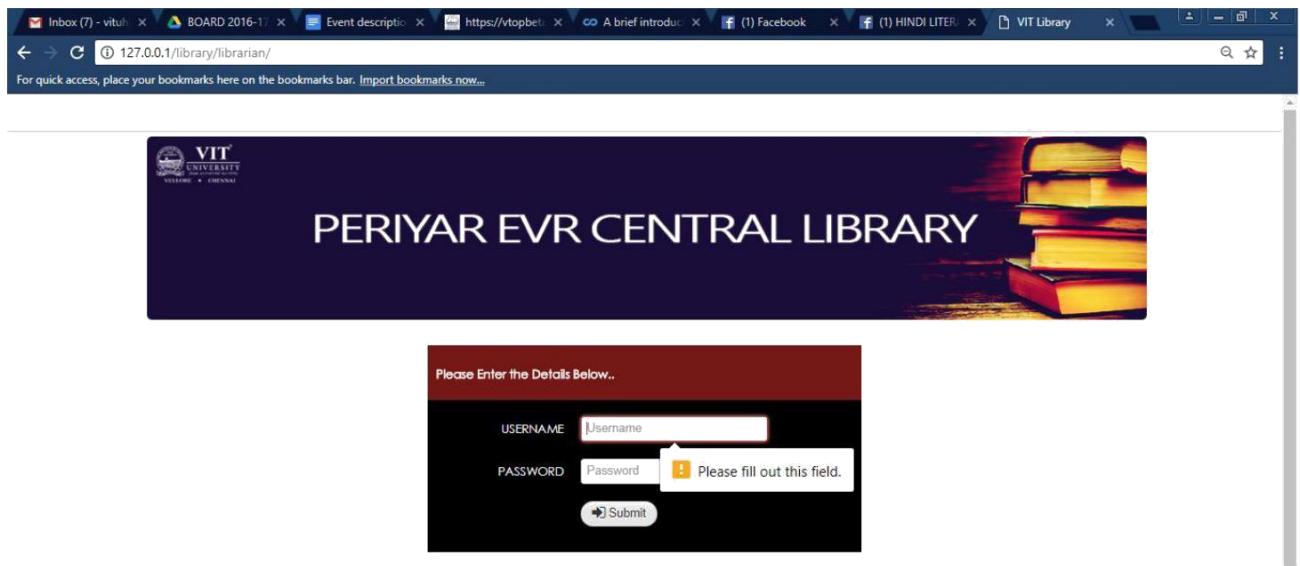
Below the table, it says 'Showing 1 to 1 of 1 entries'. At the bottom right are links for 'Previous', '1', and 'Next'.



## LOGIN AND LOGOUT

The screenshot shows the login page of the VIT Library. The header includes the VIT logo and the text 'PERIYAR EVR CENTRAL LIBRARY'. The main form has a red header with the text 'Please Enter the Details Below..'. It contains two input fields: 'USERNAME' and 'PASSWORD', each with a corresponding placeholder ('Username' and 'Password'). Below the fields is a 'Submit' button with a small arrow icon.





## **CONCLUSION**

This website provides a computerized version of library management system which will benefits the staff of the library.

It makes entire process online where librarian can search books. Through this project, librarian can digitally monitor the status of books. It also helps in maintaining a systematic and structured database for newly issued, old as well as damaged books.

It also provides an opportunity to the librarian to maintain a student database and manage it accordingly, reducing the paper work.

**There is a futurescope of this facility that many more features such as online lectures video tutorials can be added by teachers as well online assignments submissions facility. A feature of groupchat where student can discuss various issues can be added to this project thus it making it more interactive.**

## REFERENCES

- ② [http://www.w3schools.com/html/html\\_intro.asp](http://www.w3schools.com/html/html_intro.asp)
- ② [http://www.w3schools.com/css/css\\_background.asp](http://www.w3schools.com/css/css_background.asp)
- ② [http://www.w3schools.com/js/js\\_datatypes.asp](http://www.w3schools.com/js/js_datatypes.asp)
- ② [http://www.w3schools.com/sql/sql\\_insert.asp](http://www.w3schools.com/sql/sql_insert.asp)
- ② [http://www.w3schools.com/sql/sql\\_update.asp](http://www.w3schools.com/sql/sql_update.asp)
- ② [http://www.w3schools.com/php/php\\_forms.asp](http://www.w3schools.com/php/php_forms.asp)