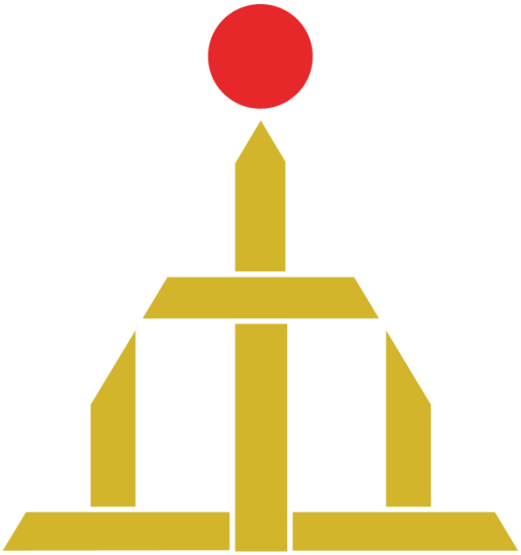


भारतीय सूचना प्रौघोगिकी संस्थान भागलपुर
Indian Institute of Information Technology
Bhagalpur

LIBRARY MANAGEMENT SYSTEM

Created by

Akash Kumar Sahu		**170101005**
Krishang Agarwal		**170101020**
Mehul Tyagi (Leader)		**170101024**
Nitish Rawat		**170101033**

For the course

Course Code: CS311
Course Name: Software Engineering Laboratory
Semester: Autumn' 19

Certificate

This is to certify that the group of following students of 3rd year 5th semester in the Branch of Computer Science and Engineering has successfully completed a project entitled "Library Management System" under the guidance of Dr. Biswajit R. Bhowmik during the academic year 2019-2020. The project had been prescribed towards automation of the existing system at the Institute and for consideration in partial fulfillment of the Software Engineering course curriculum of the Institute leading to the award of semester examination of July – December 2019.

The project work is originally carried out by them, a bona fide work of them, and may be considered as their mark of proficiency at the beginning level in Software Development.

Project Members

1. *Mehul Tyagi (170101024), Team Leader*
2. *Akash Kumar Sahu (170101005)*
3. *Nitish Rawat (170101033)*
4. *Krishang Agarwal (170101020)*

Dr. Biswajit R. Bhowmik	*Dr. Pradeep Kumar Biswal*
Project Supervisor	*Faculty-in-Charge*

Contents

Certificate 2
Contents 3
ABSTRACT 5
Core Features 6
Additional Features 6
Technology Stack Used 7
Requirement 7
Steps to Install XAMPP: 7
Steps to Install PHP: 7
Steps to Install MySQL from a ZIP Archive package: 8
INTRODUCTION 9
Module 1 – Member Module 9
Module 2 – Books Module 10
Module 3 – Search Module 10
Module 4 – Login and Logout 11
Module 5 - Signup for New Uses 11
Architecture Diagram: - 12
DATA BASE DESIGN 14
Table: Members 14
Table: Add Books 15
Table: Issue 16
CODE 17
Members Module 17
add_member.php 17
update_member.php 20
delete_member.php 20
BOOK MODULE 21
Books.php Code 21
SEARCH MODULE 24
AdvanceSearch.php 24
SESSIONS, SIGNUP,LOGIN MODULE 27

Session.php 27
Login.php 27
Logout.php 28
SCREEN SHOTS 29
CONCLUSION 41
Future Aspects 41
REFERENCES 42

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.

Core Features

- Searching of books
- Issuing and returning books
- Check fines (if any)
- Librarian can read information about any member
- Librarian can track the books issued by a particular student
- Librarian can add/remove any member(student).
- Librarian can add/delete books
- Librarian can update the availability status of the books

Additional Features

Admin Dashboard deal with the following :

- Displaying all members records.
- Displaying all books records.
- Update Book Records.
- Delete Book Records
- Add Book Records
- Add Member/Student Records
- Delete Member/Student Records
- Update Member/Student Records.

Technology Stack Used

- Front End - **HTML**, **CSS**, **JavaScript**
- Back End - **PHP**
- Database – **MySql**

Requirement

The source code of this project is written in PHP. So, you'll require WAMP/XAMPP/MAMP to run this project.

Steps to Install XAMPP:

1. Click XAMPP for Windows. It's a grey button near the bottom of the page.
2. Double-click the downloaded file.
3. Click Yes when prompted.
4. Click Next.
5. Select aspects of XAMPP to install.
6. Click Next.
7. Select an installation location.
8. Click OK.

Steps to Install PHP:

1. Step 1: Download the files. Download the latest PHP 5 ZIP package from www.php.net/downloads.php.
2. Step 2: Extract the files.
3. Step 3: Configure php.

4. Step 4: Add C:\php to the path environment variable. ...
5. Step 5: Configure PHP as an Apache module. ...
6. Step 6: Test a PHP file.

Steps to Install MySQL from a ZIP Archive package:

1. Extract the archive to the desired install directory
2. Create an option file
3. Choose a MySQL server type
4. Start the MySQL server
5. Secure the default user accounts

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 Updating 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 clicks 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.

- Books present in the library can be searched
- The books can be searched on various parameters such as

- Subject wise Search- If a student wants a book related to open source programming then system will show all the books related to osp present in the library .
- Author Wise Search- Can search a book on particular author. The system will show all the books on that author available in the library
- Year Wise Search- Searching a book based on particular edition will be available.

Module 4 – Login and Logout

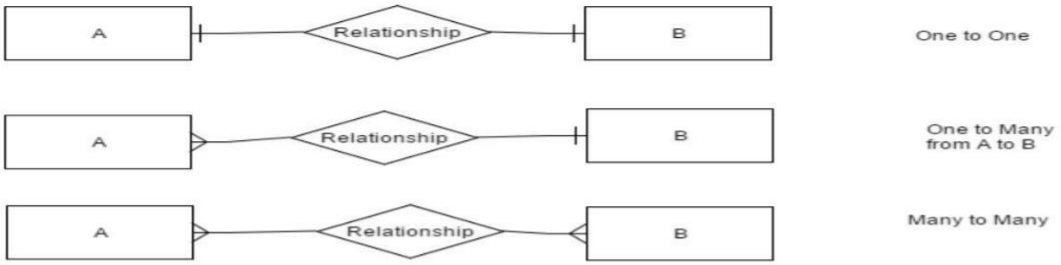
The default user for our project is admin. Our project provides the facility for the admin to login and then review all the books and members in the library database. Admin also has an option of adding another person as admin to the system.

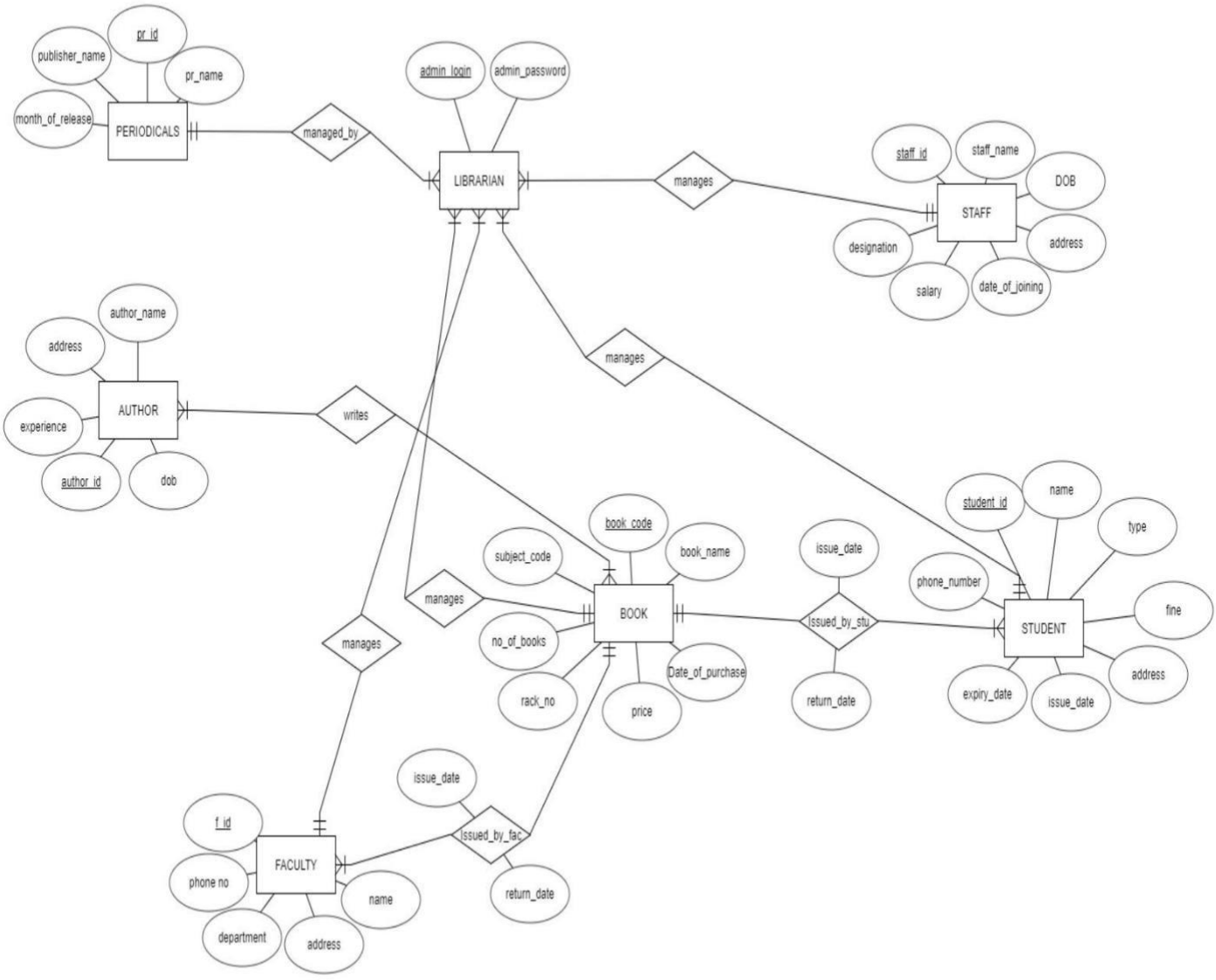
- Authentication of the user will be there.
- Username and password will be matched from our database. Once both username and password matches, then only a user is allowed to enter into the system.
- Similarly, for admin there will be an authentication system.

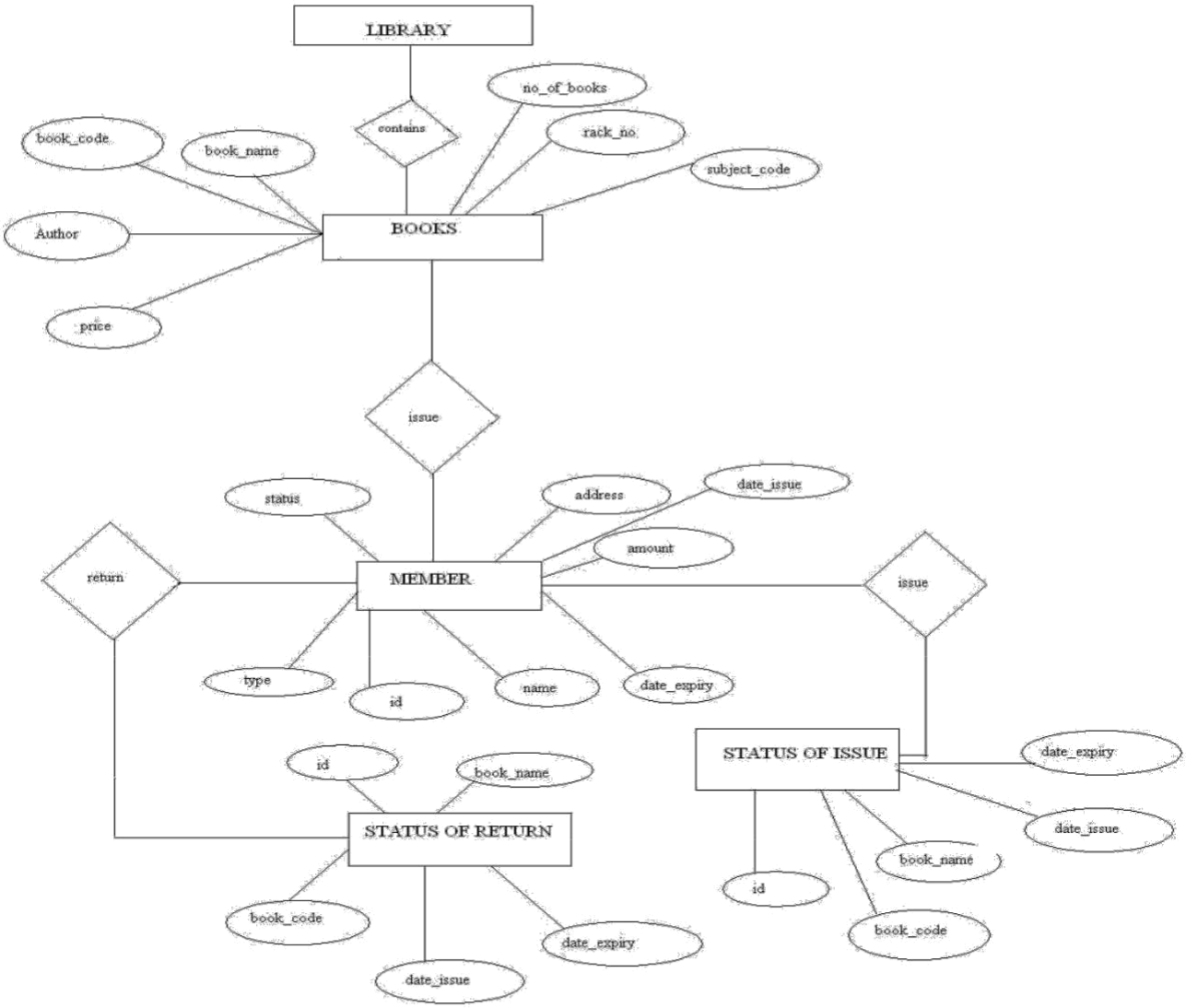
Module 5 - Signup for New Uses

- For new users there will be sign up option
- Various details like member id, username, password, email, year level etc. will be taken from the user and then it will be updated in our database.
- After this, the user will be redirected to the login page.

Architecture Diagram: -






LIBRARY
contains
no_of_books
rack_no
subject_code
book_code
book_name
Author
price
BOOKS
issue
status
address
date_issue
amount
return
MEMBER
issue
type
id
name
date_expiry
id
book_name
STATUS OF RETURN
book_code
date_expiry
date_issue
STATUS OF ISSUE
date_expiry
date_issue
book_name
id
book_code

DATA BASE DESIGN

Table: Members

S.no.	Coloum Name	Data Type	Length	Description
1	Id_no	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	Subject_code	Text	Unique identification no of particular subject

Table: Issue

s.no.	Column Type	Date Type	Description
1	Id_no	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> Back</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">Member ID:</label>
                        <div class="controls">
                        <input type="text" id="inputEmail" name="mem_id"
placeholder="ID" required>
                        </div>
                </div>
                <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>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="inputEmail">Email ID:</label>
	<div class="controls">
	<input type="email" id="inputEmail" name="Email"
placeholder="Email" 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]{10,10}" 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>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> Save</button>
                        </div>
                </div>
   </form>
                        </div>
                        </div>
                        </div>
                </div>
   </div>
<?php include('footer.php') ?>
```

update_member.php

```
<?php
include('dbcon.php');
if (isset($_POST['submit'])){
$id=$_POST['id'];
$member_id=$_POST['mem_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'];

mysqli_query($con,"update member set
member_id='$member_id',firstname='$firstname',lastname='$lastname',gender='$gender',add
ress = '$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'];
mysqli_query($con,"delete from member where member_id='$id'") or die(mysql_error());
```

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

BOOK MODULE

Books.php Code

```
<?php include('header.php'); ?>
<?php include('session.php'); ?>
<?php include('navbar_books.php'); ?>
   <div class="container">
                  <div class="margin-top">
                        <div class="row">
                        <div class="span12">
                          <div class="alert alert-danger">
                        <button type="button" class="close" data-
dismiss="alert">&times;</button>
                        <strong><i class="icon-user icon-large"></i> Books
Table</strong>
                     </div>
                                          <!--  -->
                                                <ul class="nav nav-pills nav-
justified">
                                                      <li
class="active"><a href="books.php">All</a></li>
                                                      <li><a
href="new_books.php">New Books</a></li>
                                                      <li><a
href="old_books.php">Old Books</a></li>
                                                      <li><a
href="lost.php">Lost Books</a></li>
                                                      <li><a
href="damage.php">Damage Books</a></li>
                                                      <li><a
href="sub_rep.php">Subject for Replacement</a></li>
                                                </ul>
                                          <!--  -->
                                          <center class="title">
```

```
                                        <h1>Books List</h1>
                                        </center>
                    <table cellpadding="0" cellspacing="0" border="0" class="table  table-
bordered" id="example">
                                                                <div class="pull-right">
                                                                <a href=""
onclick="window.print()" class="btn-deafult"></i> Print</a>
                                                                </div>
                                                                <p><a href="add_books.php"
class="btn-default"> Add Books</a></p>



                        <thead>
                          <tr>
                                                                        <th>S No.</th>
                            <th>Book Title</th>
                            <th>Category</th>
                                                                                <th>Author</th>
                                                                                <th
class="action">copies</th>
                                                                                <th>Book
Pub</th>
                                                                                <th>Publisher
Name</th>
                                                                                <th>ISBN</th>
                                                                                <th>Copyright
Year</th>
                                                                                <th>Date
Added</th>
                                                                                <th>Status</th>
                                                                                <th
class="action">Action</th>
                          </tr>
                        </thead>
                        <tbody>

                          <?php  $user_query=mysqli_query($con,"select * from book where
status != 'lost'")or die(mysql_error());

        while($row=mysqli_fetch_array($user_query)){
                                                                        $id=$row['book_id'];

        $cat_id=$row['category_id'];
                                                                        $book_copies =
$row['book_copies'];
```

```
                                                                $borrow_details =
mysqli_query($con,"select * from borrowdetails where book_id = '$id' and borrow_status =
'pending'");
                                                                $row11 =
mysqli_fetch_array($borrow_details);
                                                                $count =
mysqli_num_rows($borrow_details);
                                                                $total =  $book_copies  -
$count;

                                                                $cat_query =
mysqli_query($con, "select * from category where category_id = '$cat_id'")or
die(mysql_error());
                                                                $cat_row =
mysqli_fetch_array($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('toolttip_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') ?>
```

SEARCH MODULE

AdvanceSearch.php

```
<?php include('header.php'); ?>
<?php include('session.php'); ?>
<?php include('navbar_books.php'); ?>
<?php
$title = $_POST['title'];
/* $category = $_POST['category']; */
$author = $_POST['author'];
?>

   <div class="container">
                <div class="margin-top">
                        <div class="row">
                        <div class="span12">
```

```
                        <div class="alert alert-danger">
                    <button type="button" class="close" data-
dismiss="alert">&times;</button>
                        <strong><i class="icon-user icon-large"></i> Books Table</strong>
                    </div>
                                            <!--  -->
                                                                <ul class="nav nav-pills">
                                                                    <li
class="active"><a href="books.php">All</a></li>
                                                                    <li><a
href="new_books.php">New Books</a></li>
                                                                    <li><a
href="old_books.php">Old Books</a></li>
                                                                    <li><a
href="lost.php">Lost Books</a></li>
                                                                    <li><a
href="damage.php">Damage Books</a></li>
                                                                    <li><a
href="sub_rep.php">Subject for Replacement</a></li>
                                                            </ul>
                                            <!--  -->
                                            <center class="title">
                                            <h1>Books List</h1>
                                            </center>
                <table cellpadding="0" cellspacing="0" border="0" class="table  table-bordered"
id="example">
                                                            <div class="pull-right">
                                                            <a href=""
onclick="window.print()" class="btn-default"> Print</a>
                                                            </div>
                                                            <p><a href="add_books.php"
class="btn-default"> Add Books</a></p>

                    <thead>
                      <tr>
                                                                <th>S No.</th>
                        <th>Book Title</th>
                        <th>Category</th>
                                                                    <th>Author</th>
                                                                    <th
class="action">copies</th>
                                                                    <th>Book
Pub</th>
                                                                    <th>Publisher
Name</th>
                                                                    <th>ISBN</th>
                                                                    <th>Copyright
Year</th>
                                                                    <th>Date
Added</th>
                                                                    <th>Status</th>
                                                                    <th
class="action">Action</th>
                      </tr>
                    </thead>
                    <tbody>

                     <?php


$user_query=mysqli_query($con,"select * from book where status != 'Archive' and book_title
LIKE  '%$title%'
                                                            OR status != 'Archive' and author
LIKE '%$author%'")or die(mysql_error());

          while($row=mysqli_fetch_array($user_query)){
                                                                $id=$row['book_id'];
```

```
        $cat_id=$row['category_id'];
                                                                $book_copies =
$row['book_copies'];

                                                                $borrow_details =
mysqli_query($con,"select * from borrowdetails where book_id = '$id' and borrow_status =
'pending'");
                                                                $row11 =
mysqli_fetch_array($borrow_details);
                                                                $count =
mysqli_num_rows($borrow_details);

                                                                $total =  $book_copies  -
$count;
                                                                /* $t4otal =  $book_copies
- $borrow_details;

                                                                echo $total; */
                                                                        $cat_query
= mysqli_query($con,"select * from category where category_id = '$cat_id'")or
die(mysql_error());
                                                                        $cat_row =
mysqli_fetch_array($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('toolttip_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') ?>
```

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

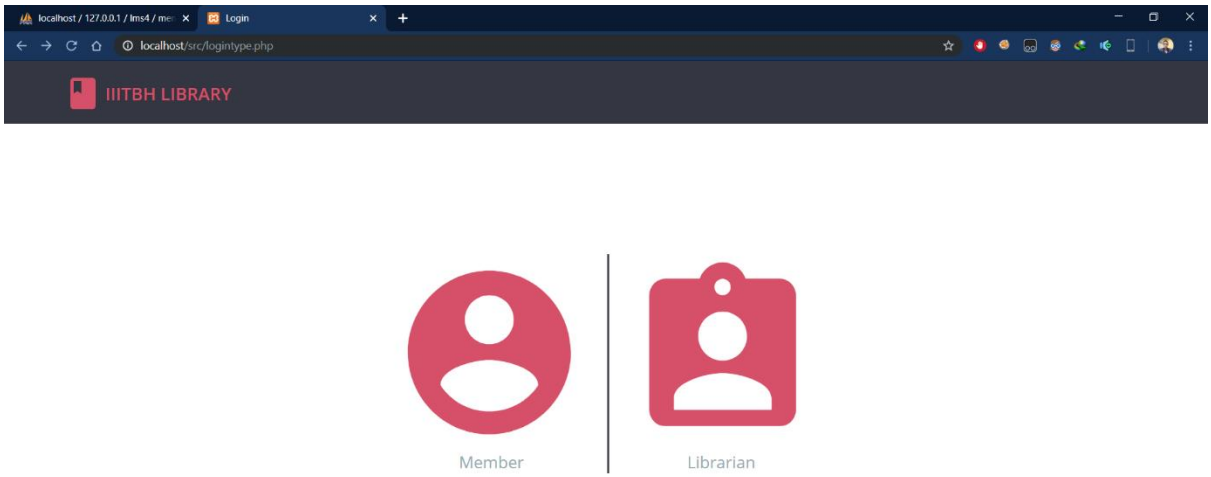
```
<?php
if (isset($_POST['submit']))
{
session_start();
$username = $_POST['username'];
$password = $_POST['password'];
$query = "SELECT * FROM users WHERE username='$username' AND
password='$password'";
$result = mysqli_query($con,$query)or die(mysql_error());
$num_row = mysqli_num_rows($result);
        $row=mysqli_fetch_array($result);
        if( $num_row > 0 ) {
                header('location:dashboard.php');
                $_SESSION['id']=$row['user_id'];
        }
        else{ ?>
<div class="alert alert-danger">Access Denied</div>
<?php
```

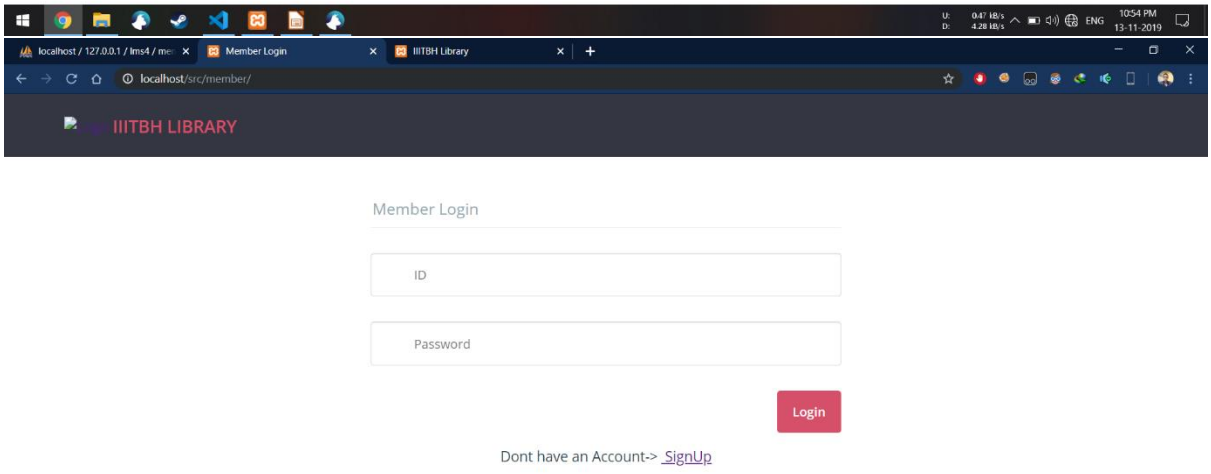
```
}}
?>
```

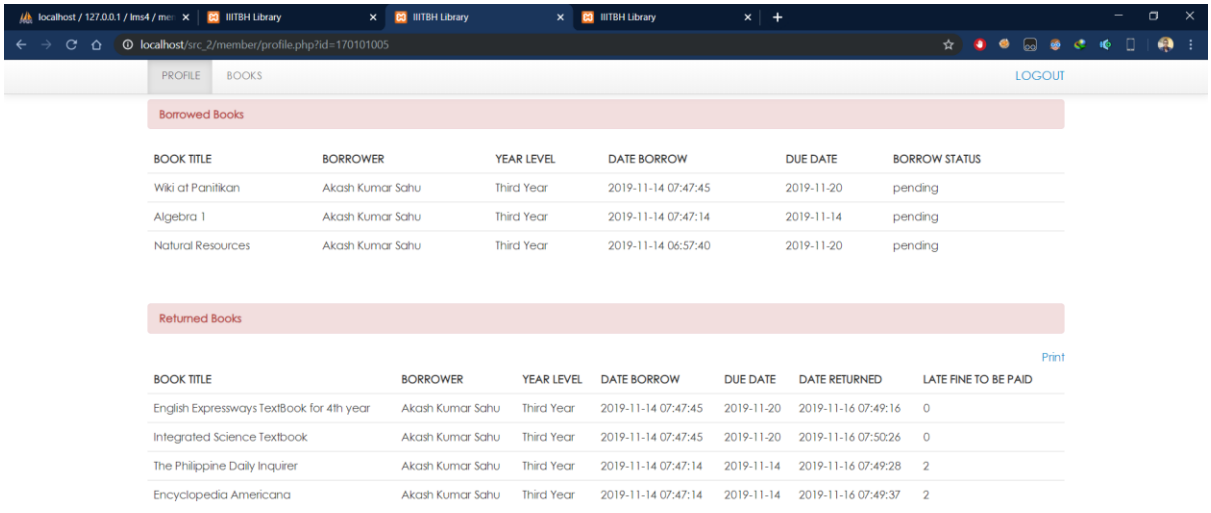
Logout.php

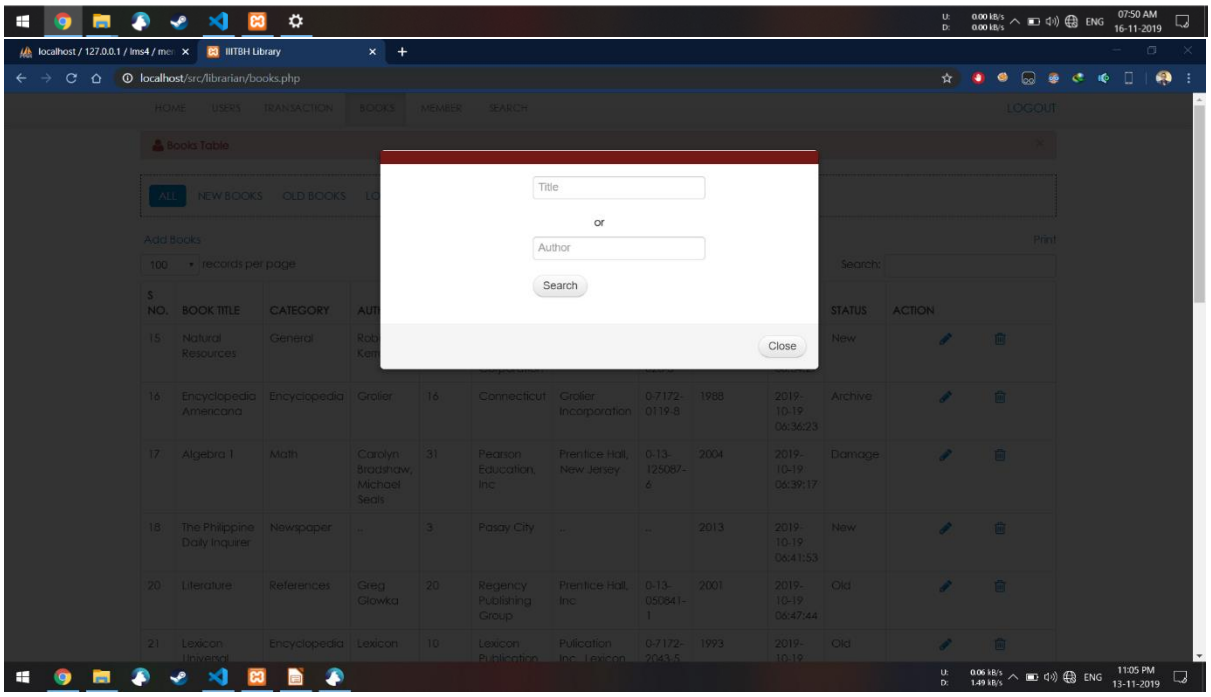
```
<?php
session_start();
session_destroy();
header('location:../index.php');
?>
```

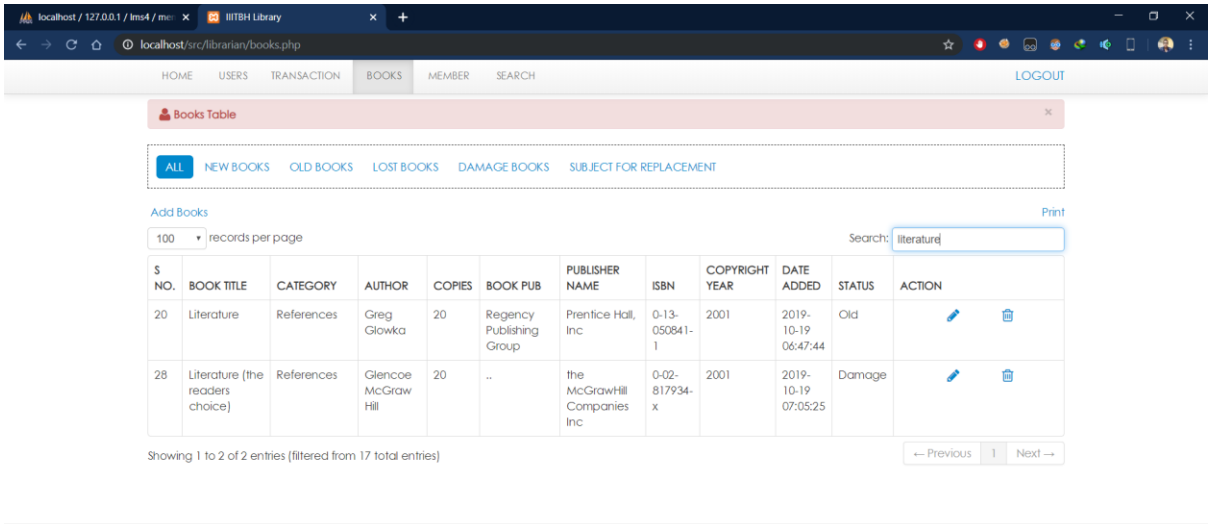
SCREEN SHOTS

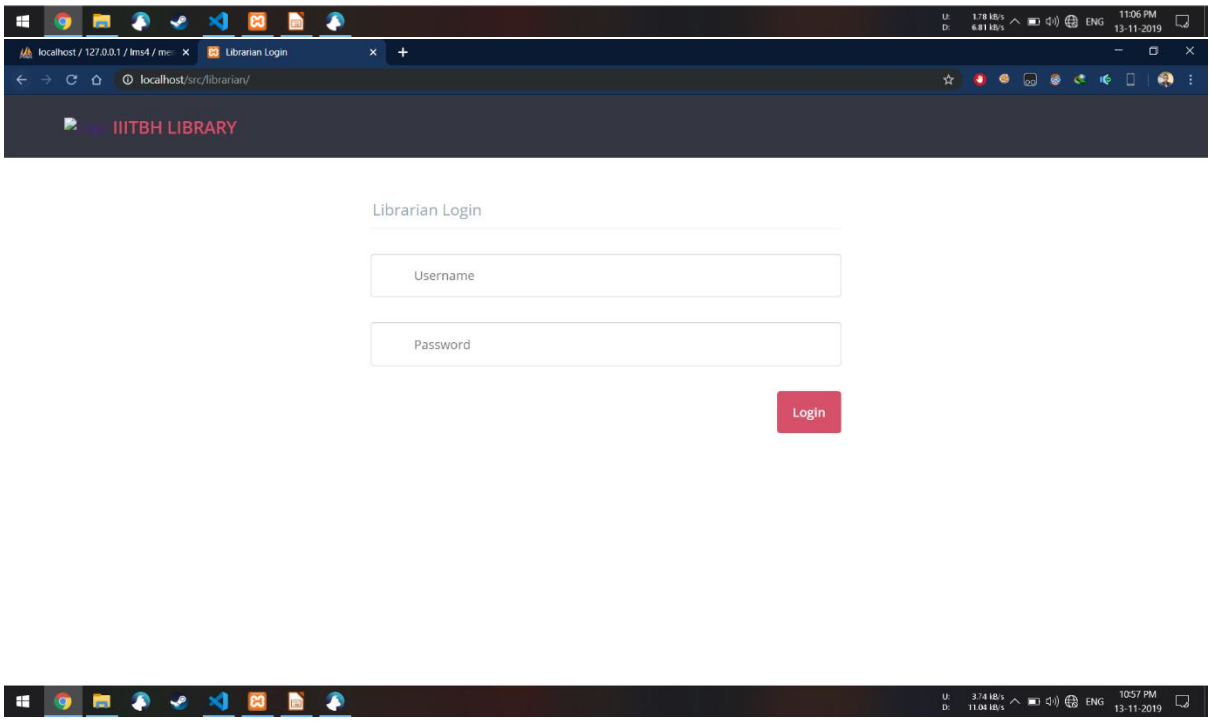


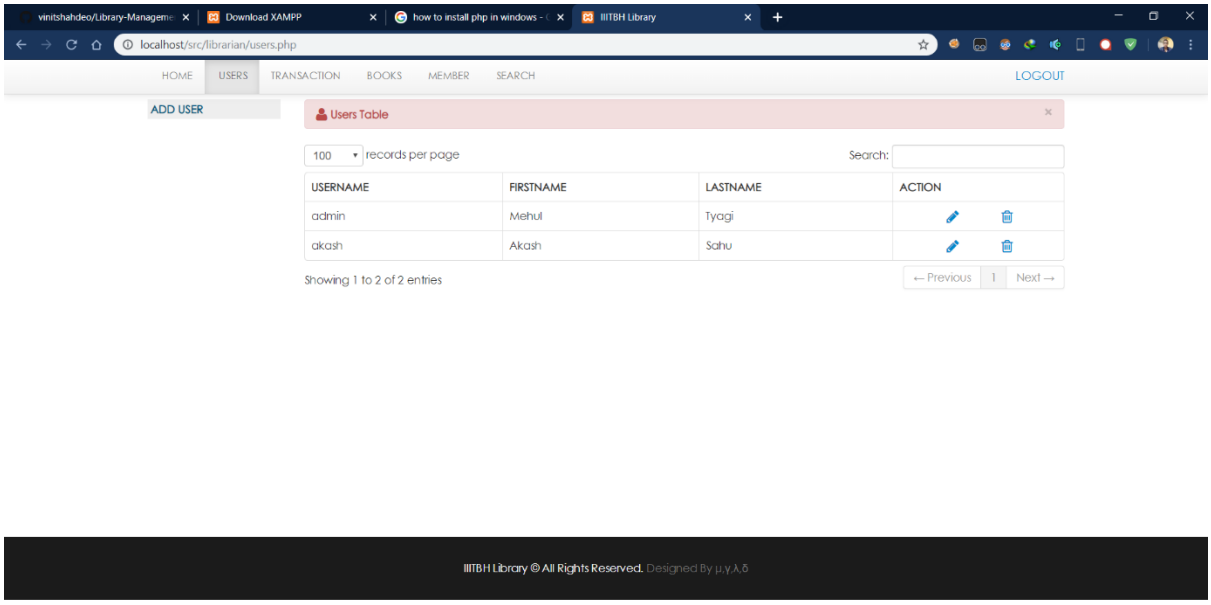


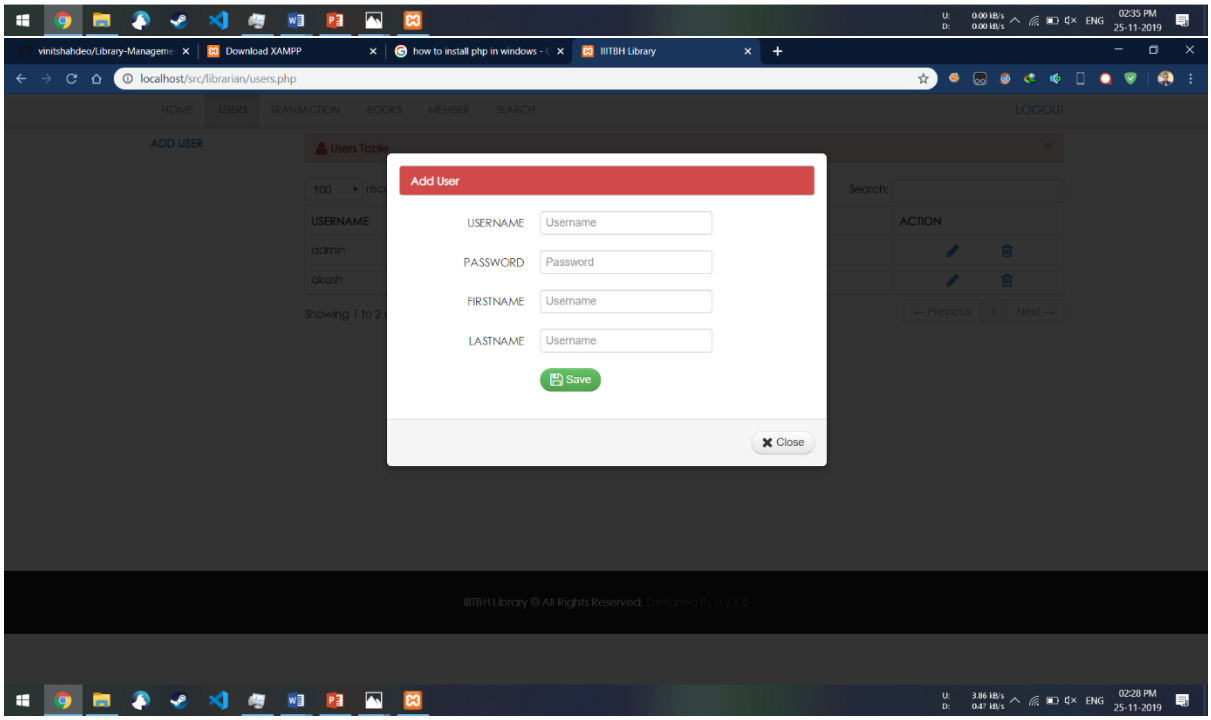

localhost / 127.0.0.1 / lms4 / mem
IIITBH Library
IIITBH Library
IIITBH Library
localhost/src_2/member/profile.php?id=170101005
PROFILE
BOOKS
LOGOUT
Borrowed Books
BOOK TITLE
BORROWER
YEAR LEVEL
DATE BORROW
DUE DATE
BORROW STATUS
Wiki at Panitikan
Akash Kumar Sahu
Third Year
2019-11-14 07:47:45
2019-11-20
pending
Algebra 1
Akash Kumar Sahu
Third Year
2019-11-14 07:47:14
2019-11-14
pending
Natural Resources
Akash Kumar Sahu
Third Year
2019-11-14 06:57:40
2019-11-20
pending
Returned Books
Print
BOOK TITLE
BORROWER
YEAR LEVEL
DATE BORROW
DUE DATE
DATE RETURNED
LATE FINE TO BE PAID
English Expressways TextBook for 4th year
Akash Kumar Sahu
Third Year
2019-11-14 07:47:45
2019-11-20
2019-11-16 07:49:16
0
Integrated Science Textbook
Akash Kumar Sahu
Third Year
2019-11-14 07:47:45
2019-11-20
2019-11-16 07:50:26
0
The Philippine Daily Inquirer
Akash Kumar Sahu
Third Year
2019-11-14 07:47:14
2019-11-14
2019-11-16 07:49:28
2
Encyclopedia Americana
Akash Kumar Sahu
Third Year
2019-11-14 07:47:14
2019-11-14
2019-11-16 07:49:37
2

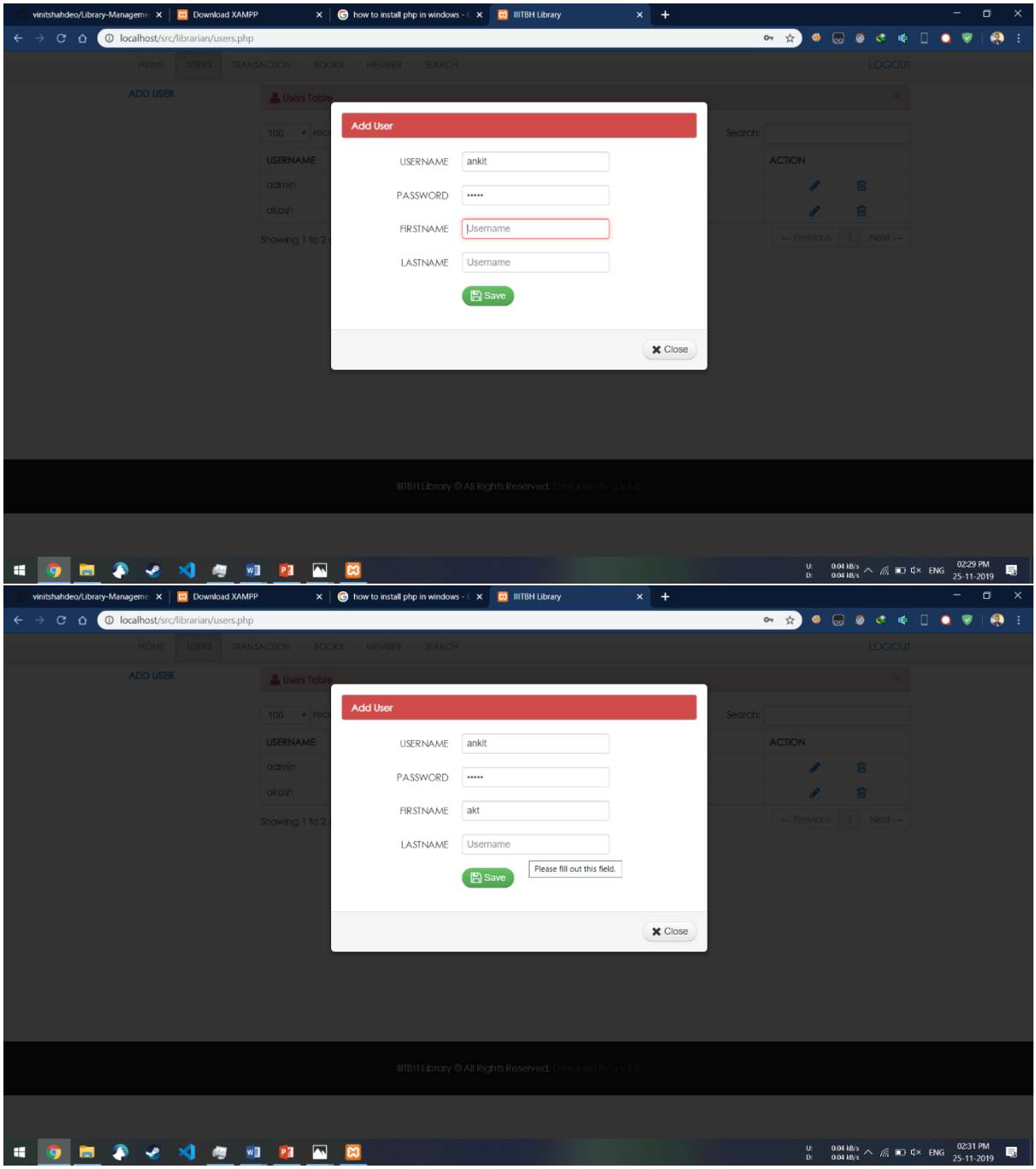

localhost / 127.0.0.1 / lms4 / mem
IIITBH Library
localhost/src/librarian/books.php
HOME
USERS
TRANSACTION
BOOKS
MEMBER
SEARCH
LOGOUT
Books Table
ALL
NEW BOOKS
OLD BOOKS
Add Books
Print
records per page
Search:
Title
or
Author
Search
Close
S NO.
BOOK TITLE
CATEGORY
STATUS
ACTION
15 Natural Resources General New
16 Encyclopedia Americana Encyclopedia Grolier 16 Connecticut Grolier Incorporation 0-7172-0119-8 1988 2019-10-19 06:36:23 Archive
17 Algebra 1 Math Carolyn Bradshaw, Michael Seals 31 Pearson Education, Inc Prentice Hall, New Jersey 0-13-125087-6 2004 2019-10-19 06:39:17 Damage
18 The Philippine Daily Inquirer Newspaper .. 3 Pasay City .. .. 2013 2019-10-19 06:41:53 New
20 Literature References Greg Glowka 20 Regency Publishing Group Prentice Hall, Inc 0-13-050841-1 2001 2019-10-19 06:47:44 Old
21 Lexicon Universal Encyclopedia Lexicon 10 Lexicon Publication Pulication Inc. Lexicon 0-7172-2043-5 1993 2019-10-19 Old
ENG
07:50 AM
16-11-2019
11:05 PM
13-11-2019

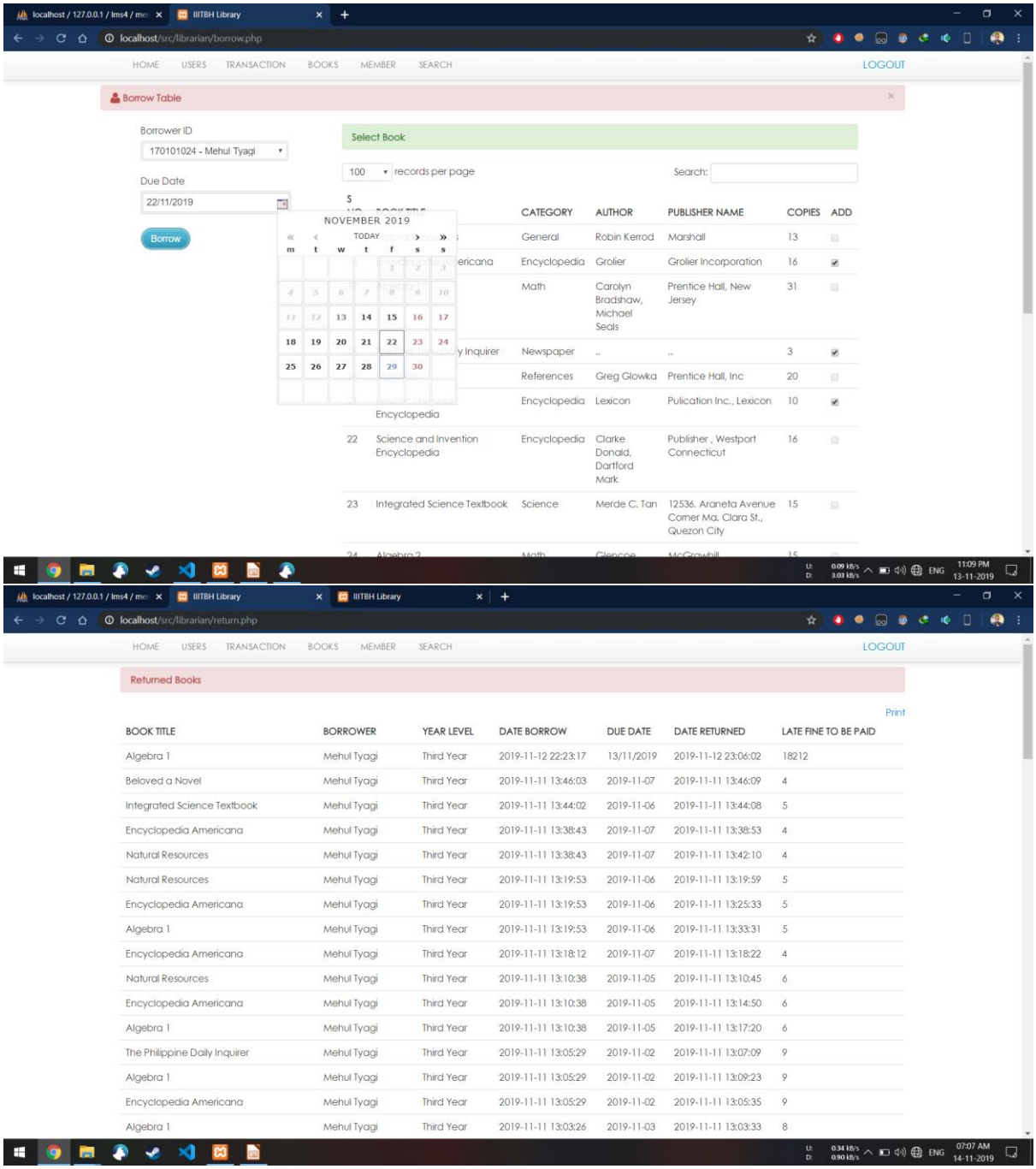

localhost / 127.0.0.1 / lms4 / me
IIITBH Library
localhost/src/librarian/books.php
HOME
USERS
TRANSACTION
BOOKS
MEMBER
SEARCH
LOGOUT
Books Table
ALL
NEW BOOKS
OLD BOOKS
LOST BOOKS
DAMAGE BOOKS
SUBJECT FOR REPLACEMENT
Add Books
Print
100
records per page
Search:
literature
S NO.
BOOK TITLE
CATEGORY
AUTHOR
COPIES
BOOK PUB
PUBLISHER NAME
ISBN
COPYRIGHT YEAR
DATE ADDED
STATUS
ACTION
20
Literature
References
Greg Glowka
20
Regency Publishing Group
Prentice Hall, Inc
0-13-050841-1
2001
2019-10-19 06:47:44
Old
28
Literature (the readers choice)
References
Glencoe McGraw Hill
20
..
the McGrawHill Companies Inc
0-02-817934-x
2001
2019-10-19 07:05:25
Damage
Showing 1 to 2 of 2 entries (filtered from 17 total entries)
← Previous
1
Next →
IIITBH Library © All Rights Reserved. Designed By μ,γ,λ,δ


localhost / 127.0.0.1 / lms4 / me
Librarian Login
localhost/src/librarian/
IIITBH LIBRARY
Librarian Login
Username
Password
Login

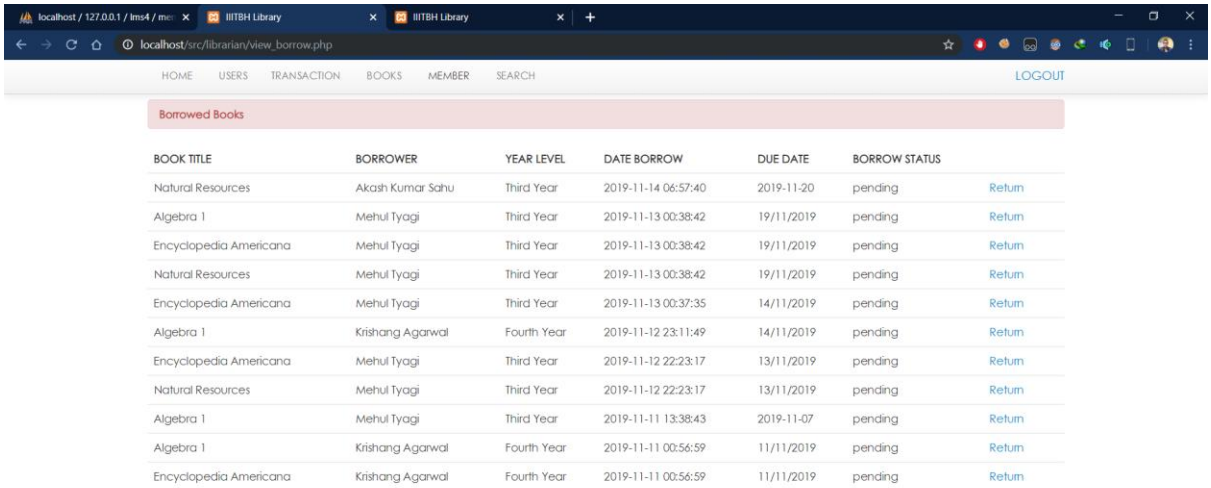

vinitshahdeo/Library-Manageme
Download XAMPP
how to install php in windows -
IIITBH Library
localhost/src/librarian/users.php
HOME
USERS
TRANSACTION
BOOKS
MEMBER
SEARCH
LOGOUT
ADD USER
Users Table
100
records per page
Search:
USERNAME
FIRSTNAME
LASTNAME
ACTION
admin
Mehul
Tyagi
akash
Akash
Sahu
Showing 1 to 2 of 2 entries
← Previous
1
Next →
IIITBH Library © All Rights Reserved. Designed By μ,γ,λ,δ


Add User
USERNAME
Username
PASSWORD
Password
FIRSTNAME
Username
LASTNAME
Username
Save
Close
IIITBH Library © All Rights Reserved. Designed By μ,γ,λ,δ
ENG
02:35 PM
25-11-2019
02:28 PM
25-11-2019

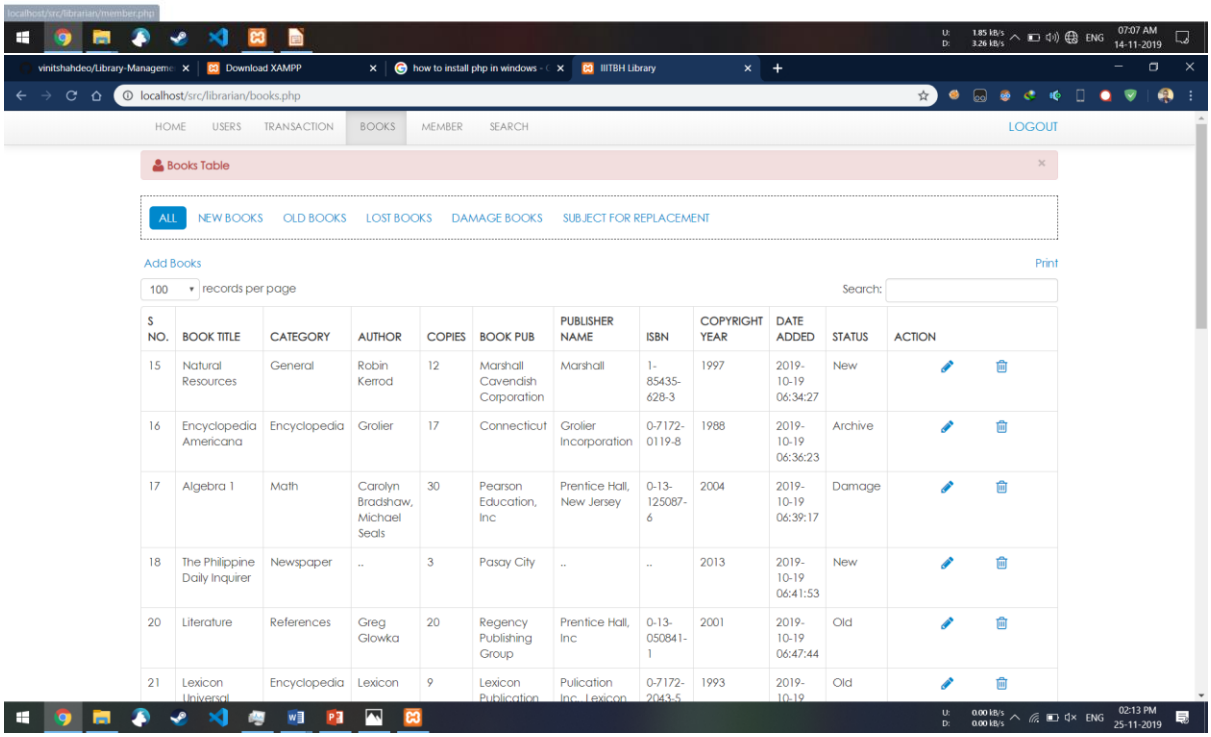

Add User
USERNAME
ankit
PASSWORD
FIRSTNAME
Username
LASTNAME
Username
Save
Close
Add User
USERNAME
ankit
PASSWORD
FIRSTNAME
akt
LASTNAME
Username
Save
Please fill out this field.
Close

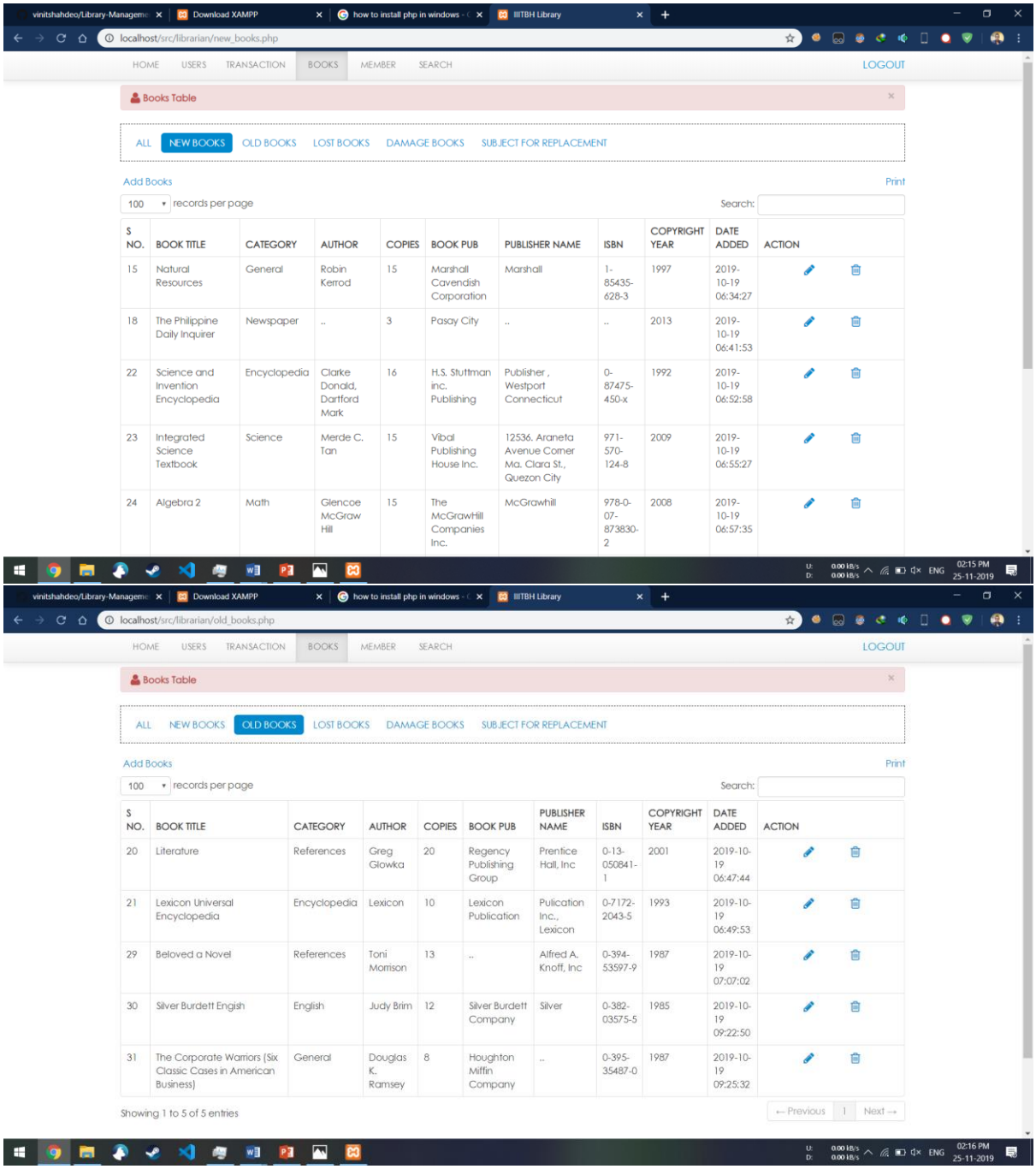

localhost / 127.0.0.1 / lms4 / me
IIITBH Library
localhost/src/librarian/borrow.php
HOME
USERS
TRANSACTION
BOOKS
MEMBER
SEARCH
LOGOUT
Borrow Table
Borrower ID
170101024 - Mehul Tyagi
Due Date
22/11/2019
Borrow
Select Book
100 records per page
Search:
NOVEMBER 2019
TODAY
CATEGORY
AUTHOR
PUBLISHER NAME
COPIES
ADD
General
Robin Kerrod
Marshall
13
Encyclopedia
Grolier
Grolier Incorporation
16
Math
Carolyn Bradshaw, Michael Seals
Prentice Hall, New Jersey
31
Newspaper
..
..
3
References
Greg Glowka
Prentice Hall, Inc
20
Encyclopedia
Lexicon
Pulication Inc., Lexicon
10
22
Science and Invention Encyclopedia
Encyclopedia
Clarke Donald, Dartford Mark
Publisher , Westport Connecticut
16
23
Integrated Science Textbook
Science
Merde C. Tan
12536. Araneta Avenue Corner Ma. Clara St., Quezon City
15
ENG
11:09 PM
13-11-2019

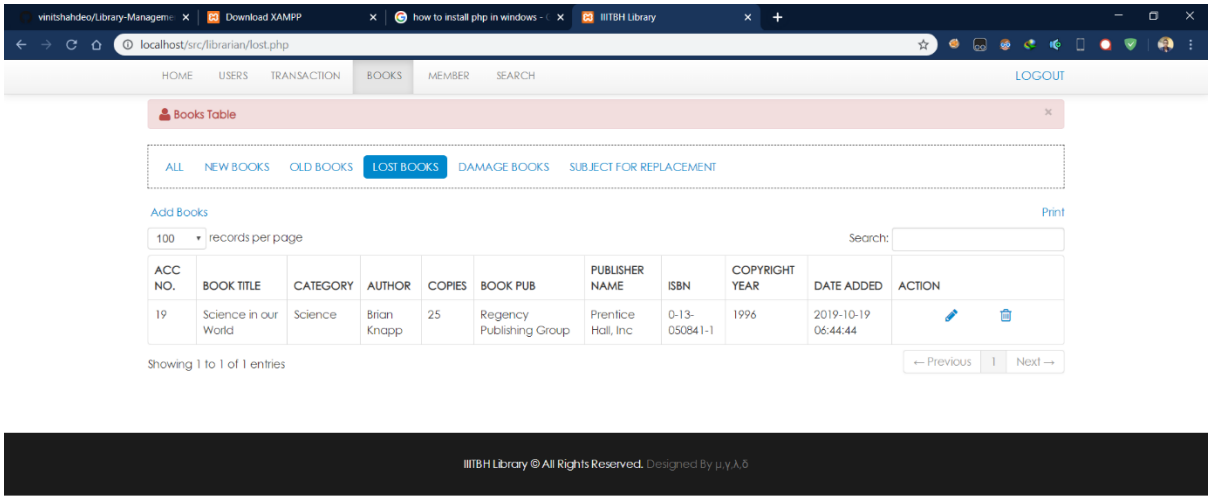
localhost / 127.0.0.1 / lms4 / me
IIITBH Library
IIITBH Library
localhost/src/librarian/return.php
HOME
USERS
TRANSACTION
BOOKS
MEMBER
SEARCH
LOGOUT
Returned Books
Print
BOOK TITLE
BORROWER
YEAR LEVEL
DATE BORROW
DUE DATE
DATE RETURNED
LATE FINE TO BE PAID
Algebra 1 | Mehul Tyagi | Third Year | 2019-11-12 22:23:17 | 13/11/2019 | 2019-11-12 23:06:02 | 18212
Beloved a Novel | Mehul Tyagi | Third Year | 2019-11-11 13:46:03 | 2019-11-07 | 2019-11-11 13:46:09 | 4
Integrated Science Textbook | Mehul Tyagi | Third Year | 2019-11-11 13:44:02 | 2019-11-06 | 2019-11-11 13:44:08 | 5
Encyclopedia Americana | Mehul Tyagi | Third Year | 2019-11-11 13:38:43 | 2019-11-07 | 2019-11-11 13:38:53 | 4
Natural Resources | Mehul Tyagi | Third Year | 2019-11-11 13:38:43 | 2019-11-07 | 2019-11-11 13:42:10 | 4
Natural Resources | Mehul Tyagi | Third Year | 2019-11-11 13:19:53 | 2019-11-06 | 2019-11-11 13:19:59 | 5
Encyclopedia Americana | Mehul Tyagi | Third Year | 2019-11-11 13:19:53 | 2019-11-06 | 2019-11-11 13:25:33 | 5
Algebra 1 | Mehul Tyagi | Third Year | 2019-11-11 13:19:53 | 2019-11-06 | 2019-11-11 13:33:31 | 5
Encyclopedia Americana | Mehul Tyagi | Third Year | 2019-11-11 13:18:12 | 2019-11-07 | 2019-11-11 13:18:22 | 4
Natural Resources | Mehul Tyagi | Third Year | 2019-11-11 13:10:38 | 2019-11-05 | 2019-11-11 13:10:45 | 6
Encyclopedia Americana | Mehul Tyagi | Third Year | 2019-11-11 13:10:38 | 2019-11-05 | 2019-11-11 13:14:50 | 6
Algebra 1 | Mehul Tyagi | Third Year | 2019-11-11 13:10:38 | 2019-11-05 | 2019-11-11 13:17:20 | 6
The Philippine Daily Inquirer | Mehul Tyagi | Third Year | 2019-11-11 13:05:29 | 2019-11-02 | 2019-11-11 13:07:09 | 9
Algebra 1 | Mehul Tyagi | Third Year | 2019-11-11 13:05:29 | 2019-11-02 | 2019-11-11 13:09:23 | 9
Encyclopedia Americana | Mehul Tyagi | Third Year | 2019-11-11 13:05:29 | 2019-11-02 | 2019-11-11 13:05:35 | 9
Algebra 1 | Mehul Tyagi | Third Year | 2019-11-11 13:03:26 | 2019-11-03 | 2019-11-11 13:03:33 | 8
ENG
07:07 AM
14-11-2019

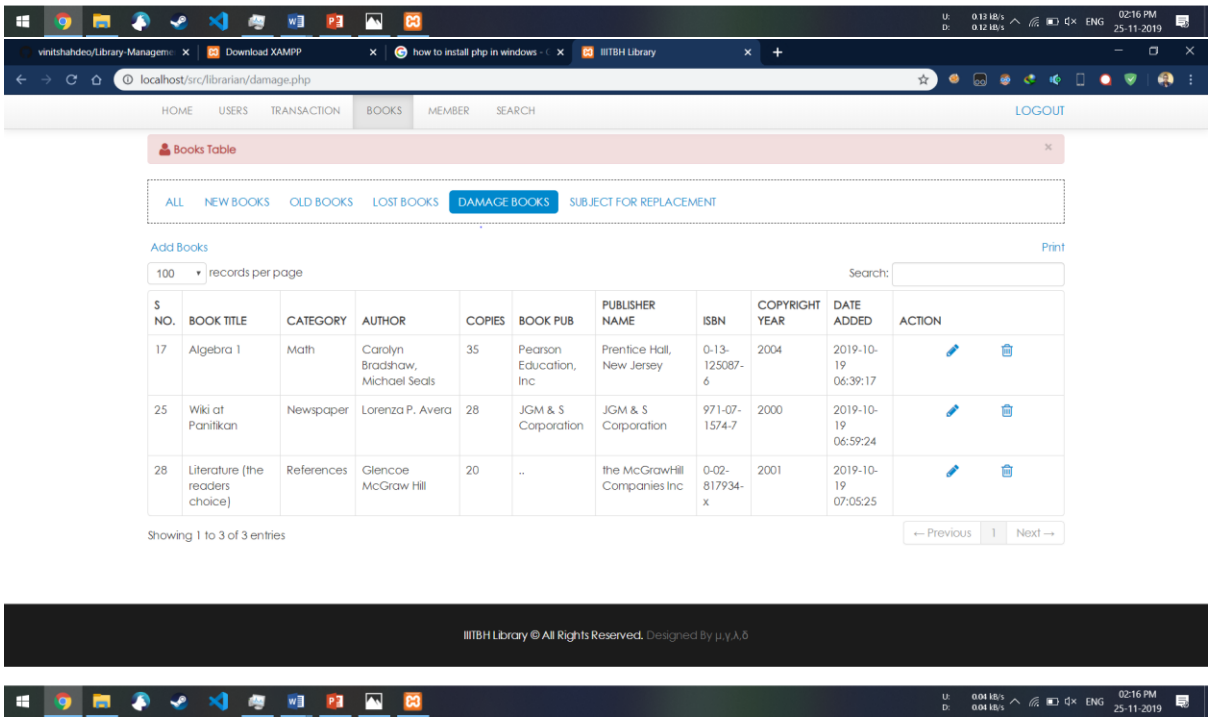


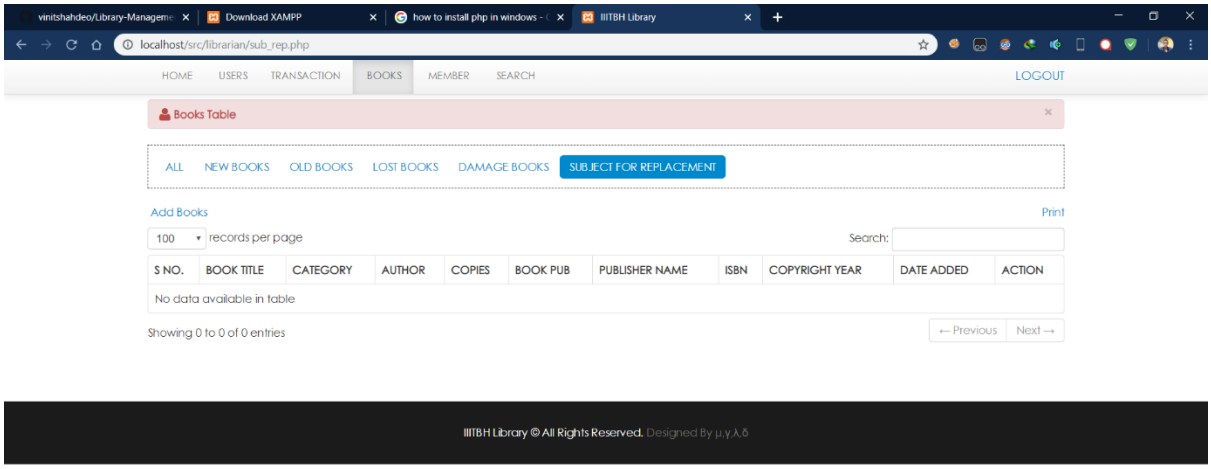
IIITBH Library © All Rights Reserved. Designed By μ,γ,λ,δ

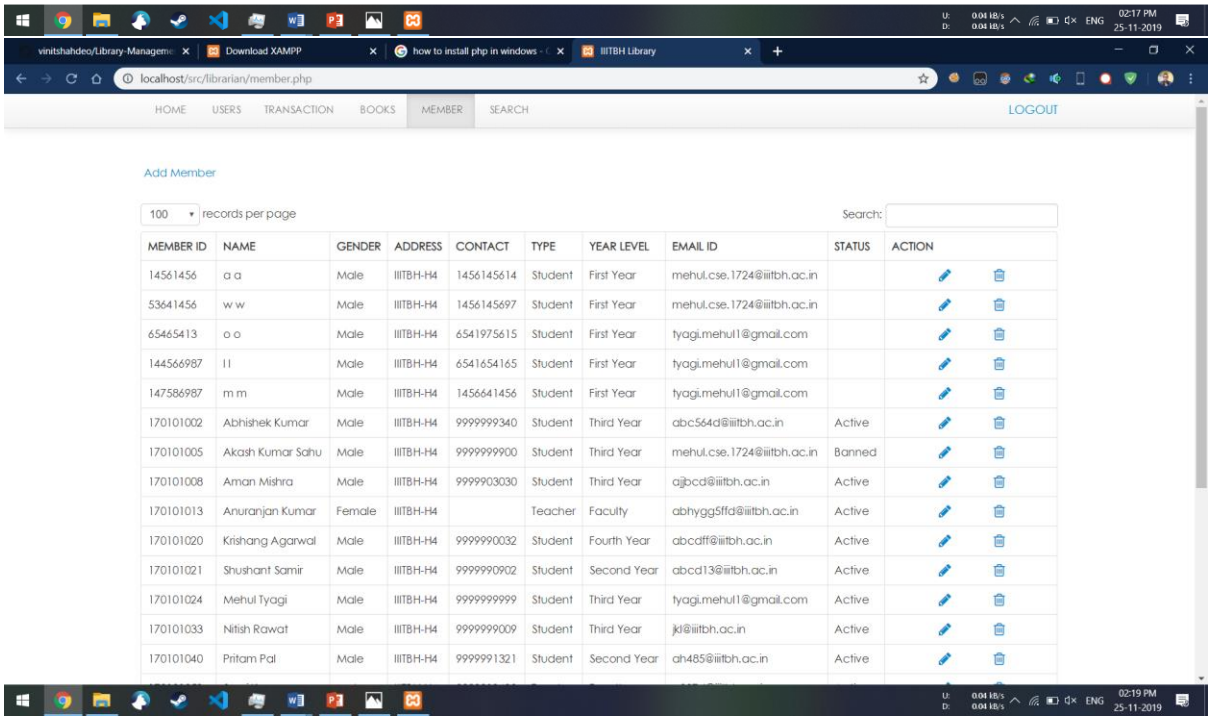


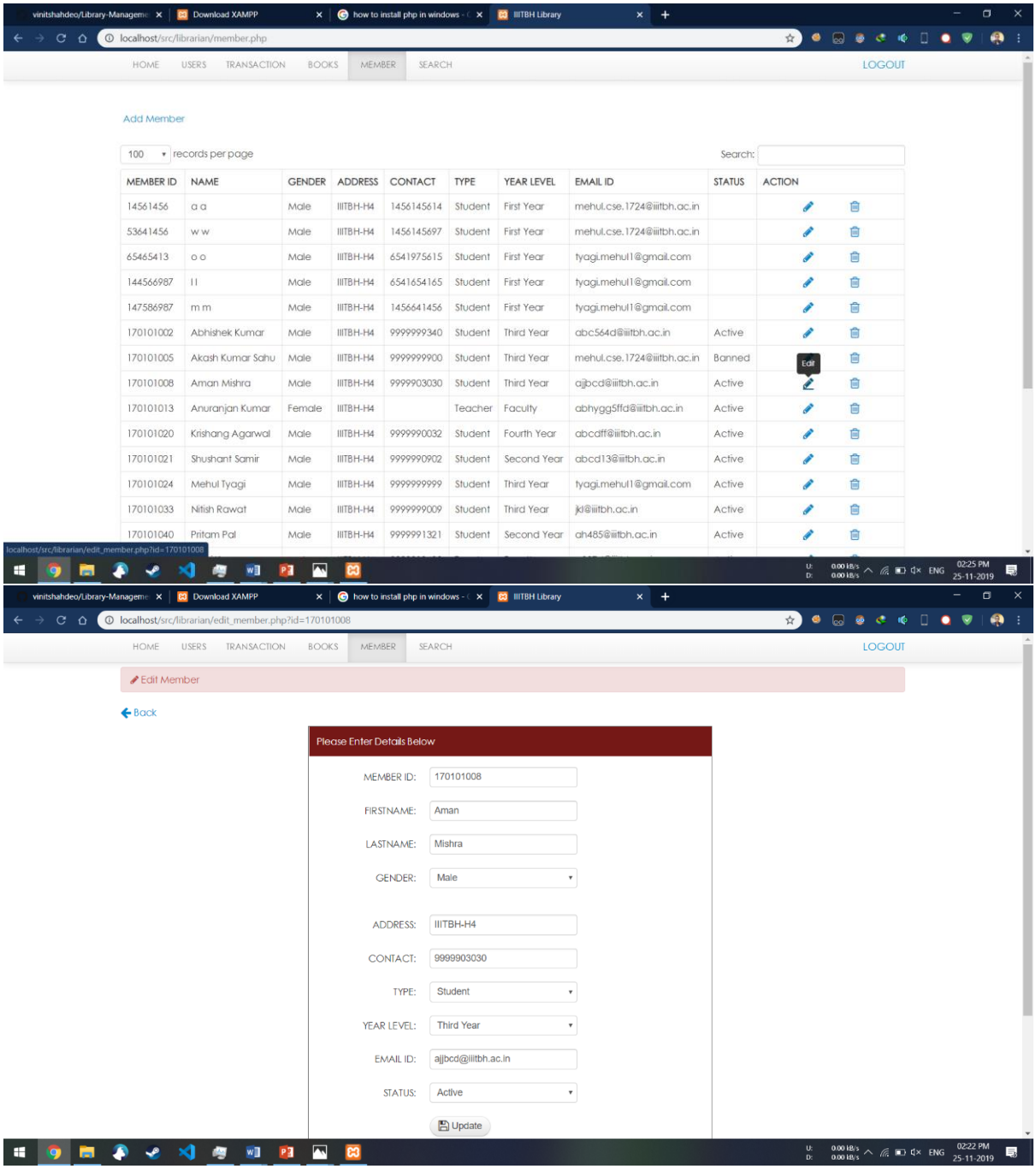

vinitshahdeo/Library-Manageme
Download XAMPP
how to install php in windows -
IIITBH Library
localhost/src/librarian/new_books.php
HOME USERS TRANSACTION BOOKS MEMBER SEARCH LOGOUT
Books Table
ALL NEW BOOKS OLD BOOKS LOST BOOKS DAMAGE BOOKS SUBJECT FOR REPLACEMENT
Add Books
Print
100 records per page
Search:
S NO. | BOOK TITLE | CATEGORY | AUTHOR | COPIES | BOOK PUB | PUBLISHER NAME | ISBN | COPYRIGHT YEAR | DATE ADDED | ACTION
15 | Natural Resources | General | Robin Kerrod | 15 | Marshall Cavendish Corporation | Marshall | 1-85435-628-3 | 1997 | 2019-10-19 06:34:27
18 | The Philippine Daily Inquirer | Newspaper | .. | 3 | Pasay City | .. | .. | 2013 | 2019-10-19 06:41:53
22 | Science and Invention Encyclopedia | Encyclopedia | Clarke Donald, Dartford Mark | 16 | H.S. Stuffman inc. Publishing | Publisher , Westport Connecticut | 0-87475-450-x | 1992 | 2019-10-19 06:52:58
23 | Integrated Science Textbook | Science | Merde C. Tan | 15 | Vibal Publishing House Inc. | 12536. Araneta Avenue Corner Ma. Clara St., Quezon City | 971-570-124-8 | 2009 | 2019-10-19 06:55:27
24 | Algebra 2 | Math | Glencoe McGraw Hill | 15 | The McGrawHill Companies Inc. | McGrawhill | 978-0-07-873830-2 | 2008 | 2019-10-19 06:57:35
02:15 PM 25-11-2019
vinitshahdeo/Library-Manageme
Download XAMPP
how to install php in windows -
IIITBH Library
localhost/src/librarian/old_books.php
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:
S 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 | 2019-10-19 06:47:44
21 | Lexicon Universal Encyclopedia | Encyclopedia | Lexicon | 10 | Lexicon Publication | Pulication Inc., Lexicon | 0-7172-2043-5 | 1993 | 2019-10-19 06:49:53
29 | Beloved a Novel | References | Toni Morrison | 13 | .. | Alfred A. Knoff, Inc | 0-394-53597-9 | 1987 | 2019-10-19 07:07:02
30 | Silver Burdett English | English | Judy Brim | 12 | Silver Burdett Company | Silver | 0-382-03575-5 | 1985 | 2019-10-19 09:22:50
31 | The Corporate Warriors (Six Classic Cases in American Business) | General | Douglas K. Ramsey | 8 | Houghton Miffin Company | .. | 0-395-35487-0 | 1987 | 2019-10-19 09:25:32
Showing 1 to 5 of 5 entries
← Previous 1 Next →
02:16 PM 25-11-2019

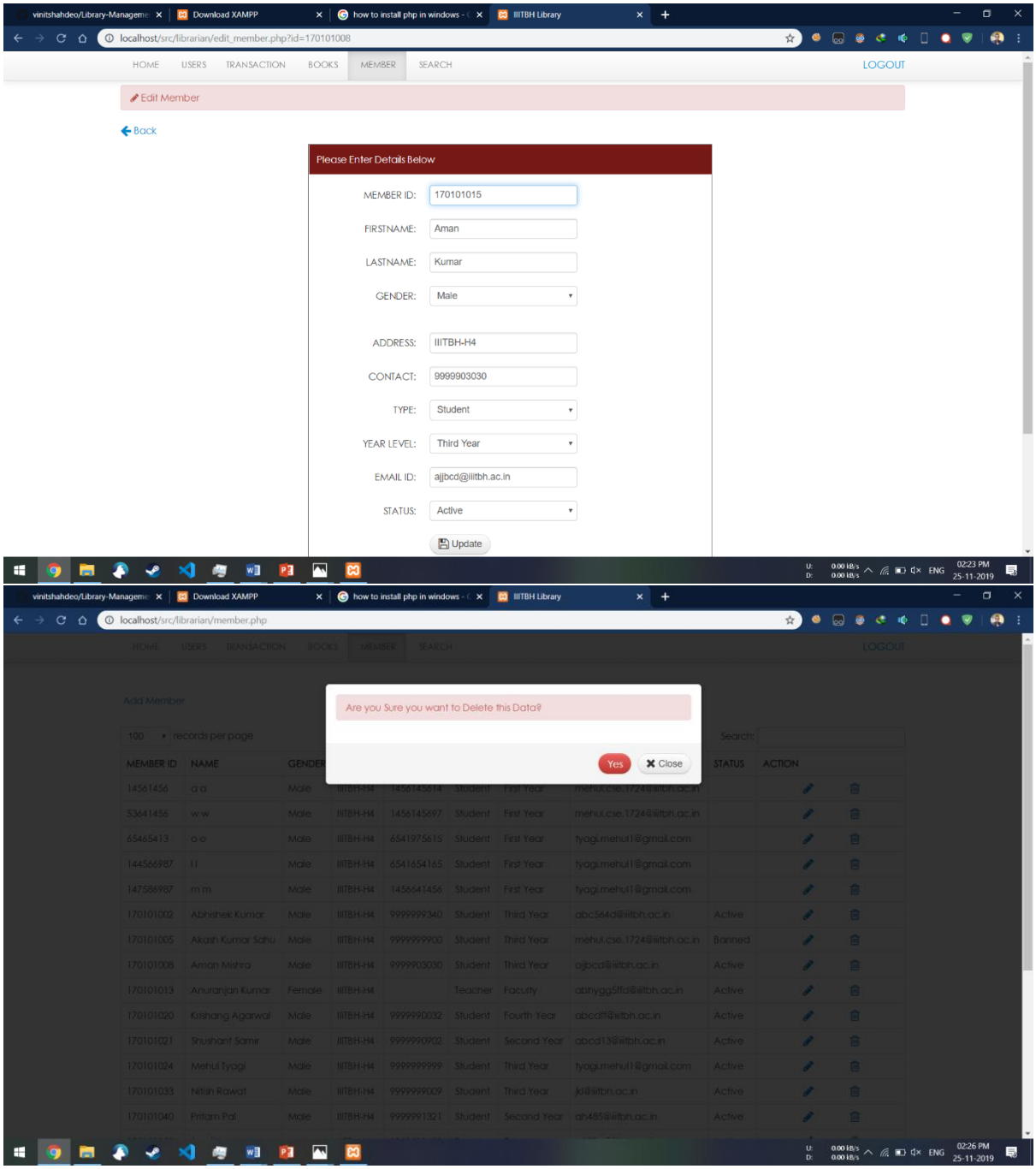

vinitshahdeo/Library-Manageme
Download XAMPP
how to install php in windows -
IIITBH Library
localhost/src/librarian/lost.php
HOME
USERS
TRANSACTION
BOOKS
MEMBER
SEARCH
LOGOUT
Books Table
ALL
NEW BOOKS
OLD BOOKS
LOST BOOKS
DAMAGE BOOKS
SUBJECT FOR REPLACEMENT
Add Books
Print
100
records per page
Search:
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
2019-10-19 06:44:44
Showing 1 to 1 of 1 entries
← Previous
1
Next →
IIITBH Library © All Rights Reserved. Designed By μ,γ,λ,δ


vinitshahdeo/Library-Manageme
Download XAMPP
how to install php in windows -
IIITBH Library
localhost/src/librarian/damage.php
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:
S 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
2019-10-19 06:39:17
25
Wiki at Panitikan
Newspaper
Lorenza P. Avera
28
JGM & S Corporation
JGM & S Corporation
971-07-1574-7
2000
2019-10-19 06:59:24
28
Literature (the readers choice)
References
Glencoe McGraw Hill
20
..
the McGrawHill Companies Inc
0-02-817934-x
2001
2019-10-19 07:05:25
Showing 1 to 3 of 3 entries
← Previous
1
Next →
IIITBH Library © All Rights Reserved. Designed By μ,γ,λ,δ


vinitshahdeo/Library-Manageme
Download XAMPP
how to install php in windows -
IIITBH Library
localhost/src/librarian/sub_rep.php
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:
S 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 →
IIITBH Library © All Rights Reserved. Designed By μ,γ,λ,δ


02:17 PM
25-11-2019
vinitshahdeo/Library-Manageme
Download XAMPP
how to install php in windows -
IIITBH Library
localhost/src/librarian/member.php
HOME
USERS
TRANSACTION
BOOKS
MEMBER
SEARCH
LOGOUT
Add Member
100
records per page
Search:
MEMBER ID
NAME
GENDER
ADDRESS
CONTACT
TYPE
YEAR LEVEL
EMAIL ID
STATUS
ACTION
14561456 a a Male IIITBH-H4 1456145614 Student First Year mehul.cse.1724@iiitbh.ac.in
53641456 w w Male IIITBH-H4 1456145697 Student First Year mehul.cse.1724@iiitbh.ac.in
65465413 o o Male IIITBH-H4 6541975615 Student First Year tyagi.mehul1@gmail.com
144566987 l l Male IIITBH-H4 6541654165 Student First Year tyagi.mehul1@gmail.com
147586987 m m Male IIITBH-H4 1456641456 Student First Year tyagi.mehul1@gmail.com
170101002 Abhishek Kumar Male IIITBH-H4 9999999340 Student Third Year abc564d@iiitbh.ac.in Active
170101005 Akash Kumar Sahu Male IIITBH-H4 9999999900 Student Third Year mehul.cse.1724@iiitbh.ac.in Banned
170101008 Aman Mishra Male IIITBH-H4 9999903030 Student Third Year ajjbcd@iiitbh.ac.in Active
170101013 Anuranjan Kumar Female IIITBH-H4 Teacher Faculty abhygg5ffd@iiitbh.ac.in Active
170101020 Krishang Agarwal Male IIITBH-H4 9999990032 Student Fourth Year abcdff@iiitbh.ac.in Active
170101021 Shushant Samir Male IIITBH-H4 9999990902 Student Second Year abcd13@iiitbh.ac.in Active
170101024 Mehul Tyagi Male IIITBH-H4 9999999999 Student Third Year tyagi.mehul1@gmail.com Active
170101033 Nitish Rawat Male IIITBH-H4 9999999009 Student Third Year jkl@iiitbh.ac.in Active
170101040 Pritam Pal Male IIITBH-H4 9999991321 Student Second Year ah485@iiitbh.ac.in Active
02:19 PM
25-11-2019


vinitshahdeo/Library-Manageme
Download XAMPP
how to install php in windows -
IIITBH Library
localhost/src/librarian/member.php
HOME
USERS
TRANSACTION
BOOKS
MEMBER
SEARCH
LOGOUT
Add Member
100 records per page
Search:
MEMBER ID
NAME
GENDER
ADDRESS
CONTACT
TYPE
YEAR LEVEL
EMAIL ID
STATUS
ACTION
14561456 a a Male IIITBH-H4 1456145614 Student First Year mehul.cse.1724@iiitbh.ac.in
53641456 w w Male IIITBH-H4 1456145697 Student First Year mehul.cse.1724@iiitbh.ac.in
65465413 o o Male IIITBH-H4 6541975615 Student First Year tyagi.mehul1@gmail.com
144566987 l l Male IIITBH-H4 6541654165 Student First Year tyagi.mehul1@gmail.com
147586987 m m Male IIITBH-H4 1456641456 Student First Year tyagi.mehul1@gmail.com
170101002 Abhishek Kumar Male IIITBH-H4 9999999340 Student Third Year abc564d@iiitbh.ac.in Active
170101005 Akash Kumar Sahu Male IIITBH-H4 9999999900 Student Third Year mehul.cse.1724@iiitbh.ac.in Banned
170101008 Aman Mishra Male IIITBH-H4 9999903030 Student Third Year ajjbcd@iiitbh.ac.in Active
Edit
170101013 Anuranjan Kumar Female IIITBH-H4 Teacher Faculty abhygg5ffd@iiitbh.ac.in Active
170101020 Krishang Agarwal Male IIITBH-H4 9999990032 Student Fourth Year abcdff@iiitbh.ac.in Active
170101021 Shushant Samir Male IIITBH-H4 9999990902 Student Second Year abcd13@iiitbh.ac.in Active
170101024 Mehul Tyagi Male IIITBH-H4 9999999999 Student Third Year tyagi.mehul1@gmail.com Active
170101033 Nitish Rawat Male IIITBH-H4 9999999009 Student Third Year jkl@iiitbh.ac.in Active
170101040 Pritam Pal Male IIITBH-H4 9999991321 Student Second Year ah485@iiitbh.ac.in Active
localhost/src/librarian/edit_member.php?id=170101008
02:25 PM
25-11-2019
vinitshahdeo/Library-Manageme
Download XAMPP
how to install php in windows -
IIITBH Library
localhost/src/librarian/edit_member.php?id=170101008
HOME
USERS
TRANSACTION
BOOKS
MEMBER
SEARCH
LOGOUT
Edit Member
Back
Please Enter Details Below
MEMBER ID: 170101008
FIRSTNAME: Aman
LASTNAME: Mishra
GENDER: Male
ADDRESS: IIITBH-H4
CONTACT: 9999903030
TYPE: Student
YEAR LEVEL: Third Year
EMAIL ID: ajjbcd@iiitbh.ac.in
STATUS: Active
Update
02:22 PM
25-11-2019


vinitshahdeo/Library-Managem
Download XAMPP
how to install php in windows -
IIITBH Library
localhost/src/librarian/edit_member.php?id=170101008
HOME
USERS
TRANSACTION
BOOKS
MEMBER
SEARCH
LOGOUT
Edit Member
Back
Please Enter Details Below
MEMBER ID: 170101015
FIRSTNAME: Aman
LASTNAME: Kumar
GENDER: Male
ADDRESS: IIITBH-H4
CONTACT: 9999903030
TYPE: Student
YEAR LEVEL: Third Year
EMAIL ID: ajjbcd@iiitbh.ac.in
STATUS: Active
Update

vinitshahdeo/Library-Managem
Download XAMPP
how to install php in windows -
IIITBH Library
localhost/src/librarian/member.php
HOME
USERS
TRANSACTION
BOOKS
MEMBER
SEARCH
LOGOUT
Add Member
Are you Sure you want to Delete this Data?
Yes
Close
MEMBER ID
NAME
GENDER
STATUS
ACTION

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.

Future Aspects

There are many future scopes of this facility that many provide more features such as online lectures video tutorials can be added by teachers as well online assignments submissions facility. A feature of group chat where student can discuss various issues can be added to this project thus making it more interactive.

There can be online fine payment functionality which can be added along with a smartphone version of this website making it more future proof.

REFERENCES

1. https://www.geeksforgeeks.org/php/
2. https://www.geeksforgeeks.org/sql-tutorial/
3. https://www.geeksforgeeks.org/html-tutorials/
4. https://www.geeksforgeeks.org/css-tutorials/
5. http://www.w3schools.com/html/html_intro.asp
6. http://www.w3schools.com/css/css_background.asp
7. http://www.w3schools.com/js/js_datatypes.asp
8. http://www.w3schools.com/sql/sql_insert.asp
9. http://www.w3schools.com/sql/sql_update.asp
10. http://www.w3schools.com/php/php_forms.asp