**CHAPTER 1**

**INTRODUCTION**

The report will provide a detailed account of the processes our group used to design and implement a database that can be used to manage a library system. Each subsection of the report corresponds to an important feature of database design Library management is a sub-discipline of institutional management that focuses on specific issues faced by libraries and library management professionals. Library management encompasses normal managerial tasks, as well as intellectual freedom and fundraising responsibilities. Issues faced in library management frequently overlap with those faced in managing non-profit organizations. The basic functions of library management include, but are not limited to: planning and negotiating the acquisition of materials, Interlibrary Loan (ILL) requests, stacks maintenance, overseeing fee collection, event planning, fundraising, and human resources.

The different areas where we can use this application are any education institute can make use of it for providing information about author, content of the available books. It can be used in offices and modifications can be easily done according to requirements.

**CHAPTER 2**

**PROJECT DESCRIPTION**

A library database needs to store information pertaining to its users (or customers), its workers, the physical locations of its branches, and the media stored in those locations. We have decided to limit the media to two types: books and videos. The library must keep track of the status of each media item: its location, status, descriptive attributes, and cost for losses and late returns. Books will be identified by their ISBN, and movies by their title and year. In order to allow multiple copies of the same book or video, each media item will have a unique ID number. Customers will provide their name, address, phone number, and date of birth when signing up for a library card. They will then be assigned a unique user name and ID number, plus a temporary password that will have to be changed. Checkout operations will require a library card, as will requests to put media on hold. Each library card will have its own fines, but active fines on any of a customer's cards will prevent the customer from using the library's services. The library will have branches in various physical locations. Branches will be identified by name, and each branch will have an address and a phone number associated with it. Additionally, a library branch will store media and have employees. Employees will work at a specific branch of the library. They receive a paycheck, but they can also have library cards; therefore, the same information that is collected about customers should be collected about employees.

Functions for librarian:

1. Log in
2. Search for books based on one or more of the following criteria:

* Title
* Author
* Publisher

Functions for administrators are the same as the functions for librarian plus the following:

● Add librarian

● Add librarian information

● Check out books information

● Manage librarian and book information

● Handle returns

● Add books to the database and Remove books from the database

**2.1 SYSTEM SPECIFICATION**

**2.1.1. HARDWARE SPECIFICATION**

* Processor : Intel dual core
* Processor speed : 1.04GHZ
* RAM : 1GB
* Hard disc : 20GB hard disc
* Monitor : LCD
* Keyboard : MM Keyboard(Usb)
* Mouse : Optical mouse(Usb)

**2.1.2.SOFTWARE SPECIFICATION:**

* OS : Window XP or above
* Language : SQL queries
* Compiler : SQL 5.5

**2.2. ER DIAGRAM:**

STUDENT

BOOK

borrows

LIBRARIAN

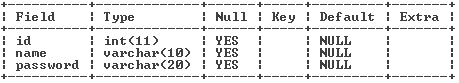
LOGINS

LOGIN

**CHAPTER 3**

**DATABASE DESIGN**

**TABLES:**

****

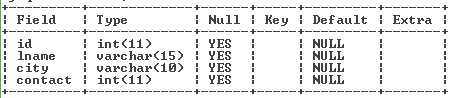
**Table 1: login table**

The above table shows the login table. It contains information about the login.

It contains the user id , user name and the password. The login page developed

using java fetches the information typed in that page and matches with the data

stored in this table.If it matches it goes to the next page otherwise not.



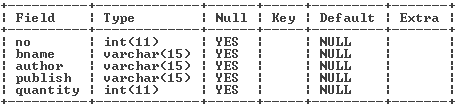
**Table 2: librarian table**

The above table shows the librarian information. It contains the librarian

information like librarian id number,librarian name, city and their contact

numbers. We can add or delete data from the java application using suitable

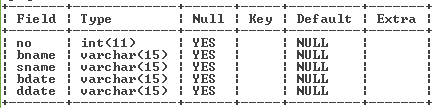
queries.



**Table 3: book table**

The above table shows the book information table. The table shows the

information about the book number, book name, author name, publisher name and the number of books present in the library. The user can view the books available in the library from this table using suitable queries. The librarian can add book information to this table.



**Table 4 : Borrowed books table**

The above table shows the table that stores the borrowed book information.

The table stores the information like book number, book name, student name who borrowed the book, borrowed date and the due date to return the book. When the student returns the book the data will be removed from this table.

**CHAPTER 4**

**SOURCE CODE**

**DATABASE CONNECTION CODE:**

-- phpMyAdmin SQL Dump

-- version 4.2.11

-- http://www.phpmyadmin.net

--

-- Host: 127.0.0.1

-- Generation Time: Jun 26, 2018 at 02:42 PM

-- Server version: 5.6.21

-- PHP Version: 5.6.3

SET SQL\_MODE = "NO\_AUTO\_VALUE\_ON\_ZERO";

SET time\_zone = "+00:00";

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8 \*/;

--

-- Database: `libsystem`

--

-- --------------------------------------------------------

--

-- Table structure for table `admin`

--

CREATETABLEIFNOTEXISTS `admin`(

`id` int(11)NOTNULL,

`username` varchar(30)NOTNULL,

`password` varchar(60)NOTNULL,

`firstname` varchar(30)NOTNULL,

`lastname` varchar(30)NOTNULL,

`photo` varchar(200)NOTNULL,

`created\_on` dateNOTNULL

) ENGINE=InnoDB AUTO\_INCREMENT=2 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `admin`

--

INSERTINTO `admin`(`id`, `username`, `password`, `firstname`, `lastname`, `photo`, `created\_on`)VALUES

(1,'codeprojects','$2y$10$A7f/KqG5LploFZFm1Hj20OZg/OdZUsbQ1UizMt/z.ottVdMGEBlYy','Harry','Denn','male2.png','2018-05-03');

-- --------------------------------------------------------

--

-- Table structure for table `books`

--

CREATETABLEIFNOTEXISTS `books`(

`id` int(11)NOTNULL,

`isbn` varchar(20)NOTNULL,

`category\_id` int(11)NOTNULL,

`title` textNOTNULL,

`author` varchar(150)NOTNULL,

`publisher` varchar(150)NOTNULL,

`publish\_date` dateNOTNULL,

`status` int(1)NOTNULL

) ENGINE=InnoDB AUTO\_INCREMENT=10 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `books`

--

INSERTINTO `books`(`id`, `isbn`, `category\_id`, `title`, `author`, `publisher`, `publish\_date`, `status`)VALUES

(4,'0021', 5,'Effective C++','Scott Meyers','Hoobstank Publishers','2018-06-03', 1),

(5,'01', 1,'Software Engineering','ABCDEFF','Jacobs Publisher','2018-05-07', 1),

(6,'002', 5,'Python Cookbook','ABCDEFF','Jacobs Publisher','2018-06-01', 0),

(7,'005', 1,'Machinery Handbook','ABCDEFF','Jacobs Publisher','2018-04-03', 1),

(8,'555', 3,'A Brief History of Time','Stephen Hawkings','Jacobs Publisher','2018-06-09', 1),

(9,'123', 5,'Java 2','Herbert ','Demo Publisher','2018-05-15', 0);

-- --------------------------------------------------------

--

-- Table structure for table `borrow`

--

CREATETABLEIFNOTEXISTS `borrow`(

`id` int(11)NOTNULL,

`student\_id` int(11)NOTNULL,

`book\_id` int(11)NOTNULL,

`date\_borrow` dateNOTNULL,

`status` int(1)NOTNULL

) ENGINE=InnoDB AUTO\_INCREMENT=25 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `borrow`

--

INSERTINTO `borrow`(`id`, `student\_id`, `book\_id`, `date\_borrow`, `status`)VALUES

(17, 3, 1,'2018-05-04', 0),

(18, 3, 2,'2018-05-04', 1),

(19, 5, 3,'2018-06-26', 0),

(23, 6, 7,'2018-06-26', 0),

(24, 6, 4,'2018-06-26', 0);

-- --------------------------------------------------------

--

-- Table structure for table `category`

--

CREATETABLEIFNOTEXISTS `category`(

`id` int(11)NOTNULL,

`name` varchar(100)NOTNULL

) ENGINE=InnoDB AUTO\_INCREMENT=6 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `category`

--

INSERTINTO `category`(`id`, `name`)VALUES

(1,'Engineering'),

(2,'Mathematics'),

(3,'Science and Technology'),

(4,'History'),

(5,'IT Programming');

-- --------------------------------------------------------

--

-- Table structure for table `course`

--

CREATETABLEIFNOTEXISTS `course`(

`id` int(11)NOTNULL,

`title` textNOTNULL,

`code` varchar(15)NOTNULL

) ENGINE=InnoDB AUTO\_INCREMENT=4 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `course`

--

INSERTINTO `course`(`id`, `title`, `code`)VALUES

(1,'Bachelor of Science in Information Systems','BSIS'),

(2,'Bachelor of Science in Computer Science','BSCS'),

(3,'Bachelors of Information Technology','BIT');

-- --------------------------------------------------------

--

-- Table structure for table `returns`

--

CREATETABLEIFNOTEXISTS `returns`(

`id` int(11)NOTNULL,

`student\_id` int(11)NOTNULL,

`book\_id` int(11)NOTNULL,

`date\_return` dateNOTNULL

) ENGINE=InnoDB AUTO\_INCREMENT=6 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `returns`

--

INSERTINTO `returns`(`id`, `student\_id`, `book\_id`, `date\_return`)VALUES

(3, 3, 2,'2018-05-04'),

(4, 3, 2,'2018-05-04'),

(5, 6, 4,'2018-06-26');

-- --------------------------------------------------------

--

-- Table structure for table `students`

--

CREATETABLEIFNOTEXISTS `students`(

`id` int(11)NOTNULL,

`student\_id` varchar(15)NOTNULL,

`firstname` varchar(50)NOTNULL,

`lastname` varchar(50)NOTNULL,

`photo` varchar(200)NOTNULL,

`course\_id` int(11)NOTNULL,

`created\_on` dateNOTNULL

) ENGINE=InnoDB AUTO\_INCREMENT=7 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `students`

--

INSERTINTO `students`(`id`, `student\_id`, `firstname`, `lastname`, `photo`, `course\_id`, `created\_on`)VALUES

(3,'IMU702639514','Neovic','Devierte','facebook-profile-image.jpeg', 1,'2018-05-04'),

(4,'TBD917438625','Gemalyn','Cepe','', 2,'2018-05-04'),

(5,'GSU960812475','Christine','Gray','', 1,'2018-06-26'),

(6,'NOY017542369','Tonny','Jr','', 1,'2018-06-26');

--

-- Indexes for dumped tables

--

--

-- Indexes for table `admin`

--

ALTERTABLE `admin`

ADDPRIMARYKEY (`id`);

--

-- Indexes for table `books`

--

ALTERTABLE `books`

ADDPRIMARYKEY (`id`);

--

-- Indexes for table `borrow`

--

ALTERTABLE `borrow`

ADDPRIMARYKEY (`id`);

--

-- Indexes for table `category`

--

ALTERTABLE `category`

ADDPRIMARYKEY (`id`);

--

-- Indexes for table `course`

--

ALTERTABLE `course`

ADDPRIMARYKEY (`id`);

--

-- Indexes for table `returns`

--

ALTERTABLE `returns`

ADDPRIMARYKEY (`id`);

--

-- Indexes for table `students`

--

ALTERTABLE `students`

ADDPRIMARYKEY (`id`);

--

-- AUTO\_INCREMENT for dumped tables

--

--

-- AUTO\_INCREMENT for table `admin`

--

ALTERTABLE `admin`

MODIFY `id` int(11)NOTNULL AUTO\_INCREMENT,AUTO\_INCREMENT=2;

--

-- AUTO\_INCREMENT for table `books`

--

ALTERTABLE `books`

MODIFY `id` int(11)NOTNULL AUTO\_INCREMENT,AUTO\_INCREMENT=10;

--

-- AUTO\_INCREMENT for table `borrow`

--

ALTERTABLE `borrow`

MODIFY `id` int(11)NOTNULL AUTO\_INCREMENT,AUTO\_INCREMENT=25;

--

-- AUTO\_INCREMENT for table `category`

--

ALTERTABLE `category`

MODIFY `id` int(11)NOTNULL AUTO\_INCREMENT,AUTO\_INCREMENT=6;

--

-- AUTO\_INCREMENT for table `course`

--

ALTERTABLE `course`

MODIFY `id` int(11)NOTNULL AUTO\_INCREMENT,AUTO\_INCREMENT=4;

--

-- AUTO\_INCREMENT for table `returns`

--

ALTERTABLE `returns`

MODIFY `id` int(11)NOTNULL AUTO\_INCREMENT,AUTO\_INCREMENT=6;

--

-- AUTO\_INCREMENT for table `students`

--

ALTERTABLE `students`

MODIFY `id` int(11)NOTNULL AUTO\_INCREMENT,AUTO\_INCREMENT=7;

/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;

The above code shows the database connection code. The above code

is used for making connectivity between the database tables and the java code. The connection statement contains the path to the database to be connected to the java code, username and the password to the database. The prepared statement

contains the SQL query to be executed. The result set statement contains the statement to execute the query in the prepared statement. The above code is common for all the java code. It should be used by creating objects for them.

**CODE:**

<?phpinclude'includes/session.php'; ?>

<?php

$catid=0;

$where='';

if(isset($\_GET['category'])){

$catid=$\_GET['category'];

$where='WHERE books.category\_id = '.$catid;

}

?>

<?phpinclude'includes/header.php'; ?>

<body class="hold-transition skin-blue sidebar-mini">

<div class="wrapper">

<?phpinclude'includes/navbar.php'; ?>

<?phpinclude'includes/menubar.php'; ?>

<!-- Content Wrapper. Contains page content -->

<div class="content-wrapper">

<!-- Content Header (Page header) -->

<section class="content-header">

<h1>

Book List

</h1>

<ol class="breadcrumb">

<li><a href="#"><i class="fa fa-dashboard"></i> Home</a></li>

<li>Books</li>

<li class="active">Book List</li>

</ol>

</section>

<!-- Main content -->

<section class="content">

<?php

if(isset($\_SESSION['error'])){

echo"

<div class='alert alert-danger alert-dismissible'>

<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>

<h4><i class='icon fa fa-warning'></i> Error!</h4>

".$\_SESSION['error']."

</div>

";

unset($\_SESSION['error']);

}

if(isset($\_SESSION['success'])){

echo"

<div class='alert alert-success alert-dismissible'>

<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>

<h4><i class='icon fa fa-check'></i> Success!</h4>

".$\_SESSION['success']."

</div>

";

unset($\_SESSION['success']);

}

?>

<div class="row">

<div class="col-xs-12">

<div class="box">

<div class="box-header with-border">

<a href="#addnew" data-toggle="modal" class="btn btn-primary btn-sm btn-flat"><i class="fa fa-plus"></i> New</a>

<div class="box-tools pull-right">

<form class="form-inline">

<div class="form-group">

<label>Category: </label>

<select class="form-control input-sm" id="select\_category">

<option value="0">ALL</option>

<?php

$sql="SELECT\*FROM category";

$query=$conn->query($sql);

while($catrow=$query->fetch\_assoc()){

$selected= ($catid==$catrow['id']) ?" selected":"";

echo"

<option value='".$catrow['id']."' ".$selected.">".$catrow['name']."</option>

";

}

?>

</select>

</div>

</form>

</div>

</div>

<div class="box-body">

<table id="example1" class="table table-bordered">

<thead>

<th>Category</th>

<th>ISBN</th>

<th>Title</th>

<th>Author</th>

<th>Publisher</th>

<th>Status</th>

<th>Tools</th>

</thead>

<tbody>

<?php

$sql="SELECT\*, books.idAS bookid FROM books LEFT JOIN category ONcategory.id=books.category\_id$where";

$query=$conn->query($sql);

while($row=$query->fetch\_assoc()){

if($row['status']){

$status='<span class="label label-danger">borrowed</span>';

}

else{

$status='<span class="label label-success">available</span>';

}

echo"

<tr>

<td>".$row['name']."</td>

<td>".$row['isbn']."</td>

<td>".$row['title']."</td>

<td>".$row['author']."</td>

<td>".$row['publisher']."</td>

<td>".$status."</td>

<td>

<button class='btn btn-success btn-sm edit btn-flat' data-id='".$row['bookid']."'><i class='fa fa-edit'></i> Edit</button>

<button class='btn btn-danger btn-sm delete btn-flat' data-id='".$row['bookid']."'><i class='fa fa-trash'></i> Delete</button>

</td>

</tr>

";

}

?>

</tbody>

</table>

</div>

</div>

</div>

</div>

</section>

</div>

<?phpinclude'includes/footer.php'; ?>

<?phpinclude'includes/book\_modal.php'; ?>

</div>

<?phpinclude'includes/scripts.php'; ?>

<script>

$(function(){

$('#select\_category').change(function(){

varvalue=$(this).val();

if(value==0){

window.location='book.php';

}

else{

window.location='book.php?category='+value;

}

});

$(document).on('click', '.edit', function(e){

e.preventDefault();

$('#edit').modal('show');

varid=$(this).data('id');

getRow(id);

});

$(document).on('click', '.edit', function(e){

e.preventDefault();

$('#delete').modal('show');

varid=$(this).data('id');

getRow(id);

});

});

functiongetRow(id){

$.ajax({

type: 'POST',

url: 'book\_row.php',

data: {id:id},

dataType: 'json',

success: function(response){

$('.bookid').val(response.bookid);

$('#edit\_isbn').val(response.isbn);

$('#edit\_title').val(response.title);

$('#catselect').val(response.category\_id).html(response.name);

$('#edit\_author').val(response.author);

$('#edit\_publisher').val(response.publisher);

$('#datepicker\_edit').val(response.publish\_date);

$('#del\_book').html(response.title);

}

});

}

</script>

</body>

</html>

<?php

include'includes/session.php';

if(isset($\_POST['add'])){

$isbn=$\_POST['isbn'];

$title=$\_POST['title'];

$category=$\_POST['category'];

$author=$\_POST['author'];

$publisher=$\_POST['publisher'];

$pub\_date=$\_POST['pub\_date'];

$sql="INSERTINTO books (isbn, category\_id, title, author, publisher, publish\_date) VALUES ('$isbn', '$category', '$title', '$author', '$publisher', '$pub\_date')";

if($conn->query($sql)){

$\_SESSION['success'] ='Book added successfully';

}

else{

$\_SESSION['error'] =$conn->error;

}

}

else{

$\_SESSION['error'] ='Fill up add form first';

}

header('location: book.php');

?>

<?php

include'includes/session.php';

if(isset($\_POST['delete'])){

$id=$\_POST['id'];

$sql="DELETEFROM books WHERE id ='$id'";

if($conn->query($sql)){

$\_SESSION['success'] ='Book deleted successfully';

}

else{

$\_SESSION['error'] =$conn->error;

}

}

else{

$\_SESSION['error'] ='Select item to delete first';

}

header('location: book.php');

?>

<?php

include'includes/session.php';

if(isset($\_POST['edit'])){

$id=$\_POST['id'];

$isbn=$\_POST['isbn'];

$title=$\_POST['title'];

$category=$\_POST['category'];

$author=$\_POST['author'];

$publisher=$\_POST['publisher'];

$pub\_date=$\_POST['pub\_date'];

$sql="UPDATE books SET isbn ='$isbn', title ='$title', category\_id ='$category', author ='$author', publisher ='$publisher', publish\_date ='$pub\_date'WHERE id ='$id'";

if($conn->query($sql)){

$\_SESSION['success'] ='Book updated successfully';

}

else{

$\_SESSION['error'] =$conn->error;

}

}

else{

$\_SESSION['error'] ='Fill up edit form first';

}

header('location:book.php');

?>

<?php

include'includes/session.php';

if(isset($\_POST['id'])){

$id=$\_POST['id'];

$sql="SELECT\*, books.idAS bookid FROM books LEFT JOIN category ONcategory.id=books.category\_idWHEREbooks.id='$id'";

$query=$conn->query($sql);

$row=$query->fetch\_assoc();

echojson\_encode($row);

}

?>

<?phpinclude'includes/session.php'; ?>

<?phpinclude'includes/header.php'; ?>

<body class="hold-transition skin-blue sidebar-mini">

<div class="wrapper">

<?phpinclude'includes/navbar.php'; ?>

<?phpinclude'includes/menubar.php'; ?>

<!-- Content Wrapper. Contains page content -->

<div class="content-wrapper">

<!-- Content Header (Page header) -->

<section class="content-header">

<h1>

Borrow Books

</h1>

<ol class="breadcrumb">

<li><a href="#"><i class="fa fa-dashboard"></i> Home</a></li>

<li>Transaction</li>

<li class="active">Borrow</li>

</ol>

</section>

<!-- Main content -->

<section class="content">

<?php

if(isset($\_SESSION['error'])){

?>

<div class="alert alert-danger alert-dismissible">

<button type="button" class="close" data-dismiss="alert" aria-hidden="true">&times;</button>

<h4><i class="icon fa fa-warning"></i> Error!</h4>

<ul>

<?php

foreach($\_SESSION['error'] as$error){

echo"

<li>".$error."</li>

";

}

?>

</ul>

</div>

<?php

unset($\_SESSION['error']);

}

if(isset($\_SESSION['success'])){

echo"

<div class='alert alert-success alert-dismissible'>

<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>

<h4><i class='icon fa fa-check'></i> Success!</h4>

".$\_SESSION['success']."

</div>

";

unset($\_SESSION['success']);

}

?>

<div class="row">

<div class="col-xs-12">

<div class="box">

<div class="box-header with-border">

<a href="#addnew" data-toggle="modal" class="btn btn-primary btn-sm btn-flat"><i class="fa fa-plus"></i> Borrow</a>

</div>

<div class="box-body">

<table id="example1" class="table table-bordered">

<thead>

<th class="hidden"></th>

<th>Date</th>

<th>Student ID</th>

<th>Name</th>

<th>ISBN</th>

<th>Title</th>

<th>Status</th>

</thead>

<tbody>

<?php

$sql="SELECT\*, students.student\_idAS stud, borrow.statusAS barstat FROM borrow LEFT JOIN students ONstudents.id=borrow.student\_idLEFT JOIN books ONbooks.id=borrow.book\_idORDER BY date\_borrow DESC";

$query=$conn->query($sql);

while($row=$query->fetch\_assoc()){

if($row['barstat']){

$status='<span class="label label-success">returned</span>';

}

else{

$status='<span class="label label-danger">not returned</span>';

}

echo"

<tr>

<td class='hidden'></td>

<td>".date('M d, Y', strtotime($row['date\_borrow']))."</td>

<td>".$row['stud']."</td>

<td>".$row['firstname'].' '.$row['lastname']."</td>

<td>".$row['isbn']."</td>

<td>".$row['title']."</td>

<td>".$status."</td>

</tr>

";

}

?>

</tbody>

</table>

</div>

</div>

</div>

</div>

</section>

</div>

<?phpinclude'includes/footer.php'; ?>

<?phpinclude'includes/borrow\_modal.php'; ?>

</div>

<?phpinclude'includes/scripts.php'; ?>

<script>

$(function(){

$(document).on('click', '#append', function(e){

e.preventDefault();

$('#append-div').append(

'<div class="form-group"><label for="" class="col-sm-3 control-label">ISBN</label><div class="col-sm-9"><input type="text" class="form-control" name="isbn[]"></div></div>'

);

});

});

</script>

</body>

</html>

<?php

include'includes/session.php';

if(isset($\_POST['add'])){

$student=$\_POST['student'];

$sql="SELECT\*FROM students WHERE student\_id ='$student'";

$query=$conn->query($sql);

if($query->num\_rows<1){

if(!isset($\_SESSION['error'])){

$\_SESSION['error'] =array();

}

$\_SESSION['error'][] ='Student not found';

}

else{

$row=$query->fetch\_assoc();

$student\_id=$row['id'];

$added=0;

foreach($\_POST['isbn'] as$isbn){

if(!empty($isbn)){

$sql="SELECT\*FROM books WHERE isbn ='$isbn'ANDstatus!=1";

$query=$conn->query($sql);

if($query->num\_rows>0){

$brow=$query->fetch\_assoc();

$bid=$brow['id'];

$sql="INSERTINTO borrow (student\_id, book\_id, date\_borrow) VALUES ('$student\_id', '$bid', NOW())";

if($conn->query($sql)){

$added++;

$sql="UPDATE books SETstatus=1WHERE id ='$bid'";

$conn->query($sql);

}

else{

if(!isset($\_SESSION['error'])){

$\_SESSION['error'] =array();

}

$\_SESSION['error'][] =$conn->error;

}

}

else{

if(!isset($\_SESSION['error'])){

$\_SESSION['error'] =array();

}

$\_SESSION['error'][] ='Book with ISBN - '.$isbn.' unavailable';

}

}

}

if($added>0){

$book= ($added==1) ?'Book':'Books';

$\_SESSION['success'] =$added.' '.$book.' successfully borrowed';

}

}

}

else{

$\_SESSION['error'] ='Fill up add form first';

}

header('location: borrow.php');

?>

<?phpinclude'includes/session.php'; ?>

<?phpinclude'includes/header.php'; ?>

<body class="hold-transition skin-blue sidebar-mini">

<div class="wrapper">

<?phpinclude'includes/navbar.php'; ?>

<?phpinclude'includes/menubar.php'; ?>

<!-- Content Wrapper. Contains page content -->

<div class="content-wrapper">

<!-- Content Header (Page header) -->

<section class="content-header">

<h1>

Category

</h1>

<ol class="breadcrumb">

<li><a href="#"><i class="fa fa-dashboard"></i> Home</a></li>

<li>Books</li>

<li class="active">Category</li>

</ol>

</section>

<!-- Main content -->

<section class="content">

<?php

if(isset($\_SESSION['error'])){

echo"

<div class='alert alert-danger alert-dismissible'>

<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>

<h4><i class='icon fa fa-warning'></i> Error!</h4>

".$\_SESSION['error']."

</div>

";

unset($\_SESSION['error']);

}

if(isset($\_SESSION['success'])){

echo"

<div class='alert alert-success alert-dismissible'>

<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>

<h4><i class='icon fa fa-check'></i> Success!</h4>

".$\_SESSION['success']."

</div>

";

unset($\_SESSION['success']);

}

?>

<div class="row">

<div class="col-xs-12">

<div class="box">

<div class="box-header with-border">

<a href="#addnew" data-toggle="modal" class="btn btn-primary btn-sm btn-flat"><i class="fa fa-plus"></i> New</a>

</div>

<div class="box-body">

<table id="example1" class="table table-bordered">

<thead>

<th>Category</th>

<th>Tools</th>

</thead>

<tbody>

<?php

$sql="SELECT\*FROM category";

$query=$conn->query($sql);

while($row=$query->fetch\_assoc()){

echo"

<tr>

<td>".$row['name']."</td>

<td>

<button class='btn btn-success btn-sm edit btn-flat' data-id='".$row['id']."'><i class='fa fa-edit'></i> Edit</button>

<button class='btn btn-danger btn-sm delete btn-flat' data-id='".$row['id']."'><i class='fa fa-trash'></i> Delete</button>

</td>

</tr>

";

}

?>

</tbody>

</table>

</div>

</div>

</div>

</div>

</section>

</div>

<?phpinclude'includes/footer.php'; ?>

<?phpinclude'includes/category\_modal.php'; ?>

</div>

<?phpinclude'includes/scripts.php'; ?>

<script>

$(function(){

$(document).on('click', '.edit', function(e){

e.preventDefault();

$('#edit').modal('show');

varid=$(this).data('id');

getRow(id);

});

$(document).on('click', '.delete', function(e){

e.preventDefault();

$('#delete').modal('show');

varid=$(this).data('id');

getRow(id);

});

});

functiongetRow(id){

$.ajax({

type: 'POST',

url: 'category\_row.php',

data: {id:id},

dataType: 'json',

success: function(response){

$('.catid').val(response.id);

$('#edit\_name').val(response.name);

$('#del\_cat').html(response.name);

}

});

}

</script>

</body>

</html>

<?php

include'includes/session.php';

if(isset($\_POST['add'])){

$name=$\_POST['name'];

$sql="INSERTINTO category (name) VALUES ('$name')";

if($conn->query($sql)){

$\_SESSION['success'] ='Category added successfully';

}

else{

$\_SESSION['error'] =$conn->error;

}

}

else{

$\_SESSION['error'] ='Fill up add form first';

}

header('location: category.php');

?>

<?php

include'includes/session.php';

if(isset($\_POST['delete'])){

$id=$\_POST['id'];

$sql="DELETEFROM category WHERE id ='$id'";

if($conn->query($sql)){

$\_SESSION['success'] ='Category deleted successfully';

}

else{

$\_SESSION['error'] =$conn->error;

}

}

else{

$\_SESSION['error'] ='Select item to delete first';

}

header('location: category.php');

?>

<?php

include'includes/session.php';

if(isset($\_POST['edit'])){

$id=$\_POST['id'];

$name=$\_POST['name'];

$sql="UPDATE category SETname='$name'WHERE id ='$id'";

if($conn->query($sql)){

$\_SESSION['success'] ='Category updated successfully';

}

else{

$\_SESSION['error'] =$conn->error;

}

}

else{

$\_SESSION['error'] ='Fill up edit form first';

}

header('location:category.php');

?>

<?php

include'includes/session.php';

if(isset($\_POST['id'])){

$id=$\_POST['id'];

$sql="SELECT\*FROM category WHERE id ='$id'";

$query=$conn->query($sql);

$row=$query->fetch\_assoc();

echojson\_encode($row);

}

?>

<?phpinclude'includes/session.php'; ?>

<?phpinclude'includes/header.php'; ?>

<body class="hold-transition skin-blue sidebar-mini">

<div class="wrapper">

<?phpinclude'includes/navbar.php'; ?>

<?phpinclude'includes/menubar.php'; ?>

<!-- Content Wrapper. Contains page content -->

<div class="content-wrapper">

<!-- Content Header (Page header) -->

<section class="content-header">

<h1>

Course

</h1>

<ol class="breadcrumb">

<li><a href="#"><i class="fa fa-dashboard"></i> Home</a></li>

<li>Students</li>

<li class="active">Course</li>

</ol>

</section>

<!-- Main content -->

<section class="content">

<?php

if(isset($\_SESSION['error'])){

echo"

<div class='alert alert-danger alert-dismissible'>

<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>

<h4><i class='icon fa fa-warning'></i> Error!</h4>

".$\_SESSION['error']."

</div>

";

unset($\_SESSION['error']);

}

if(isset($\_SESSION['success'])){

echo"

<div class='alert alert-success alert-dismissible'>

<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>

<h4><i class='icon fa fa-check'></i> Success!</h4>

".$\_SESSION['success']."

</div>

";

unset($\_SESSION['success']);

}

?>

<div class="row">

<div class="col-xs-12">

<div class="box">

<div class="box-header with-border">

<a href="#addnew" data-toggle="modal" class="btn btn-primary btn-sm btn-flat"><i class="fa fa-plus"></i> New</a>

</div>

<div class="box-body">

<table id="example1" class="table table-bordered">

<thead>

<th>Code</th>

<th>Course Title</th>

<th>Tools</th>

</thead>

<tbody>

<?php

$sql="SELECT\*FROM course";

$query=$conn->query($sql);

while($row=$query->fetch\_assoc()){

echo"

<tr>

<td>".$row['code']."</td>

<td>".$row['title']."</td>

<td>

<button class='btn btn-success btn-sm edit btn-flat' data-id='".$row['id']."'><i class='fa fa-edit'></i> Edit</button>

<button class='btn btn-danger btn-sm delete btn-flat' data-id='".$row['id']."'><i class='fa fa-trash'></i> Delete</button>

</td>

</tr>

";

}

?>

</tbody>

</table>

</div>

</div>

</div>

</div>

</section>

</div>

<?phpinclude'includes/footer.php'; ?>

<?phpinclude'includes/course\_modal.php'; ?>

</div>

<?phpinclude'includes/scripts.php'; ?>

<script>

$(function(){

$(document).on('click', '.edit', function(e){

e.preventDefault();

$('#edit').modal('show');

varid=$(this).data('id');

getRow(id);

});

$(document).on('click', '.delete', function(e){

e.preventDefault();

$('#delete').modal('show');

varid=$(this).data('id');

getRow(id);

});

});

functiongetRow(id){

$.ajax({

type: 'POST',

url: 'course\_row.php',

data: {id:id},

dataType: 'json',

success: function(response){

$('.corid').val(response.id);

$('#edit\_code').val(response.code);

$('#edit\_title').val(response.title);

$('#del\_code').html(response.code);

}

});

}

</script>

</body>

</html>

<?php

include'includes/session.php';

if(isset($\_POST['add'])){

$code=$\_POST['code'];

$title=$\_POST['title'];

$sql="INSERTINTO course (code, title) VALUES ('$code', '$title')";

if($conn->query($sql)){

$\_SESSION['success'] ='Course added successfully';

}

else{

$\_SESSION['error'] =$conn->error;

}

}

else{

$\_SESSION['error'] ='Fill up add form first';

}

header('location: course.php');

?>

<?php

include'includes/session.php';

if(isset($\_POST['delete'])){

$id=$\_POST['id'];

$sql="DELETEFROM course WHERE id ='$id'";

if($conn->query($sql)){

$\_SESSION['success'] ='Course deleted successfully';

}

else{

$\_SESSION['error'] =$conn->error;

}

}

else{

$\_SESSION['error'] ='Select item to delete first';

}

header('location: course.php');

?>

<?php

include'includes/session.php';

if(isset($\_POST['edit'])){

$id=$\_POST['id'];

$code=$\_POST['code'];

$title=$\_POST['title'];

$sql="UPDATE course SET code ='$code', title ='$title'WHERE id ='$id'";

if($conn->query($sql)){

$\_SESSION['success'] ='Course updated successfully';

}

else{

$\_SESSION['error'] =$conn->error;

}

}

else{

$\_SESSION['error'] ='Fill up edit form first';

}

header('location:course.php');

?>

<?php

include'includes/session.php';

if(isset($\_POST['id'])){

$id=$\_POST['id'];

$sql="SELECT\*FROM course WHERE id ='$id'";

$query=$conn->query($sql);

$row=$query->fetch\_assoc();

echojson\_encode($row);

}

?>

<?phpinclude'includes/session.php'; ?>

<?php

include'includes/timezone.php';

$today=date('Y-m-d');

$year=date('Y');

if(isset($\_GET['year'])){

$year=$\_GET['year'];

}

?>

<?phpinclude'includes/header.php'; ?>

<body class="hold-transition skin-blue sidebar-mini">

<div class="wrapper">

<?phpinclude'includes/navbar.php'; ?>

<?phpinclude'includes/menubar.php'; ?>

<!-- Content Wrapper. Contains page content -->

<div class="content-wrapper">

<!-- Content Header (Page header) -->

<section class="content-header">

<h1>

Dashboard

</h1>

<ol class="breadcrumb">

<li><a href="#"><i class="fa fa-dashboard"></i> Home</a></li>

<li class="active">Dashboard</li>

</ol>

</section>

<!-- Main content -->

<section class="content">

<?php

if(isset($\_SESSION['error'])){

echo"

<div class='alert alert-danger alert-dismissible'>

<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>

<h4><i class='icon fa fa-warning'></i> Error!</h4>

".$\_SESSION['error']."

</div>

";

unset($\_SESSION['error']);

}

if(isset($\_SESSION['success'])){

echo"

<div class='alert alert-success alert-dismissible'>

<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>

<h4><i class='icon fa fa-check'></i> Success!</h4>

".$\_SESSION['success']."

</div>

";

unset($\_SESSION['success']);

}

?>

<!-- Small boxes (Stat box) -->

<div class="row">

<div class="col-lg-3 col-xs-6">

<!-- small box -->

<div class="small-box bg-aqua">

<div class="inner">

<?php

$sql="SELECT\*FROM books";

$query=$conn->query($sql);

echo"<h3>".$query->num\_rows."</h3>";

?>

<p>Total Books</p>

</div>

<div class="icon">

<i class="fa fa-book"></i>

</div>

<a href="book.php" class="small-box-footer">More info <i class="fa fa-arrow-circle-right"></i></a>

</div>

</div>

<!-- ./col -->

<div class="col-lg-3 col-xs-6">

<!-- small box -->

<div class="small-box bg-green">

<div class="inner">

<?php

$sql="SELECT\*FROM students";

$query=$conn->query($sql);

echo"<h3>".$query->num\_rows."</h3>";

?>

<p>Total Students</p>

</div>

<div class="icon">

<i class="fa fa-graduation-cap"></i>

</div>

<a href="student.php" class="small-box-footer">More info <i class="fa fa-arrow-circle-right"></i></a>

</div>

</div>

<!-- ./col -->

<div class="col-lg-3 col-xs-6">

<!-- small box -->

<div class="small-box bg-yellow">

<div class="inner">

<?php

$sql="SELECT\*FROMreturnsWHERE date\_return ='$today'";

$query=$conn->query($sql);

echo"<h3>".$query->num\_rows."</h3>";

?>

<p>Returned Today</p>

</div>

<div class="icon">

<i class="fa fa-mail-reply"></i>

</div>

<a href="return.php" class="small-box-footer">More info <i class="fa fa-arrow-circle-right"></i></a>

</div>

</div>

<!-- ./col -->

<div class="col-lg-3 col-xs-6">

<!-- small box -->

<div class="small-box bg-red">

<div class="inner">

<?php

$sql="SELECT\*FROM borrow WHERE date\_borrow ='$today'";

$query=$conn->query($sql);

echo"<h3>".$query->num\_rows."</h3>";

?>

<p>Borrowed Today</p>

</div>

<div class="icon">

<i class="fa fa-mail-forward"></i>

</div>

<a href="borrow.php" class="small-box-footer">More info <i class="fa fa-arrow-circle-right"></i></a>

</div>

</div>

<!-- ./col -->

</div>

<!-- /.row -->

<div class="row">

<div class="col-xs-12">

<div class="box">

<div class="box-header with-border">

<h3 class="box-title">Monthly Transaction Report</h3>

<div class="box-tools pull-right">

<form class="form-inline">

<div class="form-group">

<label>Select Year: </label>

<select class="form-control input-sm" id="select\_year">

<?php

for($i=2015; $i<=2065; $i++){

$selected= ($i==$year)?'selected':'';

echo"

<option value='".$i."' ".$selected.">".$i."</option>

";

}

?>

</select>

</div>

</form>

</div>

</div>

<div class="box-body">

<div class="chart">

<br>

<div id="legend" class="text-center"></div>

<canvas id="barChart" style="height:350px"></canvas>

</div>

</div>

</div>

</div>

</div>

</section>

<!-- right col -->

</div>

<?phpinclude'includes/footer.php'; ?>

</div>

<!-- ./wrapper -->

<!-- Chart Data -->

<?php

$and='ANDYEAR(date) ='.$year;

$months=array();

$return=array();

$borrow=array();

for( $m=1; $m<=12; $m++ ) {

$sql="SELECT\*FROMreturnsWHEREMONTH(date\_return) ='$m'ANDYEAR(date\_return) ='$year'";

$rquery=$conn->query($sql);

array\_push($return, $rquery->num\_rows);

$sql="SELECT\*FROM borrow WHEREMONTH(date\_borrow) ='$m'ANDYEAR(date\_borrow) ='$year'";

$bquery=$conn->query($sql);

array\_push($borrow, $bquery->num\_rows);

$num=str\_pad( $m, 2, 0, STR\_PAD\_LEFT );

$month= date('M', mktime(0, 0, 0, $m, 1));

array\_push($months, $month);

}

$months=json\_encode($months);

$return=json\_encode($return);

$borrow=json\_encode($borrow);

?>

<!-- End Chart Data -->

<?phpinclude'includes/scripts.php'; ?>

<script>

$(function(){

varbarChartCanvas=$('#barChart').get(0).getContext('2d')

varbarChart=newChart(barChartCanvas)

varbarChartData= {

labels : <?phpecho$months; ?>,

datasets: [

{

label : 'Borrow',

fillColor : 'rgba(210, 214, 222, 1)',

strokeColor : 'rgba(210, 214, 222, 1)',

pointColor : 'rgba(210, 214, 222, 1)',

pointStrokeColor : '#c1c7d1',

pointHighlightFill : '#fff',

pointHighlightStroke: 'rgba(220,220,220,1)',

data : <?phpecho$borrow; ?>

},

{

label : 'Return',

fillColor : 'rgba(60,141,188,0.9)',

strokeColor : 'rgba(60,141,188,0.8)',

pointColor : '#3b8bba',

pointStrokeColor : 'rgba(60,141,188,1)',

pointHighlightFill : '#fff',

pointHighlightStroke: 'rgba(60,141,188,1)',

data : <?phpecho$return; ?>

}

]

}

barChartData.datasets[1].fillColor ='#00a65a'

barChartData.datasets[1].strokeColor='#00a65a'

barChartData.datasets[1].pointColor ='#00a65a'

varbarChartOptions = {

//Boolean - Whether the scale should start at zero, or an order of magnitude down from the lowest value

scaleBeginAtZero : true,

//Boolean - Whether grid lines are shown across the chart

scaleShowGridLines : true,

//String - Colour of the grid lines

scaleGridLineColor : 'rgba(0,0,0,.05)',

//Number - Width of the grid lines

scaleGridLineWidth : 1,

//Boolean - Whether to show horizontal lines (except X axis)

scaleShowHorizontalLines: true,

//Boolean - Whether to show vertical lines (except Y axis)

scaleShowVerticalLines : true,

//Boolean - If there is a stroke on each bar

barShowStroke : true,

//Number - Pixel width of the bar stroke

barStrokeWidth : 2,

//Number - Spacing between each of the X value sets

barValueSpacing : 5,

//Number - Spacing between data sets within X values

barDatasetSpacing : 1,

//String - A legend template

legendTemplate : '<ul class="<%=name.toLowerCase()%>-legend"><% for (var i=0; i<datasets.length; i++){%><li><span style="background-color:<%=datasets[i].fillColor%>"></span><%if(datasets[i].label){%><%=datasets[i].label%><%}%></li><%}%></ul>',

//Boolean - whether to make the chart responsive

responsive : true,

maintainAspectRatio : true

}

barChartOptions.datasetFill=false

varmyChart=barChart.Bar(barChartData, barChartOptions)

document.getElementById('legend').innerHTML=myChart.generateLegend();

});

</script>

<script>

$(function(){

$('#select\_year').change(function(){

window.location.href='home.php?year='+$(this).val();

});

});

</script>

</body>

</html>

<?php

session\_start();

if(isset($\_SESSION['admin'])){

header('location:home.php');

}

?>

<?phpinclude'includes/header.php'; ?>

<body class="hold-transition login-page">

<div class="login-box">

<div class="login-logo">

<b>Library System</b>

</div>

<div class="login-box-body">

<p class="login-box-msg">Sign in to start your session</p>

<form action="login.php" method="POST">

<div class="form-group has-feedback">

<input type="text" class="form-control" name="username" placeholder="input Username" required autofocus>

<span class="glyphicon glyphicon-user form-control-feedback"></span>

</div>

<div class="form-group has-feedback">

<input type="password" class="form-control" name="password" placeholder="input Password" required>

<span class="glyphicon glyphicon-lock form-control-feedback"></span>

</div>

<div class="row">

<div class="col-xs-4">

<button type="submit" class="btn btn-primary btn-block btn-flat" name="login"><i class="fa fa-sign-in"></i> Sign In</button>

</div>

</div>

</form>

</div>

<?php

if(isset($\_SESSION['error'])){

echo"

<div class='callout callout-danger text-center mt20'>

<p>".$\_SESSION['error']."</p>

</div>

";

unset($\_SESSION['error']);

}

?>

</div>

<?phpinclude'includes/scripts.php'?>

</body>

</html>

<?php

session\_start();

include'includes/conn.php';

if(isset($\_POST['login'])){

$username=$\_POST['username'];

$password=$\_POST['password'];

$sql="SELECT\*FROMadminWHERE username ='$username'";

$query=$conn->query($sql);

if($query->num\_rows<1){

$\_SESSION['error'] ='Cannot find account with the username';

}

else{

$row=$query->fetch\_assoc();

if(password\_verify($password, $row['password'])){

$\_SESSION['admin'] =$row['id'];

}

else{

$\_SESSION['error'] ='Incorrect password';

}

}

}

else{

$\_SESSION['error'] ='Input admin credentials first';

}

header('location: index.php');

?>

<?php

session\_start();

session\_destroy();

header('location: index.php');

?>

<?php

include'includes/session.php';

if(isset($\_GET['return'])){

$return=$\_GET['return'];

}

else{

$return='home.php';

}

if(isset($\_POST['save'])){

$curr\_password=$\_POST['curr\_password'];

$username=$\_POST['username'];

$password=$\_POST['password'];

$firstname=$\_POST['firstname'];

$lastname=$\_POST['lastname'];

$photo=$\_FILES['photo']['name'];

if(password\_verify($curr\_password, $user['password'])){

if(!empty($photo)){

move\_uploaded\_file($\_FILES['photo']['tmp\_name'], '../images/'.$photo);

$filename=$photo;

}

else{

$filename=$user['photo'];

}

if($password==$user['password']){

$password=$user['password'];

}

else{

$password=password\_hash($password, PASSWORD\_DEFAULT);

}

$sql="UPDATEadminSET username ='$username', password='$password', firstname ='$firstname', lastname ='$lastname', photo ='$filename'WHERE id ='".$user['id']."'";

if($conn->query($sql)){

$\_SESSION['success'] ='Admin profile updated successfully';

}

else{

if($return=='borrow.php'OR$return=='return.php'){

if(!isset($\_SESSION['error'])){

$\_SESSION['error'] =array();

}

$\_SESSION['error'][] =$conn->error;

}

else{

$\_SESSION['error'] =$conn->error;

}

}

}

else{

if($return=='borrow.php'OR$return=='return.php'){

if(!isset($\_SESSION['error'])){

$\_SESSION['error'] =array();

}

$\_SESSION['error'][] ='Incorrect password';

}

else{

$\_SESSION['error'] ='Incorrect password';

}

}

}

else{

if($return=='borrow.php'OR$return=='return.php'){

if(!isset($\_SESSION['error'])){

$\_SESSION['error'] =array();

}

$\_SESSION['error'][] ='Fill up required details first';

}

else{

$\_SESSION['error'] ='Fill up required details first';

}

}

header('location:'.$return);

?>

<?phpinclude'includes/session.php'; ?>

<?phpinclude'includes/header.php'; ?>

<body class="hold-transition skin-blue sidebar-mini">

<div class="wrapper">

<?phpinclude'includes/navbar.php'; ?>

<?phpinclude'includes/menubar.php'; ?>

<!-- Content Wrapper. Contains page content -->

<div class="content-wrapper">

<!-- Content Header (Page header) -->

<section class="content-header">

<h1>

Return Books

</h1>

<ol class="breadcrumb">

<li><a href="#"><i class="fa fa-dashboard"></i> Home</a></li>

<li>Transaction</li>

<li class="active">Return</li>

</ol>

</section>

<!-- Main content -->

<section class="content">

<?php

if(isset($\_SESSION['error'])){

?>

<div class="alert alert-danger alert-dismissible">

<button type="button" class="close" data-dismiss="alert" aria-hidden="true">&times;</button>

<h4><i class="icon fa fa-warning"></i> Error!</h4>

<ul>

<?php

foreach($\_SESSION['error'] as$error){

echo"

<li>".$error."</li>

";

}

?>

</ul>

</div>

<?php

unset($\_SESSION['error']);

}

if(isset($\_SESSION['success'])){

echo"

<div class='alert alert-success alert-dismissible'>

<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>

<h4><i class='icon fa fa-check'></i> Success!</h4>

".$\_SESSION['success']."

</div>

";

unset($\_SESSION['success']);

}

?>

<div class="row">

<div class="col-xs-12">

<div class="box">

<div class="box-header with-border">

<a href="#addnew" data-toggle="modal" class="btn btn-primary btn-sm btn-flat"><i class="fa fa-plus"></i> Returns</a>

</div>

<div class="box-body">

<table id="example1" class="table table-bordered">

<thead>

<th class="hidden"></th>

<th>Date</th>

<th>Student ID</th>

<th>Name</th>

<th>ISBN</th>

<th>Title</th>

</thead>

<tbody>

<?php

$sql="SELECT\*, students.student\_idAS stud FROMreturnsLEFT JOIN students ONstudents.id=returns.student\_id LEFT JOIN books ONbooks.id=returns.book\_id ORDER BY date\_return DESC";

$query=$conn->query($sql);

while($row=$query->fetch\_assoc()){

if($row['status']){

$status='<span class="label label-danger">borrowed</span>';

}

else{

$status='<span class="label label-success">returned</span>';

}

echo"

<tr>

<td class='hidden'></td>

<td>".date('M d, Y', strtotime($row['date\_return']))."</td>

<td>".$row['stud']."</td>

<td>".$row['firstname'].' '.$row['lastname']."</td>

<td>".$row['isbn']."</td>

<td>".$row['title']."</td>

</tr>

";

}

?>

</tbody>

</table>

</div>

</div>

</div>

</div>

</section>

</div>

<?phpinclude'includes/footer.php'; ?>

<?phpinclude'includes/return\_modal.php'; ?>

</div>

<?phpinclude'includes/scripts.php'; ?>

<script>

$(function(){

$(document).on('click', '#append', function(e){

e.preventDefault();

$('#append-div').append(

'<div class="form-group"><label for="" class="col-sm-3 control-label">ISBN</label><div class="col-sm-9"><input type="text" class="form-control" name="isbn[]"></div></div>'

);

});

});

</script>

</body>

</html>

<?php

include'includes/session.php';

if(isset($\_POST['add'])){

$student=$\_POST['student'];

$sql="SELECT\*FROM students WHERE student\_id ='$student'";

$query=$conn->query($sql);

if($query->num\_rows<1){

if(!isset($\_SESSION['error'])){

$\_SESSION['error'] =array();

}

$\_SESSION['error'][] ='Student not found';

}

else{

$row=$query->fetch\_assoc();

$student\_id=$row['id'];

$return=0;

foreach($\_POST['isbn'] as$isbn){

if(!empty($isbn)){

$sql="SELECT\*FROM books WHERE isbn ='$isbn'";

$query=$conn->query($sql);

if($query->num\_rows>0){

$brow=$query->fetch\_assoc();

$bid=$brow['id'];

$sql="SELECT\*FROM borrow WHERE student\_id ='$student\_id'AND book\_id ='$bid'ANDstatus=0";

$query=$conn->query($sql);

if($query->num\_rows>0){

$borrow=$query->fetch\_assoc();

$borrow\_id=$borrow['id'];

$sql="INSERTINTOreturns (student\_id, book\_id, date\_return) VALUES ('$student\_id', '$bid', NOW())";

if($conn->query($sql)){

$return++;

$sql="UPDATE books SETstatus=0WHERE id ='$bid'";

$conn->query($sql);

$sql="UPDATE borrow SETstatus=1WHERE id ='$borrow\_id'";

$conn->query($sql);

}

else{

if(!isset($\_SESSION['error'])){

$\_SESSION['error'] =array();

}

$\_SESSION['error'][] =$conn->error;

}

}

else{

if(!isset($\_SESSION['error'])){

$\_SESSION['error'] =array();

}

$\_SESSION['error'][] ='Borrow details not found: ISBN - '.$isbn.', Student ID: '.$student;

}

}

else{

if(!isset($\_SESSION['error'])){

$\_SESSION['error'] =array();

}

$\_SESSION['error'][] ='Book not found: ISBN - '.$isbn;

}

}

}

if($return>0){

$book= ($return==1) ?'Book':'Books';

$\_SESSION['success'] =$return.' '.$book.' successfully returned';

}

}

}

else{

$\_SESSION['error'] ='Fill up add form first';

}

header('location: return.php');

?>

<?phpinclude'includes/session.php'; ?>

<?phpinclude'includes/header.php'; ?>

<body class="hold-transition skin-blue sidebar-mini">

<div class="wrapper">

<?phpinclude'includes/navbar.php'; ?>

<?phpinclude'includes/menubar.php'; ?>

<!-- Content Wrapper. Contains page content -->

<div class="content-wrapper">

<!-- Content Header (Page header) -->

<section class="content-header">

<h1>

Student List

</h1>

<ol class="breadcrumb">

<li><a href="#"><i class="fa fa-dashboard"></i> Home</a></li>

<li>Students</li>

<li class="active">Student List</li>

</ol>

</section>

<!-- Main content -->

<section class="content">

<?php

if(isset($\_SESSION['error'])){

echo"

<div class='alert alert-danger alert-dismissible'>

<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>

<h4><i class='icon fa fa-warning'></i> Error!</h4>

".$\_SESSION['error']."

</div>

";

unset($\_SESSION['error']);

}

if(isset($\_SESSION['success'])){

echo"

<div class='alert alert-success alert-dismissible'>

<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>

<h4><i class='icon fa fa-check'></i> Success!</h4>

".$\_SESSION['success']."

</div>

";

unset($\_SESSION['success']);

}

?>

<div class="row">

<div class="col-xs-12">

<div class="box">

<div class="box-header with-border">

<a href="#addnew" data-toggle="modal" class="btn btn-primary btn-sm btn-flat"><i class="fa fa-plus"></i> New</a>

</div>

<div class="box-body">

<table id="example1" class="table table-bordered">

<thead>

<th>Course</th>

<th>Photo</th>

<th>Student ID</th>

<th>Firstname</th>

<th>Lastname</th>

<th>Tools</th>

</thead>

<tbody>

<?php

$sql="SELECT\*, students.idAS studid FROM students LEFT JOIN course ONcourse.id=students.course\_id";

$query=$conn->query($sql);

while($row=$query->fetch\_assoc()){

$photo= (!empty($row['photo'])) ?'../images/'.$row['photo'] :'../images/profile.jpg';

echo"

<tr>

<td>".$row['code']."</td>

<td>

<img src='".$photo."' width='30px' height='30px'>

<a href='#edit\_photo' data-toggle='modal' class='pull-right photo' data-id='".$row['studid']."'><span class='fa fa-edit'></span></a>

</td>

<td>".$row['student\_id']."</td>

<td>".$row['firstname']."</td>

<td>".$row['lastname']."</td>

<td>

<button class='btn btn-success btn-sm edit btn-flat' data-id='".$row['studid']."'><i class='fa fa-edit'></i> Edit</button>

<button class='btn btn-danger btn-sm delete btn-flat' data-id='".$row['studid']."'><i class='fa fa-trash'></i> Delete</button>

</td>

</tr>

";

}

?>

</tbody>

</table>

</div>

</div>

</div>

</div>

</section>

</div>

<?phpinclude'includes/footer.php'; ?>

<?phpinclude'includes/student\_modal.php'; ?>

</div>

<?phpinclude'includes/scripts.php'; ?>

<script>

$(function(){

$(document).on('click', '.edit', function(e){

e.preventDefault();

$('#edit').modal('show');

varid=$(this).data('id');

getRow(id);

});

$(document).on('click', '.delete', function(e){

e.preventDefault();

$('#delete').modal('show');

varid=$(this).data('id');

getRow(id);

});

$(document).on('click', '.photo', function(e){

e.preventDefault();

varid=$(this).data('id');

getRow(id);

});

});

functiongetRow(id){

$.ajax({

type: 'POST',

url: 'student\_row.php',

data: {id:id},

dataType: 'json',

success: function(response){

$('.studid').val(response.studid);

$('#edit\_firstname').val(response.firstname);

$('#edit\_lastname').val(response.lastname);

$('#selcourse').val(response.course\_id);

$('#selcourse').html(response.code);

$('.del\_stu').html(response.firstname+' '+response.lastname);

}

});

}

</script>

</body>

</html>

<?php

include'includes/session.php';

if(isset($\_POST['add'])){

$firstname=$\_POST['firstname'];

$lastname=$\_POST['lastname'];

$course=$\_POST['course'];

$filename=$\_FILES['photo']['name'];

if(!empty($filename)){

move\_uploaded\_file($\_FILES['photo']['tmp\_name'], '../images/'.$filename);

}

//creating studentid

$letters='';

$numbers='';

foreach (range('A', 'Z') as$char) {

$letters.=$char;

}

for($i=0; $i<10; $i++){

$numbers.=$i;

}

$student\_id=substr(str\_shuffle($letters), 0, 3).substr(str\_shuffle($numbers), 0, 9);

//

$sql="INSERTINTO students (student\_id, firstname, lastname, course\_id, photo, created\_on) VALUES ('$student\_id', '$firstname', '$lastname', '$course', '$filename', NOW())";

if($conn->query($sql)){

$\_SESSION['success'] ='Student added successfully';

}

else{

$\_SESSION['error'] =$conn->error;

}

}

else{

$\_SESSION['error'] ='Fill up add form first';

}

header('location: student.php');

?>

<?php

include'includes/session.php';

if(isset($\_POST['delete'])){

$id=$\_POST['id'];

$sql="DELETEFROM students WHERE id ='$id'";

if($conn->query($sql)){

$\_SESSION['success'] ='Student deleted successfully';

}

else{

$\_SESSION['error'] =$conn->error;

}

}

else{

$\_SESSION['error'] ='Select item to delete first';

}

header('location: student.php');

?>

<?php

include'includes/session.php';

if(isset($\_POST['edit'])){

$id=$\_POST['id'];

$firstname=$\_POST['firstname'];

$lastname=$\_POST['lastname'];

$course=$\_POST['course'];

$sql="UPDATE students SET firstname ='$firstname', lastname ='$lastname', course\_id ='$course'WHERE id ='$id'";

if($conn->query($sql)){

$\_SESSION['success'] ='Student updated successfully';

}

else{

$\_SESSION['error'] =$conn->error;

}

}

else{

$\_SESSION['error'] ='Fill up edit form first';

}

header('location:student.php');

?>

<?php

include'includes/session.php';

if(isset($\_POST['upload'])){

$id=$\_POST['id'];

$filename=$\_FILES['photo']['name'];

if(!empty($filename)){

move\_uploaded\_file($\_FILES['photo']['tmp\_name'], '../images/'.$filename);

}

$sql="UPDATE students SET photo ='$filename'WHERE id ='$id'";

if($conn->query($sql)){

$\_SESSION['success'] ='Student photo updated successfully';

}

else{

$\_SESSION['error'] =$conn->error;

}

}

else{

$\_SESSION['error'] ='Select student to update photo first';

}

header('location: student.php');

?>

<?php

include'includes/session.php';

if(isset($\_POST['id'])){

$id=$\_POST['id'];

$sql="SELECT\*, students.idAS studid FROM students LEFT JOIN course ONcourse.id=students.course\_idWHEREstudents.id='$id'";

$query=$conn->query($sql);

$row=$query->fetch\_assoc();

echojson\_encode($row);

}

<?php

$conn=newmysqli('localhost', 'root', '', 'libsystem');

if ($conn->connect\_error) {

die("Connection failed: ".$conn->connect\_error);

}

?>

<footer class="main-footer">

<div class="container">

<div class="pull-right hidden-xs">

<b>Open Admin Panel and Add/View user to know Login ID</b>

</div>

<strong>&copy; 2018 - Library Management System | Brought To You By <a href="https://code-projects.org/">Code-Projects</a></strong>

</div>

<!-- /.container -->

</footer>

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Library System using PHP</title>

<!-- Tell the browser to be responsive to screen width -->

<meta content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no" name="viewport">

<!-- Bootstrap 3.3.7 -->

<link rel="stylesheet" href="bower\_components/bootstrap/dist/css/bootstrap.min.css">

<!-- DataTables -->

<link rel="stylesheet" href="bower\_components/datatables.net-bs/css/dataTables.bootstrap.min.css">

<!-- Font Awesome -->

<link rel="stylesheet" href="bower\_components/font-awesome/css/font-awesome.min.css">

<!-- Theme style -->

<link rel="stylesheet" href="dist/css/AdminLTE.min.css">

<!-- AdminLTE Skins. Choose a skin from the css/skins

folder instead of downloading all of them to reduce the load. -->

<link rel="stylesheet" href="dist/css/skins/\_all-skins.min.css">

<!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media queries -->

<!-- WARNING: Respond.js doesn't work if you view the page via file:// -->

<!--[if lt IE 9]>

<script src="https://oss.maxcdn.com/html5shiv/3.7.3/html5shiv.min.js"></script>

<script src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script>

<![endif]-->

<!-- Google Font -->

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600,700,300italic,400italic,600italic">

<style>

.dataTables\_filter {

display: none;

}

</style>

</head>

<!-- Login -->

<div class="modal fade" id="login">

<div class="modal-dialog">

<div class="modal-content">

<div class="modal-header">

<button type="button" class="close" data-dismiss="modal" aria-label="Close">

<span aria-hidden="true">&times;</span></button>

<h4 class="modal-title"><b>Login</b></h4>

</div>

<div class="modal-body">

<form class="form-horizontal" method="POST" action="login.php">

<div class="form-group">

<label for="student" class="col-sm-3 control-label">Student ID</label>

<div class="col-sm-9">

<input type="text" class="form-control" id="student" name="student" required>

</div>

</div>

</div>

<div class="modal-footer">

<button type="button" class="btn btn-default btn-flat pull-left" data-dismiss="modal"><i class="fa fa-close"></i> Close</button>

<button type="submit" class="btn btn-primary btn-flat" name="login"><i class="fa fa-sign-in"></i> Login</button>

</form>

</div>

</div>

</div>

</div>

<header class="main-header">

<nav class="navbar navbar-static-top">

<div class="container">

<div class="navbar-header">

<a href="#" class="navbar-brand"><b>Library</b> System</a>

<button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#navbar-collapse">

<i class="fa fa-bars"></i>

</button>

</div>

<!-- Collect the nav links, forms, and other content for toggling -->

<div class="collapse navbar-collapse pull-left" id="navbar-collapse">

<ul class="nav navbar-nav">

<?php

if(isset($\_SESSION['student'])){

echo"

<li><a href='index.php'>HOME</a></li>

<li><a href='transaction.php'>TRANSACTION</a></li>

";

}

?>

</ul>

</div>

<!-- /.navbar-collapse -->

<!-- Navbar Right Menu -->

<div class="navbar-custom-menu">

<ul class="nav navbar-nav">

<?php

if(isset($\_SESSION['student'])){

$photo= (!empty($student['photo'])) ?'images/'.$student['photo'] :'images/profile.jpg';

echo"

<li class='user user-menu'>

<a href='#'>

<img src='".$photo."' class='user-image' alt='User Image'>

<span class='hidden-xs'>".$student['firstname'].' '.$student['lastname']."</span>

</a>

</li>

<li><a href='logout.php'><i class='fa fa-sign-out'></i> LOGOUT</a></li>

";

}

else{

echo"

<li><a href='#login' data-toggle='modal'><i class='fa fa-sign-in'></i> LOGIN</a></li>

<li><a href='admin/index.php' data-toggle='modal'><i class='fa fa-key'></i> ADMIN LOGIN</a></li>

";

}

?>

</ul>

</div>

<!-- /.navbar-custom-menu -->

</div>

<!-- /.container-fluid -->

</nav>

</header>

<?phpinclude'includes/login\_modal.php'; ?>

<!-- jQuery 3 -->

<script src="bower\_components/jquery/dist/jquery.min.js"></script>

<!-- Bootstrap 3.3.7 -->

<script src="bower\_components/bootstrap/dist/js/bootstrap.min.js"></script>

<!-- DataTables -->

<script src="bower\_components/datatables.net/js/jquery.dataTables.min.js"></script>

<script src="bower\_components/datatables.net-bs/js/dataTables.bootstrap.min.js"></script>

<!-- SlimScroll -->

<script src="bower\_components/jquery-slimscroll/jquery.slimscroll.min.js"></script>

<!-- FastClick -->

<script src="bower\_components/fastclick/lib/fastclick.js"></script>

<!-- AdminLTE App -->

<script src="dist/js/adminlte.min.js"></script>

<!-- Data Table Initialize -->

<script>

$(function () {

$('#example1').DataTable()

varbookTable=$('#booklist').DataTable({

'paging' : true,

'lengthChange': false,

'searching' : true,

'ordering' : true,

'info' : false,

'autoWidth' : false

})

$('#searchBox').on('keyup', function(){

bookTable.search(this.value).draw();

});

})

</script>

<?php

include'includes/conn.php';

session\_start();

if(isset($\_SESSION['student'])){

$sql="SELECT\*FROM students WHERE id ='".$\_SESSION['student']."'";

$query=$conn->query($sql);

$student=$query->fetch\_assoc();

}

?>

username = codeprojects

password = password.

<?php

include'includes/session.php';

if(isset($\_POST['delete'])){

$id=$\_POST['id'];

$sql="DELETEFROM books WHERE id ='$id'";

if($conn->query($sql)){

$\_SESSION['success'] ='Book deleted successfully';

}

else{

$\_SESSION['error'] =$conn->error;

}

}

else{

$\_SESSION['error'] ='Select item to delete first';

}

header('location: book.php');

?>

<?php

include'includes/session.php';

if(isset($\_POST['edit'])){

$id=$\_POST['id'];

$isbn=$\_POST['isbn'];

$title=$\_POST['title'];

$category=$\_POST['category'];

$author=$\_POST['author'];

$publisher=$\_POST['publisher'];

$pub\_date=$\_POST['pub\_date'];

$sql="UPDATE books SET isbn ='$isbn', title ='$title', category\_id ='$category', author ='$author', publisher ='$publisher', publish\_date ='$pub\_date'WHERE id ='$id'";

if($conn->query($sql)){

$\_SESSION['success'] ='Book updated successfully';

}

else{

$\_SESSION['error'] =$conn->error;

}

}

else{

$\_SESSION['error'] ='Fill up edit form first';

}

header('location:book.php');

?>

<?php

include'includes/session.php';

if(isset($\_POST['id'])){

$id=$\_POST['id'];

$sql="SELECT\*, books.idAS bookid FROM books LEFT JOIN category ONcategory.id=books.category\_idWHEREbooks.id='$id'";

$query=$conn->query($sql);

$row=$query->fetch\_assoc();

echojson\_encode($row);

}

?>

<?phpinclude'includes/session.php'; ?>

<?phpinclude'includes/header.php'; ?>

<body class="hold-transition skin-blue sidebar-mini">

<div class="wrapper">

<?phpinclude'includes/navbar.php'; ?>

<?phpinclude'includes/menubar.php'; ?>

<!-- Content Wrapper. Contains page content -->

<div class="content-wrapper">

<!-- Content Header (Page header) -->

<section class="content-header">

<h1>

Borrow Books

</h1>

<ol class="breadcrumb">

<li><a href="#"><i class="fa fa-dashboard"></i> Home</a></li>

<li>Transaction</li>

<li class="active">Borrow</li>

</ol>

</section>

<!-- Main content -->

<section class="content">

<?php

if(isset($\_SESSION['error'])){

?>

<div class="alert alert-danger alert-dismissible">

<button type="button" class="close" data-dismiss="alert" aria-hidden="true">&times;</button>

<h4><i class="icon fa fa-warning"></i> Error!</h4>

<ul>

<?php

foreach($\_SESSION['error'] as$error){

echo"

<li>".$error."</li>

";

}

?>

</ul>

</div>

<?php

unset($\_SESSION['error']);

}

if(isset($\_SESSION['success'])){

echo"

<div class='alert alert-success alert-dismissible'>

<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>

<h4><i class='icon fa fa-check'></i> Success!</h4>

".$\_SESSION['success']."

</div>

";

unset($\_SESSION['success']);

}

?>

<div class="row">

<div class="col-xs-12">

<div class="box">

<div class="box-header with-border">

<a href="#addnew" data-toggle="modal" class="btn btn-primary btn-sm btn-flat"><i class="fa fa-plus"></i> Borrow</a>

</div>

<div class="box-body">

<table id="example1" class="table table-bordered">

<thead>

<th class="hidden"></th>

<th>Date</th>

<th>Student ID</th>

<th>Name</th>

<th>ISBN</th>

<th>Title</th>

<th>Status</th>

</thead>

<tbody>

<?php

$sql="SELECT\*, students.student\_idAS stud, borrow.statusAS barstat FROM borrow LEFT JOIN students ONstudents.id=borrow.student\_idLEFT JOIN books ONbooks.id=borrow.book\_idORDER BY date\_borrow DESC";

$query=$conn->query($sql);

while($row=$query->fetch\_assoc()){

if($row['barstat']){

$status='<span class="label label-success">returned</span>';

}

else{

$status='<span class="label label-danger">not returned</span>';

}

echo"

<tr>

<td class='hidden'></td>

<td>".date('M d, Y', strtotime($row['date\_borrow']))."</td>

<td>".$row['stud']."</td>

<td>".$row['firstname'].' '.$row['lastname']."</td>

<td>".$row['isbn']."</td>

<td>".$row['title']."</td>

<td>".$status."</td>

</tr>

";

}

?>

</tbody>

</table>

</div>

</div>

</div>

</div>

</section>

</div>

<?phpinclude'includes/footer.php'; ?>

<?phpinclude'includes/borrow\_modal.php'; ?>

</div>

<?phpinclude'includes/scripts.php'; ?>

<script>

$(function(){

$(document).on('click', '#append', function(e){

e.preventDefault();

$('#append-div').append(

'<div class="form-group"><label for="" class="col-sm-3 control-label">ISBN</label><div class="col-sm-9"><input type="text" class="form-control" name="isbn[]"></div></div>'

);

});

});

</script>

</body>

</html>

<?php

include'includes/session.php';

if(isset($\_POST['add'])){

$student=$\_POST['student'];

$sql="SELECT\*FROM students WHERE student\_id ='$student'";

$query=$conn->query($sql);

if($query->num\_rows<1){

if(!isset($\_SESSION['error'])){

$\_SESSION['error'] =array();

}

$\_SESSION['error'][] ='Student not found';

}

else{

$row=$query->fetch\_assoc();

$student\_id=$row['id'];

$added=0;

foreach($\_POST['isbn'] as$isbn){

if(!empty($isbn)){

$sql="SELECT\*FROM books WHERE isbn ='$isbn'ANDstatus!=1";

$query=$conn->query($sql);

if($query->num\_rows>0){

$brow=$query->fetch\_assoc();

$bid=$brow['id'];

$sql="INSERTINTO borrow (student\_id, book\_id, date\_borrow) VALUES ('$student\_id', '$bid', NOW())";

if($conn->query($sql)){

$added++;

$sql="UPDATE books SETstatus=1WHERE id ='$bid'";

$conn->query($sql);

}

else{

if(!isset($\_SESSION['error'])){

$\_SESSION['error'] =array();

}

$\_SESSION['error'][] =$conn->error;

}

}

else{

if(!isset($\_SESSION['error'])){

$\_SESSION['error'] =array();

}

$\_SESSION['error'][] ='Book with ISBN - '.$isbn.' unavailable';

}

}

}

if($added>0){

$book= ($added==1) ?'Book':'Books';

$\_SESSION['success'] =$added.' '.$book.' successfully borrowed';

}

}

}

else{

$\_SESSION['error'] ='Fill up add form first';

}

header('location: borrow.php');

?>

<?phpinclude'includes/session.php'; ?>

<?phpinclude'includes/header.php'; ?>

<body class="hold-transition skin-blue sidebar-mini">

<div class="wrapper">

<?phpinclude'includes/navbar.php'; ?>

<?phpinclude'includes/menubar.php'; ?>

<!-- Content Wrapper. Contains page content -->

<div class="content-wrapper">

<!-- Content Header (Page header) -->

<section class="content-header">

<h1>

Category

</h1>

<ol class="breadcrumb">

<li><a href="#"><i class="fa fa-dashboard"></i> Home</a></li>

<li>Books</li>

<li class="active">Category</li>

</ol>

</section>

<!-- Main content -->

<section class="content">

<?php

if(isset($\_SESSION['error'])){

echo"

<div class='alert alert-danger alert-dismissible'>

<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>

<h4><i class='icon fa fa-warning'></i> Error!</h4>

".$\_SESSION['error']."

</div>

";

unset($\_SESSION['error']);

}

if(isset($\_SESSION['success'])){

echo"

<div class='alert alert-success alert-dismissible'>

<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>

<h4><i class='icon fa fa-check'></i> Success!</h4>

".$\_SESSION['success']."

</div>

";

unset($\_SESSION['success']);

}

?>

<div class="row">

<div class="col-xs-12">

<div class="box">

<div class="box-header with-border">

<a href="#addnew" data-toggle="modal" class="btn btn-primary btn-sm btn-flat"><i class="fa fa-plus"></i> New</a>

</div>

<div class="box-body">

<table id="example1" class="table table-bordered">

<thead>

<th>Category</th>

<th>Tools</th>

</thead>

<tbody>

<?php

$sql="SELECT\*FROM category";

$query=$conn->query($sql);

while($row=$query->fetch\_assoc()){

echo"

<tr>

<td>".$row['name']."</td>

<td>

<button class='btn btn-success btn-sm edit btn-flat' data-id='".$row['id']."'><i class='fa fa-edit'></i> Edit</button>

<button class='btn btn-danger btn-sm delete btn-flat' data-id='".$row['id']."'><i class='fa fa-trash'></i> Delete</button>

</td>

</tr>

";

}

?>

</tbody>

</table>

</div>

</div>

</div>

</div>

</section>

</div>

<?phpinclude'includes/footer.php'; ?>

<?phpinclude'includes/category\_modal.php'; ?>

</div>

<?phpinclude'includes/scripts.php'; ?>

<script>

$(function(){

$(document).on('click', '.edit', function(e){

e.preventDefault();

$('#edit').modal('show');

varid=$(this).data('id');

getRow(id);

});

$(document).on('click', '.delete', function(e){

e.preventDefault();

$('#delete').modal('show');

varid=$(this).data('id');

getRow(id);

});

});

functiongetRow(id){

$.ajax({

type: 'POST',

url: 'category\_row.php',

data: {id:id},

dataType: 'json',

success: function(response){

$('.catid').val(response.id);

$('#edit\_name').val(response.name);

$('#del\_cat').html(response.name);

}

});

}

</script>

</body>

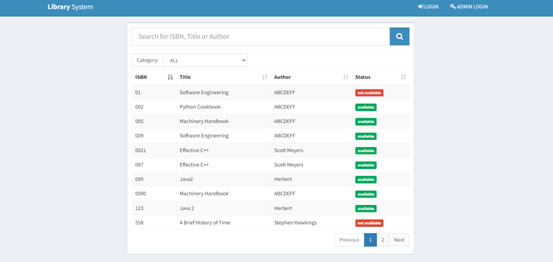
</html>

**CHAPTER 5**

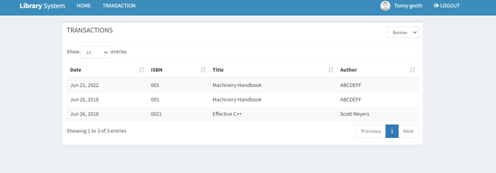
**SCREENSHOTS**

****

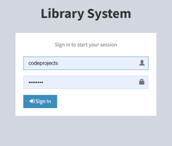
**Fig 5.1: Login Page**

****

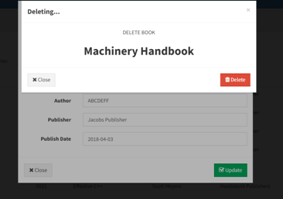
**Fig 5.2 : Option page**



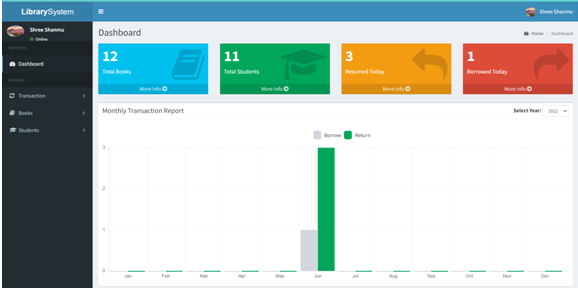
**Fig 5.3: Librarian Detail view -Options**



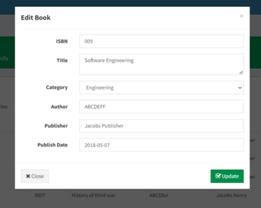
**Fig 5.4 : Admin login**



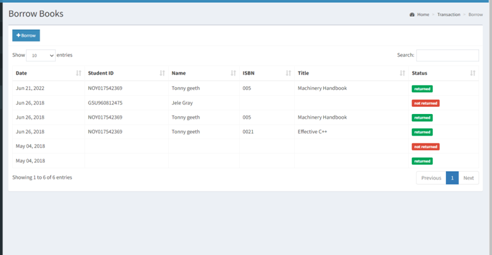
**Fig 5.5 : Deleting Librarian**



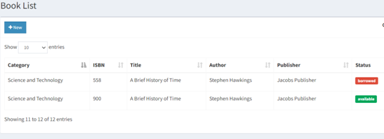
**Fig 5.6 : Dashboard**



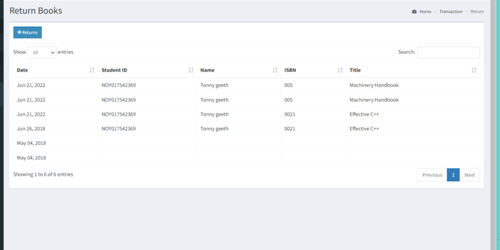
**Fig 5.7 : Book Editing Options**



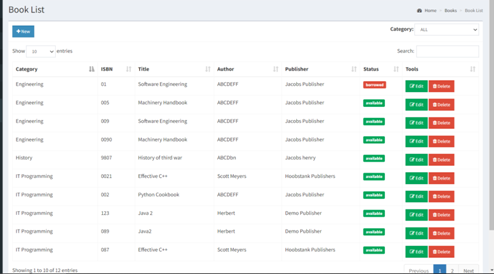
**Fig 5.8 : Borrow Books**

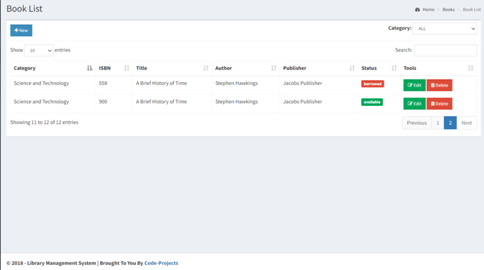


**Fig 5.9 Adding Books**

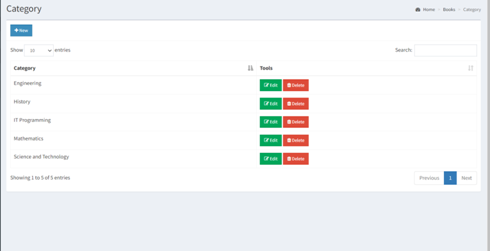


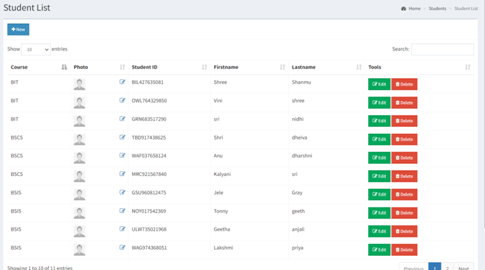
**Fig 5.10 : Return Book Options**





**Fig 5.11: Viewing Book lists**





**Fig 5.12 : Category & Student list**

**CHAPTER 6**

**CONCLUSION AND FUTURE WORK**

**CONCLUSION:**

* The library management system has been computed successfully and was also tested successfully by “taking test cases “.It is user friendly and has required options ,which can be utilized by the user to perform the desired operations.
* The software is developed using php as frontend and mysql as backend in windows environment.The goals that are achieved by the software are:
* Optimum utilization of resouces.
* Efficient management of records.
* Simplification of operations.
* Less processing time end getting required information.
* User friendly.

**FUTURE WORK:**

Primarily, when we request information about a particular book it just shows the publisher, book id, book name and no. of quantities available. So, after getting the information we can get access to the publisher company website just by a click on the publisher name .The next enhancement that we can add the security by restricting one librarian to delete the or modify the other librarian’s information. These are the two enhancements that we could think of at present.

**CHAPTER 7**

**REFERENCES**

**BOOKS:**

* **Programming with sql:Primer** by Balagurusamy E.
* [**The Complete Reference, Ninth Edition**](http://books.google.co.in/books?dq=java+the+complete+reference&ei=xePSU7bTKcSTuASW8oKAAw&hl=en&id=fY-bAgAAQBAJ&q=java+the+complete+reference&sa=X&ved=0CCAQ6AEwAQ) by Herbert Schildt.

**WEBSITES:**

* [www.geeksforgeeks.com](http://www.geeksforgeeks.com)c
* [www.prohramiz.com](http://www.prohramiz.com)
* www.beginnersbook.com