LIBRARY MANAGEMENT SYSTEM

A site for official Book Store

PROJECT REPORT

Submitted to the University of North Bengal, in partial fulfillment of the requirements for the Degree:

BACHELOR IN COMPUTER APPLICATION

SALESIAN COLLEGE, SILIGURI CAMPUS

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CERTIFICATE

Certified that this is a bonafide record of the project work entitled "**LIBRARY MANAGEMENT SYSTEM**" Done by the following Students:

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Of the VIth semester, Bachelor of Computer Application, 2019, in partial fulfillment of the requirement to the award of Degree - Bachelor of Computer Application - under University of North Bengal.

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Mr. Abhijit Dey
(Project Guide)

Acknowledgments

In completing this project we have been fortunate to have help, support and encouragement from many people. We would like to acknowledge them for their cooperation.

First, we would like to thank sir Abhijit Dey Sir, our project advisor, for guiding us through each and every step of the process with knowledge and support. Thank you so much for your advice, guidance and assistance!

We would also like to thank Mr. Dhirodatta Subba, Head of department, Computer Science & Applications, who showed immense patience and understanding throughout the project and provided suggestions.

Finally, we would like to dedicate this project to our Friends and parents, for their love, encouragement and help throughout the project.

Abstract

The Library Management System is the most valuable site to be used by the students. The primary goal of this site is to view all the available books directly on the website so that the students facing major problems in getting those books can see by their own and issue them manually once they see those books in their own library online.

This project deals with developing an online website of a library of their institution. It provides the user with list of different books available for reference by their library. In order to facilitate online searching of books is provided to the students. The system is implemented using a 3-tier approach, with a backend database, a middle tier of XAMPP application using Apache server and PHP, and a web browser as the front end client.

In order to develop a Library Management website, a number of technologies must be studied and understood. These include multi-tiered architecture, server and client side scripting techniques, implementation technologies such as PHP, programming language relational databases (such as MySQL).

This is a project with the objective to develop a basic website where a student is provided with a list of the library books and also to know about the technologies used to develop such an application.

This document presents the final report of the project undertaken using above mentioned technologies to create and implement an online book store.

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  - change_password.php
  - index.php
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CHAPTER 1

INTRODUCTION

1.1. SYNOPSIS:

Online Library Management System

Introduction:-

I. Purpose:

The purposes of this application are as follows:

- The software is for the students those are willing to get library books for their reference.
- It provides following facilities to:

Admin:

- Can enter details related to a particular book.
- Can provide membership to students.
- Can read and write information about any students.
- Can update, create and delete the record of student's membership as per requirements.
- Can update, create and delete the record of the books present in the library website as per requirement and availabilities.

Students:

- They can register themselves and login themselves in the library from the student login page.
- They can neither edit any information nor can they change any rules and regulations of the website.

II. Scope:

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 by the librarian themselves.

III. Technology Used:

Front End: HTML, CSS, Bootstrap.

Middle tier: XAMPP application using Apache server.

Back End: PHP, My SQL.

IV. Assumptions:

• This application is used to convert from manual visit to the library to search the book to the online library.

• Customized data will be used in this application.

• User does not have right to enter information about books or change anything.

V. Overview:

Project is related to library management which provides reading services to students. Any person can become a member of the library by signing in.

They can get the book issued manually, they can only see as to which book are there in the library, they cannot issue or hold the book there in the website.

VI. Functionality:

• Online membership.

• Keeps the track of issues and submission of books.

1.2. PROJECT OVERVIEW:

Library management system supports the interaction between different books in a library and the student that is searching books via the website. The main motive is to make the student feel comfortable sitting is one place and checking the availability of the books in the library.

A good website should present the following factors to the student for their precious time:

- Knowing what kinds of books are available in there library via website so that they do not need to visit library for searching those books.
- Proper login functions with unique username.
- Easy searching and knowing different books in the list.
- Various different categories of good qualities of books.
- Simple navigation from home page to the Student Login page.
- Minimal and effective security notifications or messages.
- Change of books and their information about being in the library or not being in the library.

For our final semester project, we narrowed down on online book store (Library). It is a virtual store on the Internet where customers can browse the list and select books of interest. The books chosen may be collected from the library itself. At checkout time, the items in the shopping cart will be presented as an order. At that time, more information will be needed to complete the transaction. The customer will be asked also to fill shipping /billing address.

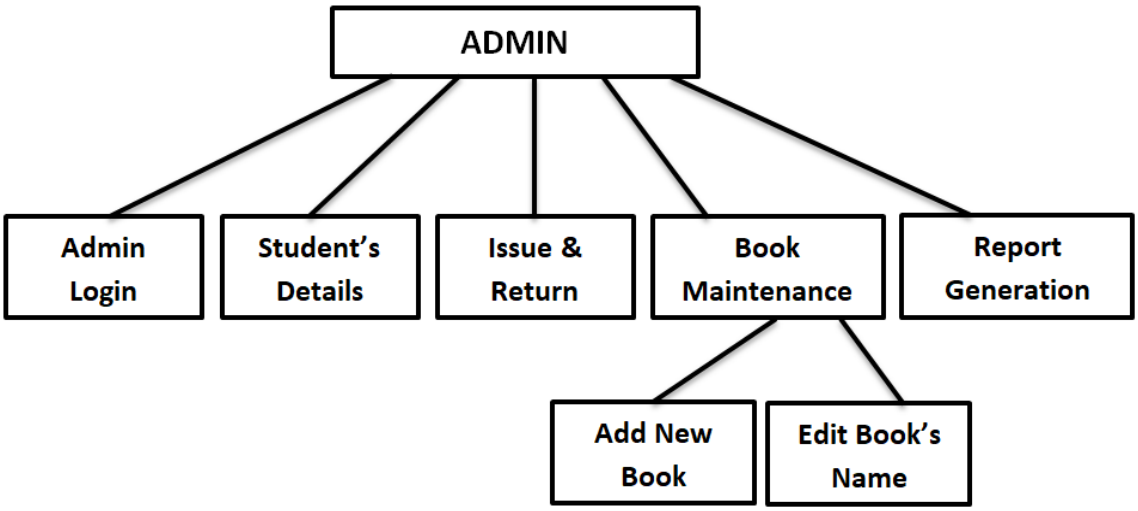
1.3. PROJECT AIMS AND OBJECTIVES:

The aims and objectives are as follows:

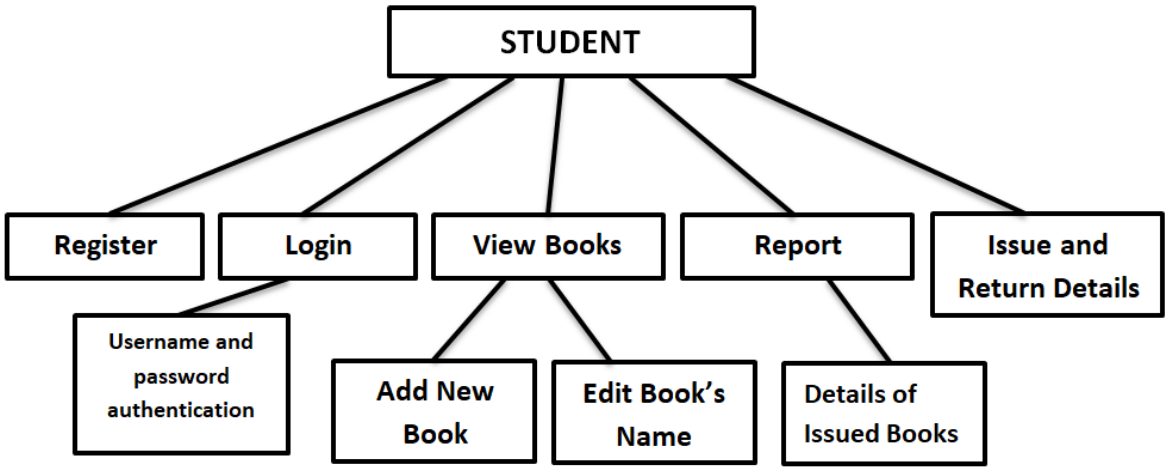
- Online visit of all the books of a library.
- Improvement in control and performance.
- Request page for librarian for providing new books name along with the time and date of the updated name.
- The system is developed to cope up with the current issues and problems of library.
- The Librarian can add user, validate user.
- Librarian is able to update record of students and books if necessary for any changes or addition.
- Student login page where student can find different books in the library.
- If the books are available than they can issued the book by directly going to the library and the date of issue and date for return will be displayed in the student login page.
- After this system is implemented less gathering of the students will be there in search of books rather they will directly visit the website see the books availability and then directly visit the library and ask for it.
- Different categories of book present like for Arts- History, Geography, Science- Computer Applications, Physics, and other categories where they can directly find the books along with its authors, etc.

1.4. Module Description:

Admin Module

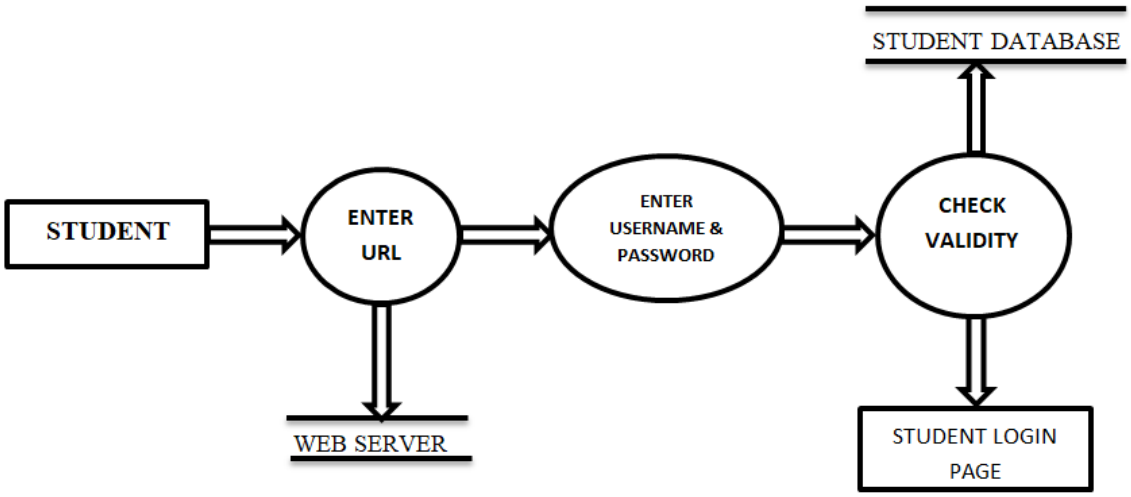


Student Module

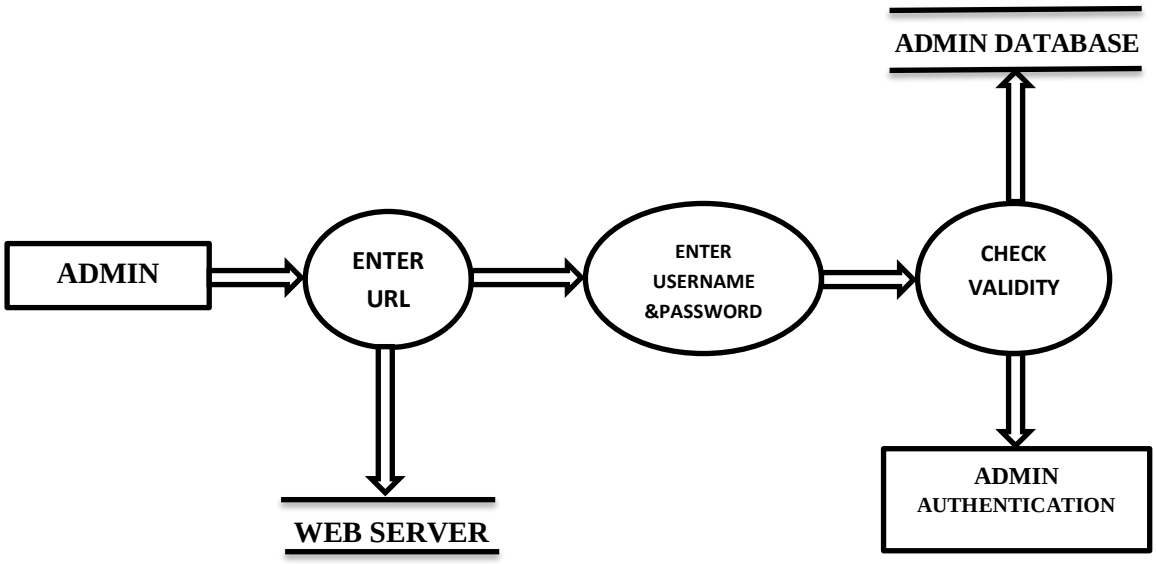


1.5. Data Flow Diagram of Library Management System Project

DATA FLOW DIAGRAM FOR STUDENT LOGIN



DATA FLOW DIAGRAM FOR ADMIN LOGIN



CHAPTER 2

SYSTEM ANALYSIS

2.1. SOFTWARE REQUIREMENT SPECIFICATION

FUNCTIONAL REQUIREMENT

Functional requirements define the fundamental actions that system must perform.

The functional requirements for the system are divided into two main categories: normal user features, admin user features.

Normal user features:

- Provide portal for library.
- Show available books by category in the website.
- Allow students to see the book and to know which books are available.
- They can only see the book but cannot issue.
- After issuing the book manually from the library the students can see the issue and the return dates in the front page of the login page.

Admin user features:

- Login
- View and edit the book's database.
- View the students those have registered themselves.
- Logout

NONFUNCTIONAL REQUIREMENTS

Non-functional requirements define the needs in terms of performance, logical database requirements, design constraints, standards compliance, reliability, availability, security, maintainability, and portability.

Design Constraints

The Online Book Store shall be a web-based system with any browser as an interface. The system shall be developed using PHP Pages and MySQL database.

Standards Compliance

There shall be consistency in variable names within the system. The graphical user interface shall have a consistent look and feel.

Reliability

It should be reliable in terms of providing correct information and computation.

Availability

The web site shall be available at any hours of time.

Maintainability

The Online Book Store is to be developed in PHP technology and using it which should be easy to maintain.

2.2. PROPOSED SYSTEM

The proposed system is to be developed using open source technology so the cost incurred is minimum and java technology being cros platform, advantages are numerous.

Advantages:

- Online browser based
- Availability
- Low cost of investment
- Portability
- Maintainability
- Proven technology

2.3. HARDWARE CONFIGURATION

The section of hardware configuration is an important task related to the software development. Insufficient RAM may affect adversely on the speed and efficiency of the entire system. The process should be powerful to handle the entire operations. The hard disk should have sufficient capacity to store the file and application.

- Processor: Intel i5 Core (or higher for Web and/or Database Servers; for client/ browser, any)
- Processor speed: 3.8 GHz (or higher for Web and/or Database Servers; for client lesser will also be fine)
- RAM: 8GB (or higher for Web and/or Database Servers; for client/ browser at least 1 GB)
- Network card: Any LAN/WIFI card.
- Network connection: UTP or Coaxial cable connection
- Monitor: Generic PnP Monitor

2.4. MODULES

The end users of the proposed system are:

Administrator module:

In administrator module administrator (Librarian) manages the student's data and other details. It requires authentication like admin need to sign in first using username and password.

Customer Module:

Students can pick and choose books from various list been updated in the website and manually issue them. They cannot modify any changes in the website besides only seeing the books present. Here authentication is again required, student needs to register and have their own unique username and a password.

2.2. IMPLEMENTATIONTECHNOLOGIES

While there are numerous technologies for building web applications that serve dynamic content, we have chosen the Personal Home Pages (PHP). PHP is an HTML-embedded, server side scripting language designed for web development. It is also used as a general purpose programming language.

We have chosen to make use of the following:

- Static HTML components.
- PHP.
- Cascading style sheets.
- Atom Editor.
- XAMPP.
- Bootstrap.

CHAPTER 3

SYSTEM DESIGN

3.1 PROCESS MODEL

A Process Model tells us about how the data is processed and how the data flows from one table to another to gather the required information. This model consists of the Functional Decomposition Diagram and Data Flow Diagram.

3.1.1 Functional Decomposition Diagram

A decomposition diagram shows a top-down functional decomposition of a system and exposes the system's structure. The objective of the Functional Decomposition is to break down a system step by step, beginning with the main function of a system and continuing with the interim levels down to the level of elementary functions. The diagram is the starting point for more detailed process diagrams, such as data flow diagrams (DFD). Following figure shows the Functional Decomposition Diagram for this project.

3.1.2 Data Flow Diagram (DFD)

Data Flow Diagrams show the flow of data from external entities into the system, and from one process to another within the system. There are four symbols for drawing a DFD:

1. Rectangles representing external entities, which are sources or destinations of data.

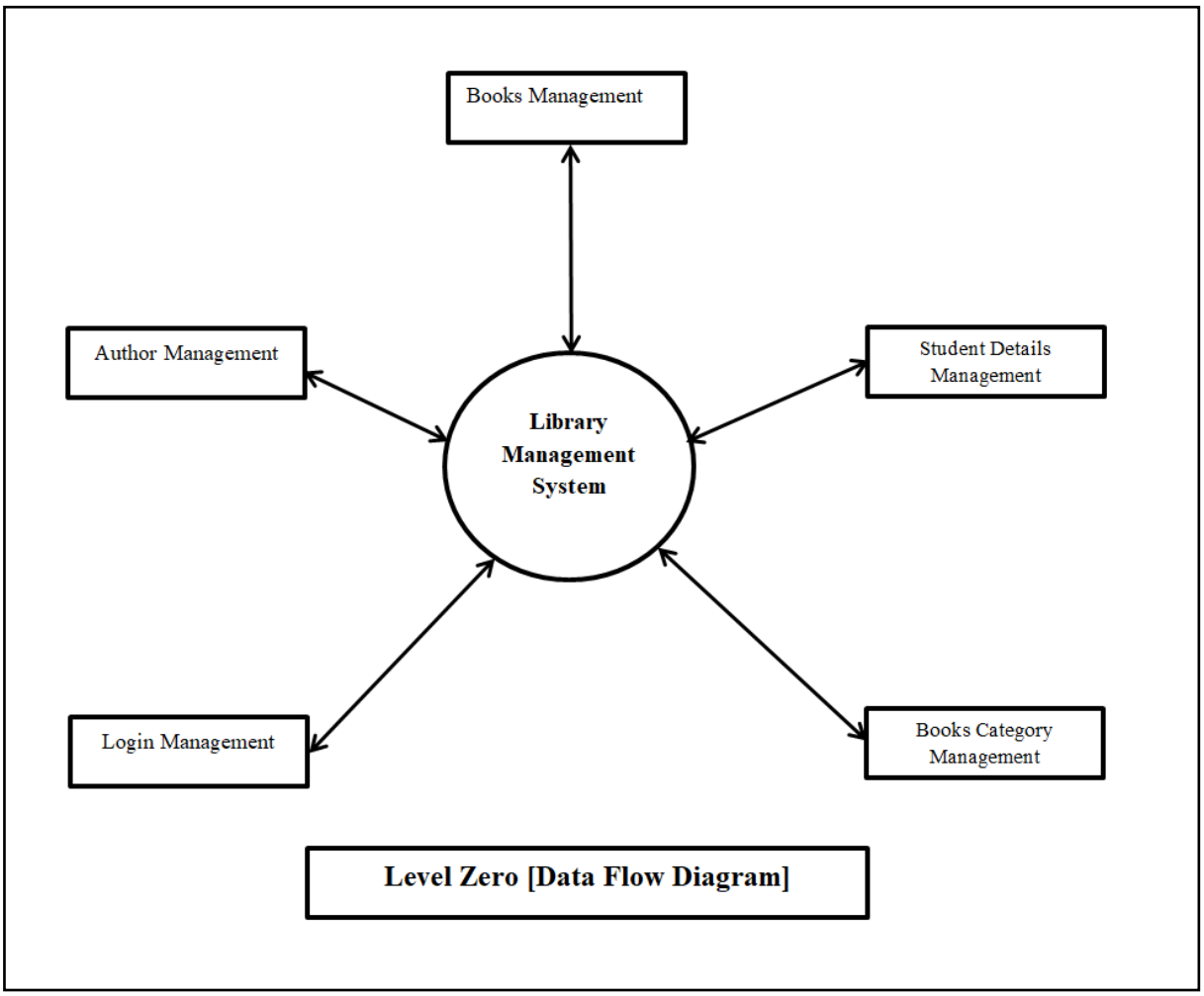
2. Ellipses representing processes, which take data as input, validate and process it and output it.

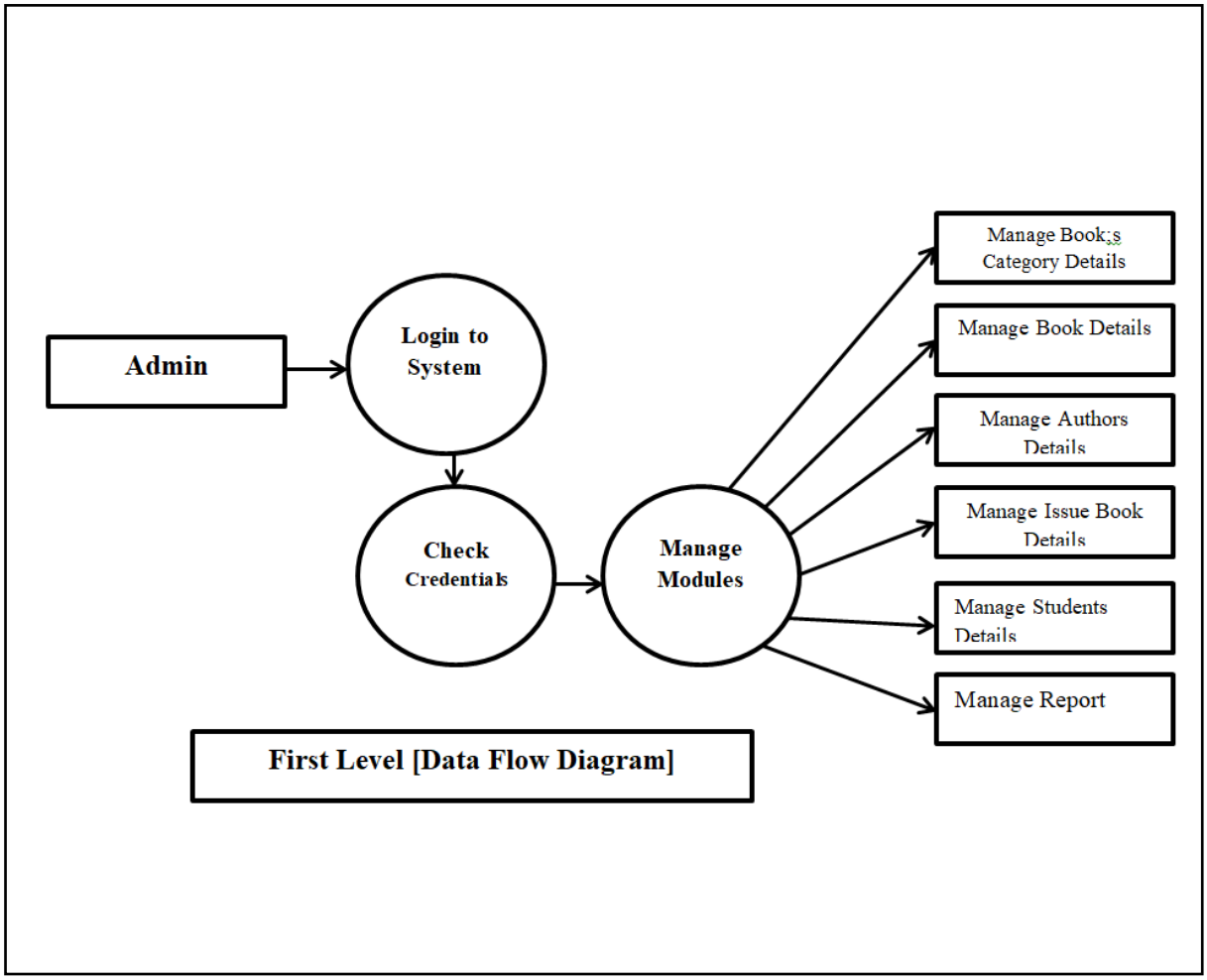
3. Arrows representing the data flows, which can either, be electronic data or physical items.

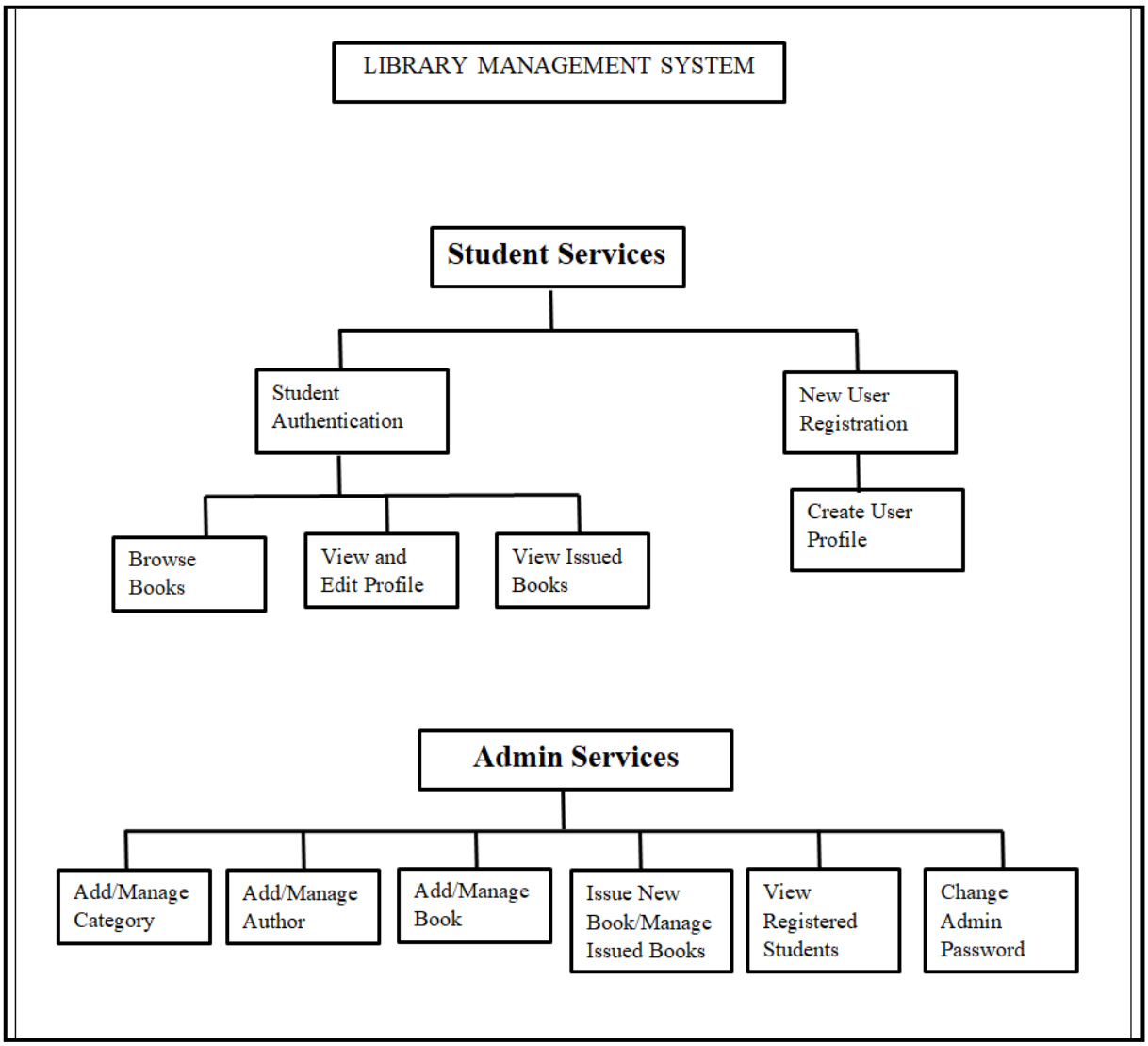
4. Open-ended rectangles or a Disk symbol representing data stores, including electronic stores such as databases or XML files and physical stores such as filing cabinets or stacks of paper.

Figures below are the Data Flow Diagrams for the current system. Each process within the system is first shown as a Context Level DFD and later as a Detailed DFD. The Context Level DFD provides a conceptual view of the process and its surrounding input, output and data stores. The Detailed DFD provides a more detailed and comprehensive view of the interaction among the sub-processes within the system.

DATA FLOW DIAGRAM:




Admin
Login to System
Check Credentials
Manage Modules
Manage Book;s Category Details
Manage Book Details
Manage Authors Details
Manage Issue Book Details
Manage Students Details
Manage Report
First Level [Data Flow Diagram]


LIBRARY MANAGEMENT SYSTEM
Student Services
Student Authentication
New User Registration
Browse Books
View and Edit Profile
View Issued Books
Create User Profile
Admin Services
Add/Manage Category
Add/Manage Author
Add/Manage Book
Issue New Book/Manage Issued Books
View Registered Students
Change Admin Password

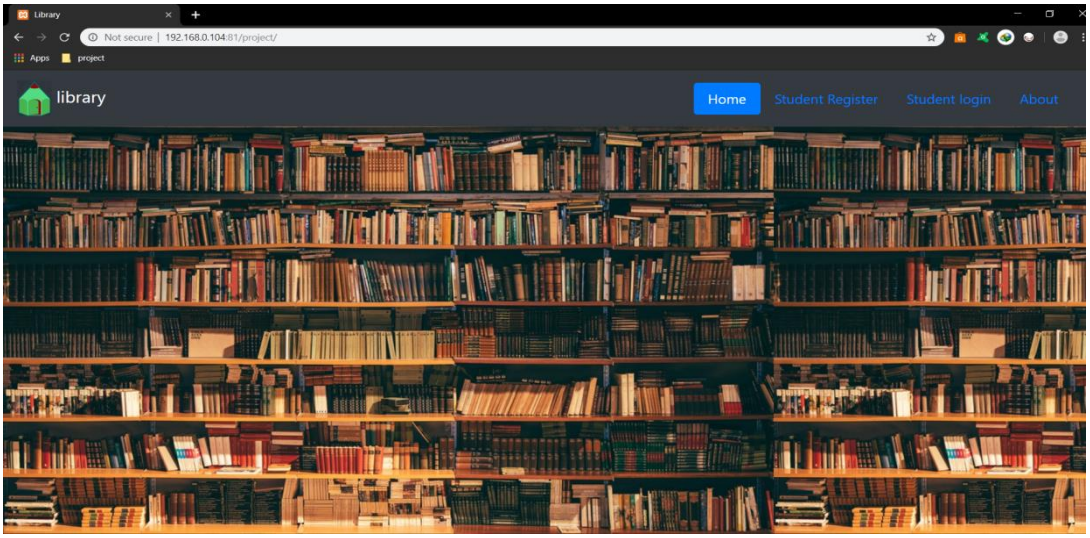
FLOW CHART:

CHAPTER 4

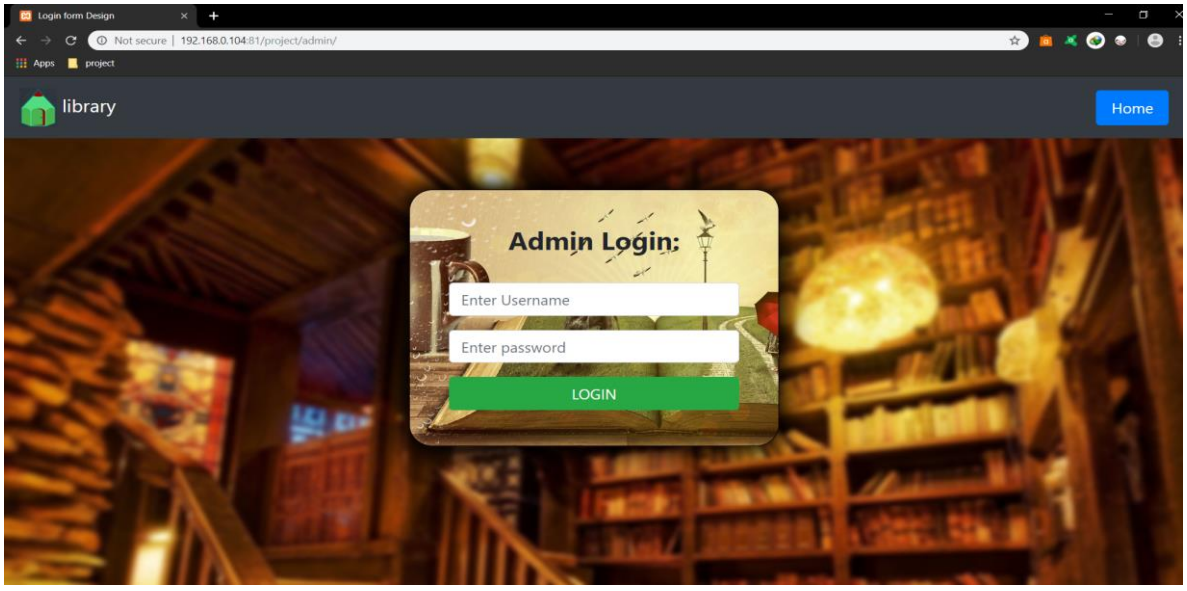
USER INTERFACE

The user interface design will closely follow requirement specification.

4.1 Home page:

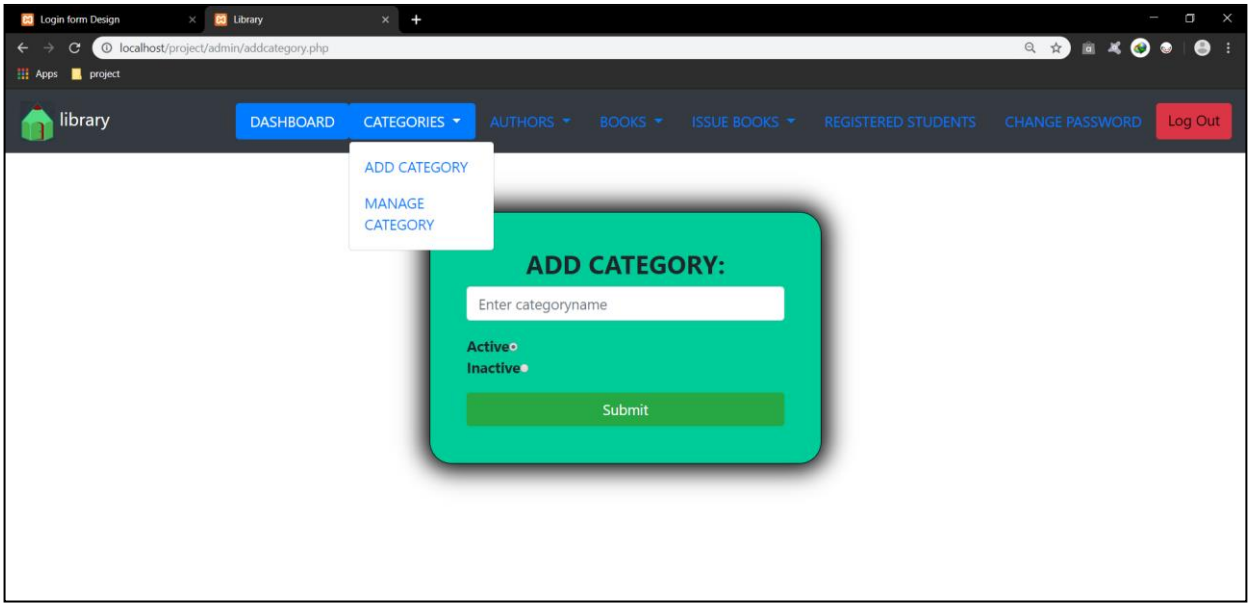


4.2 Admin login:

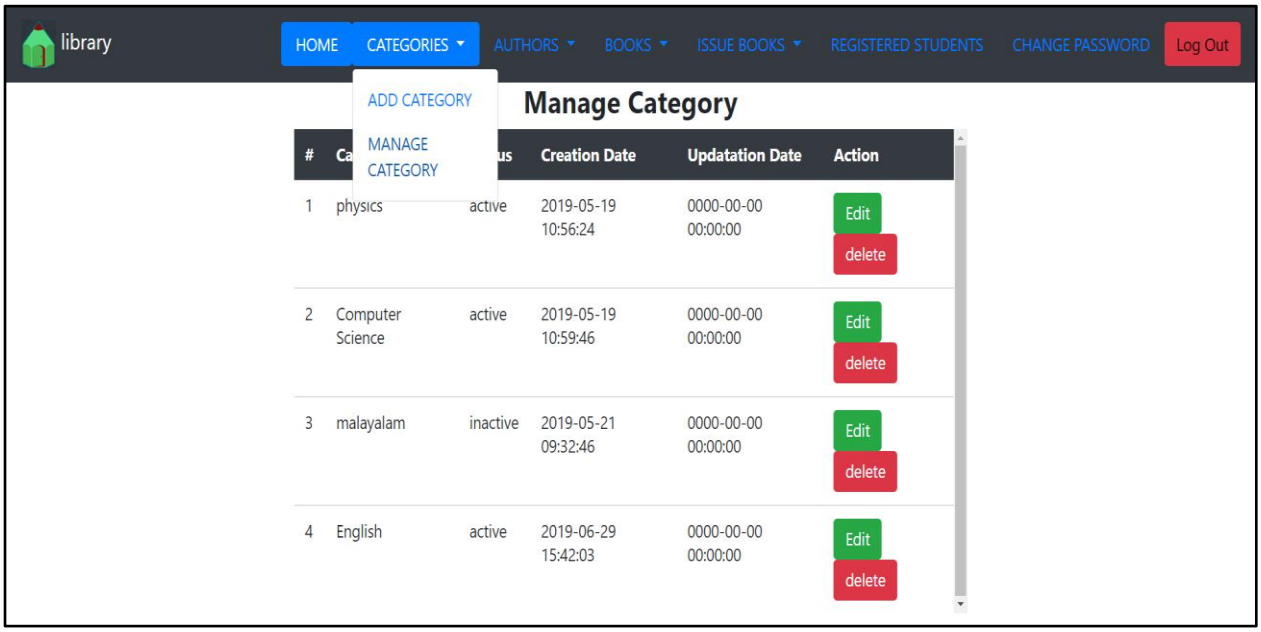


- **Admin**

Add Book Category:

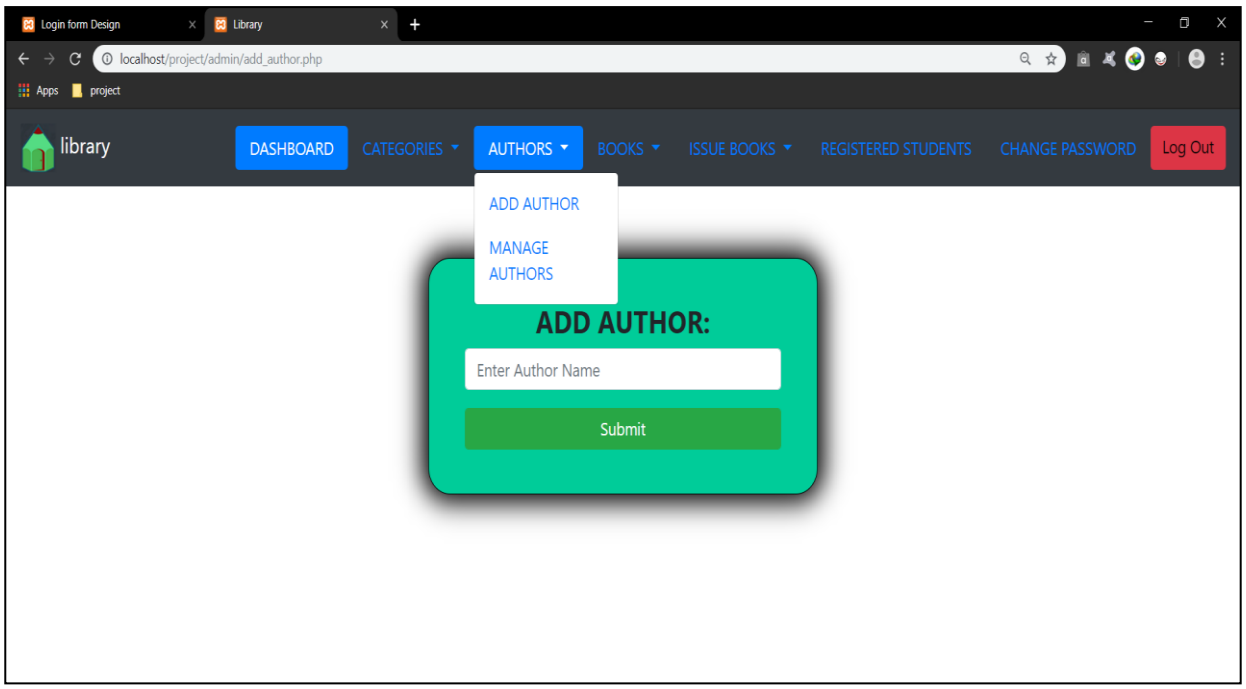


Manage Book Category:

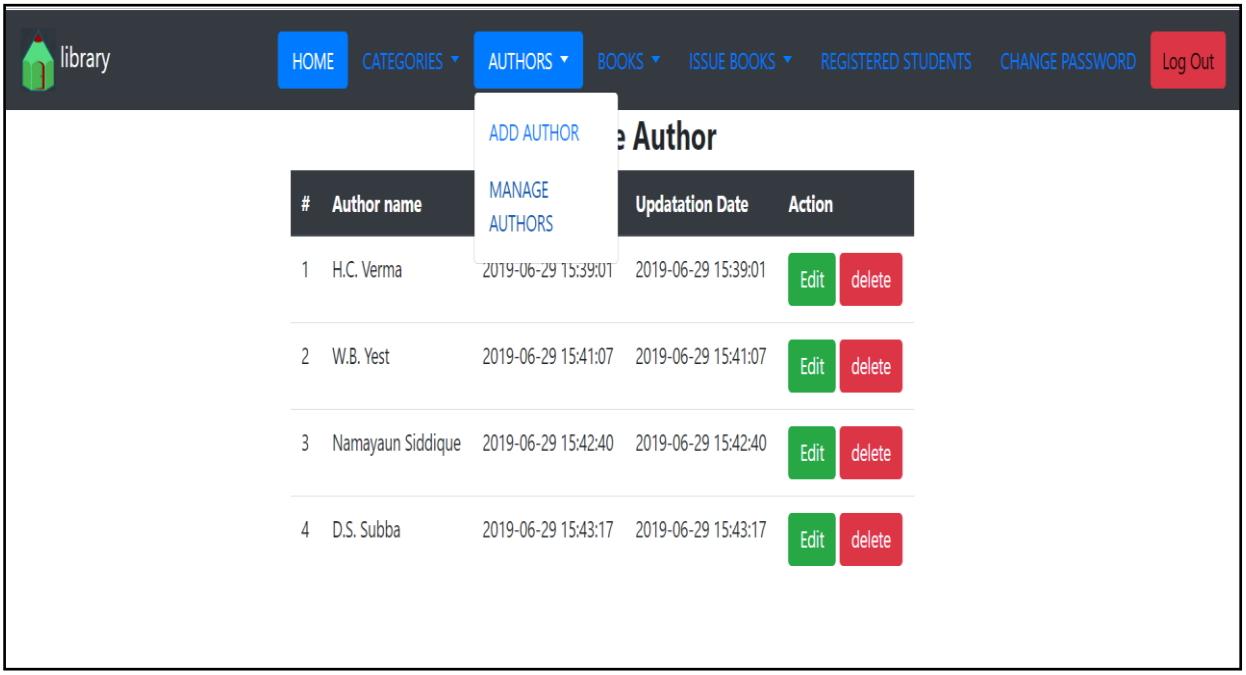


- **Admin**

Add Book Author:

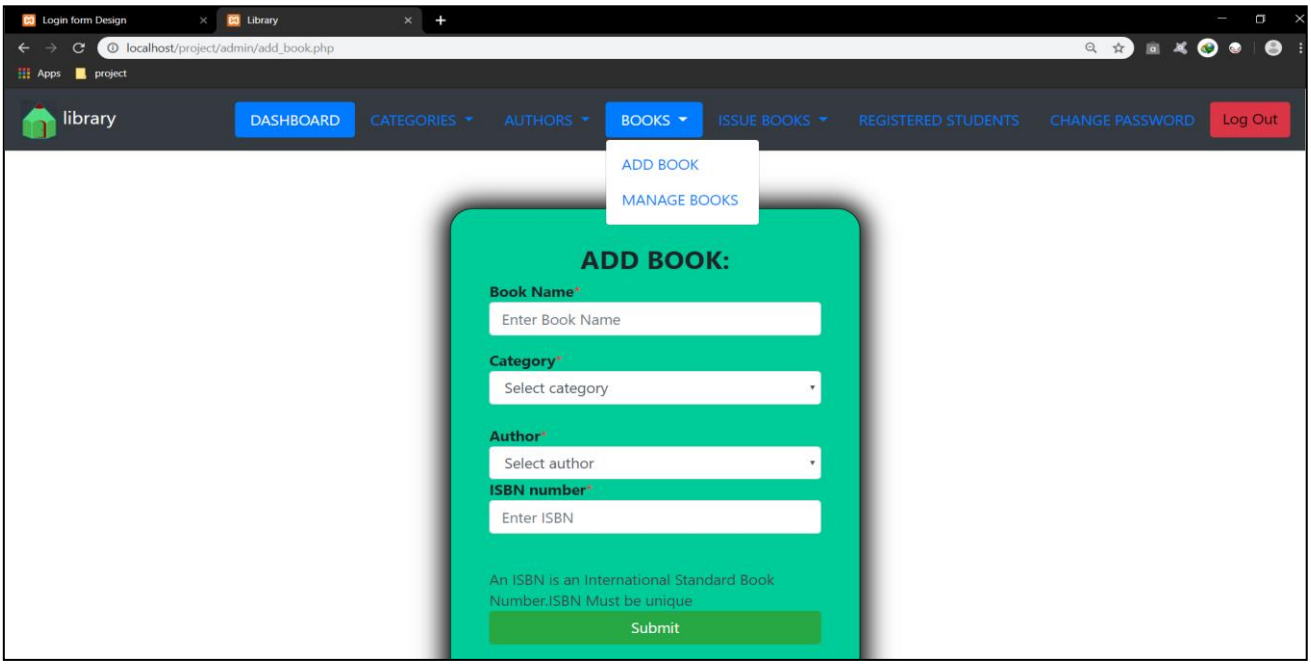


Manage Book Author:

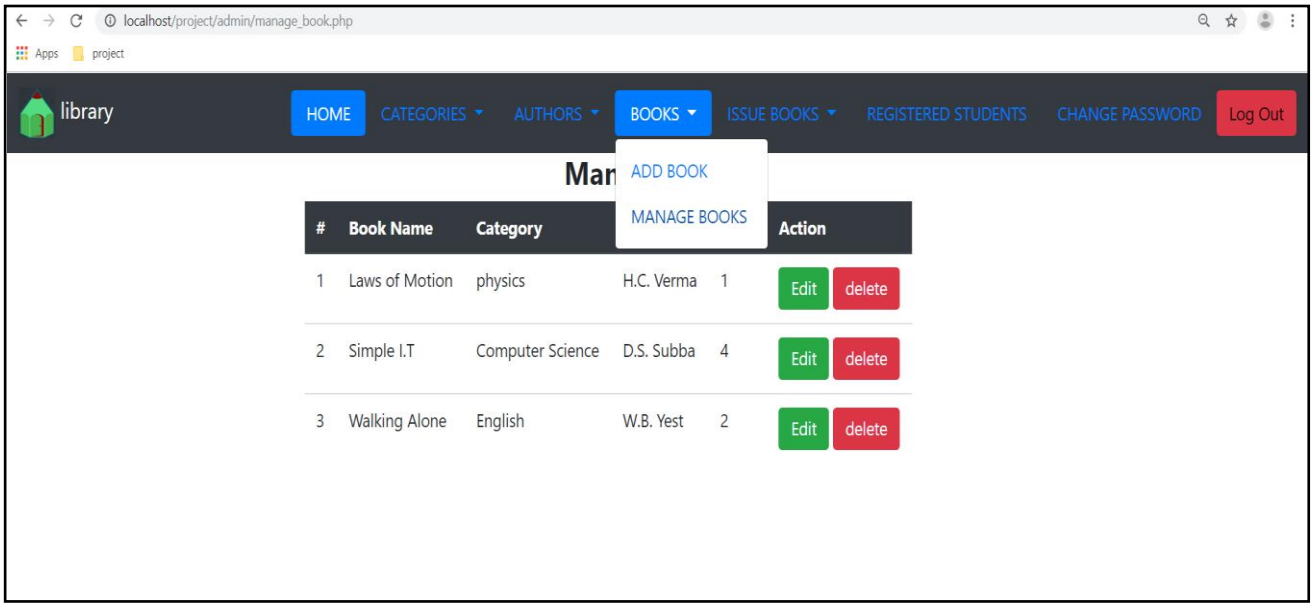


- **Admin**

Add Books:



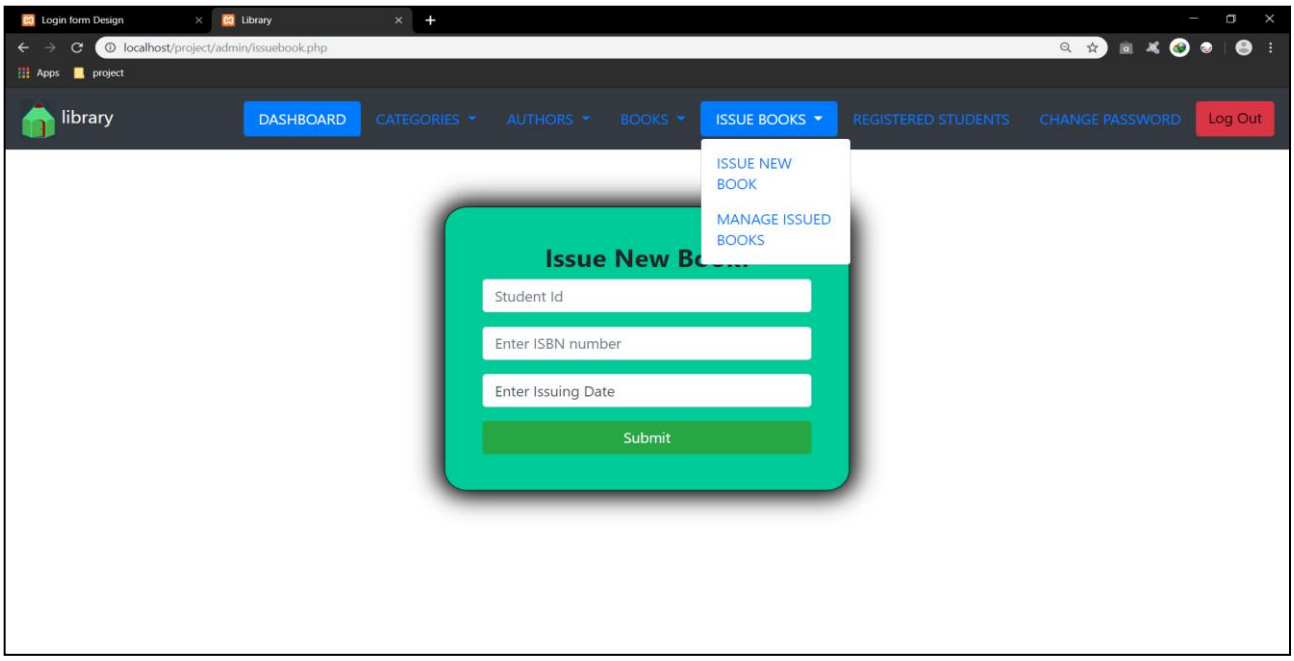
Manage Books:



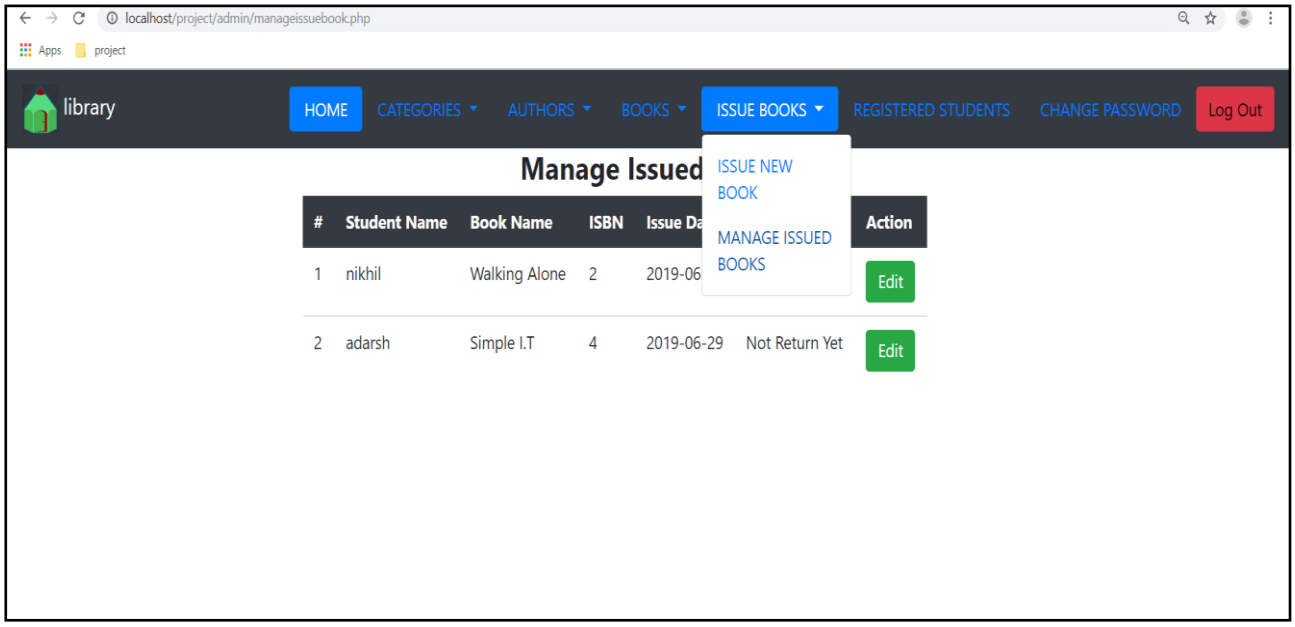
Library Management

- **Admin**

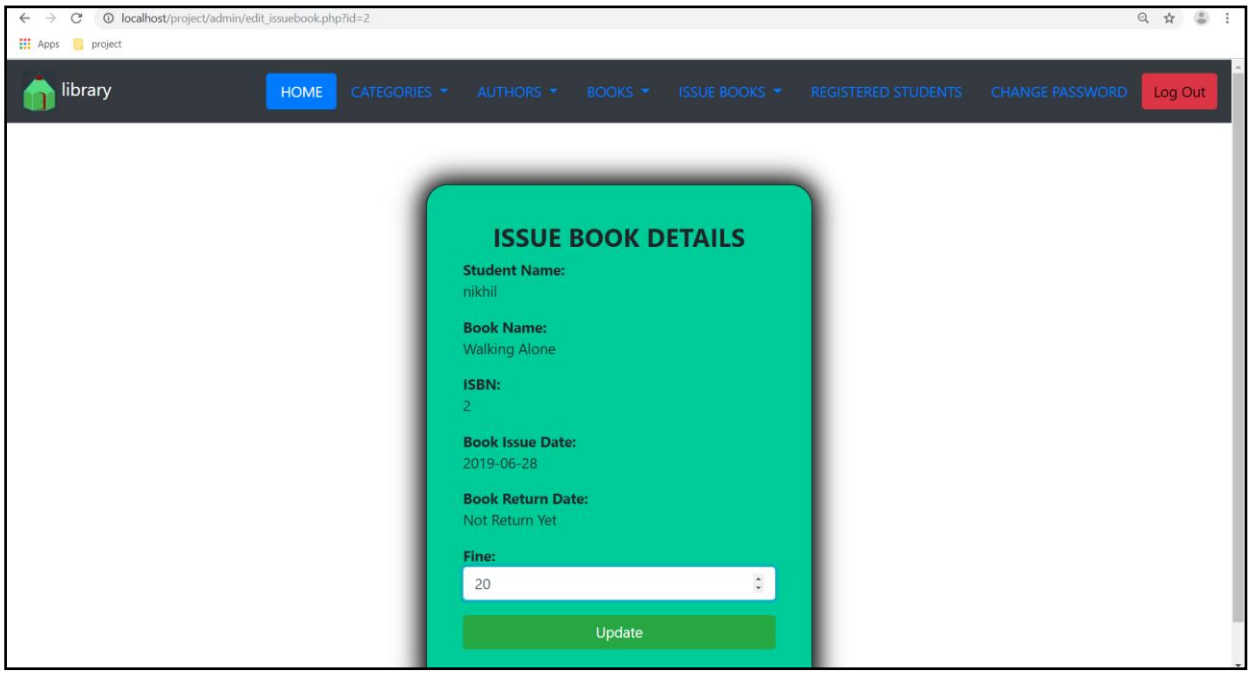
Issue New Book:



Manage Issued Book

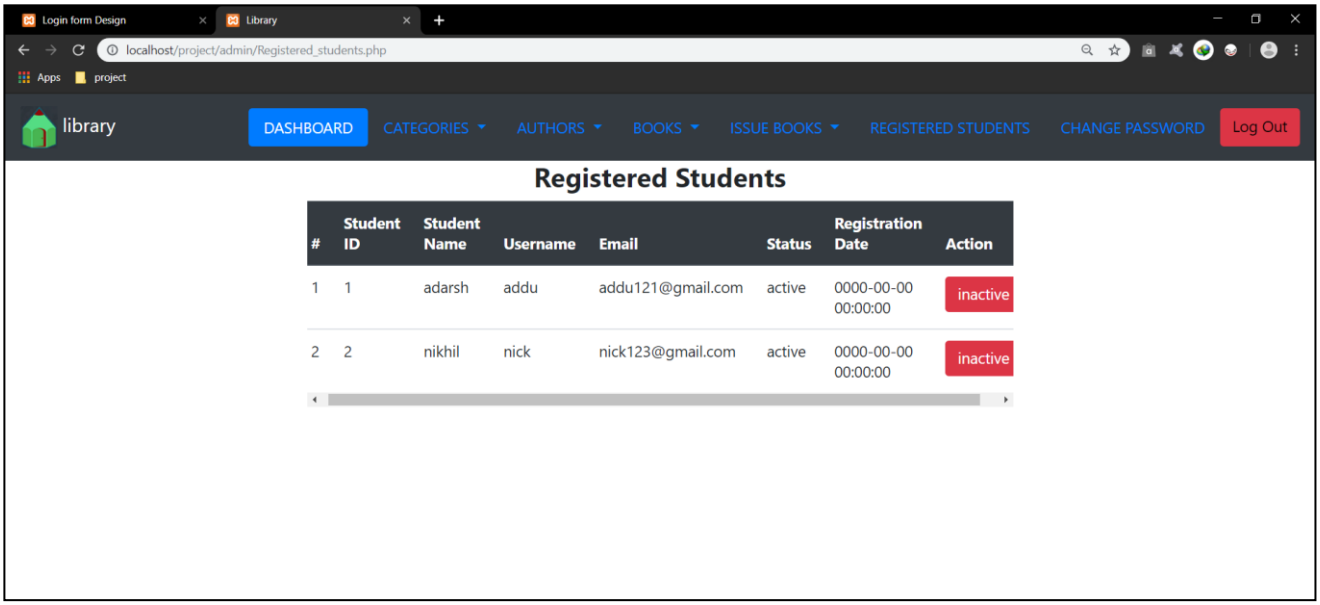


Manage Issued Book [EDIT]



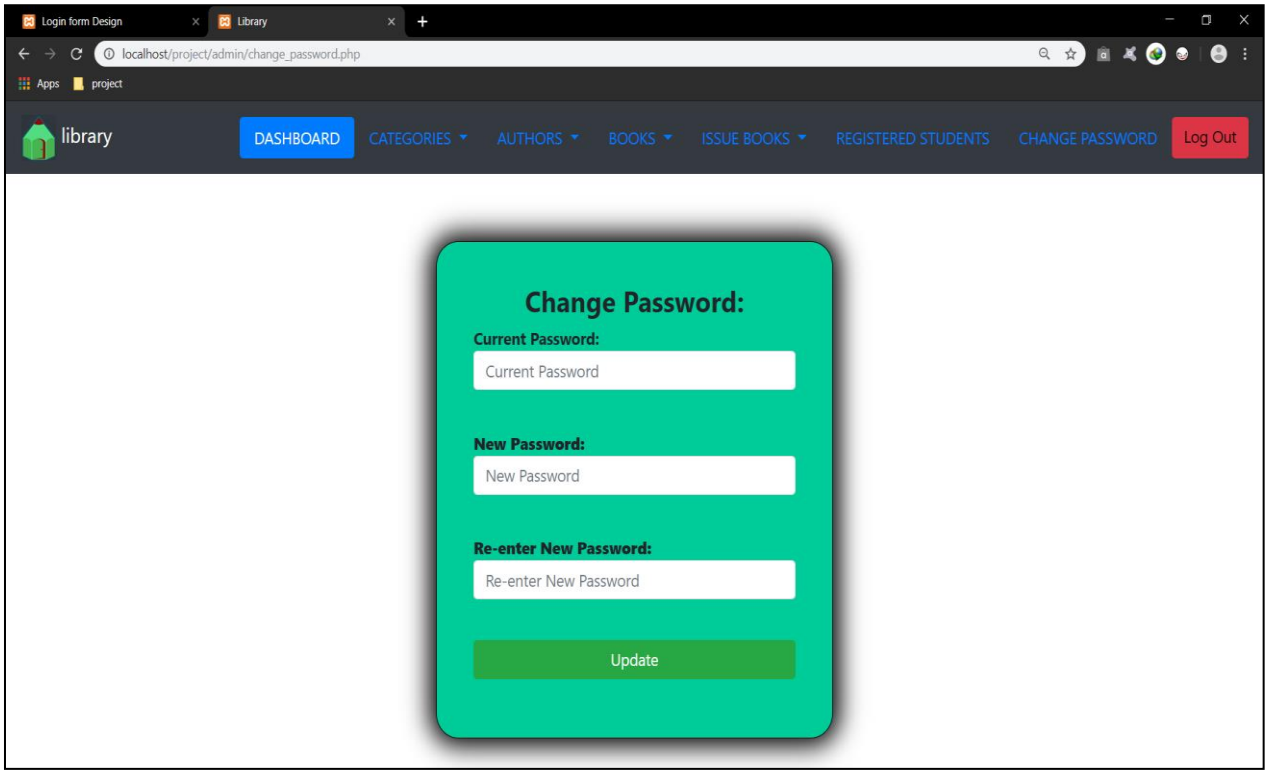
- **Admin**

Registered Students:

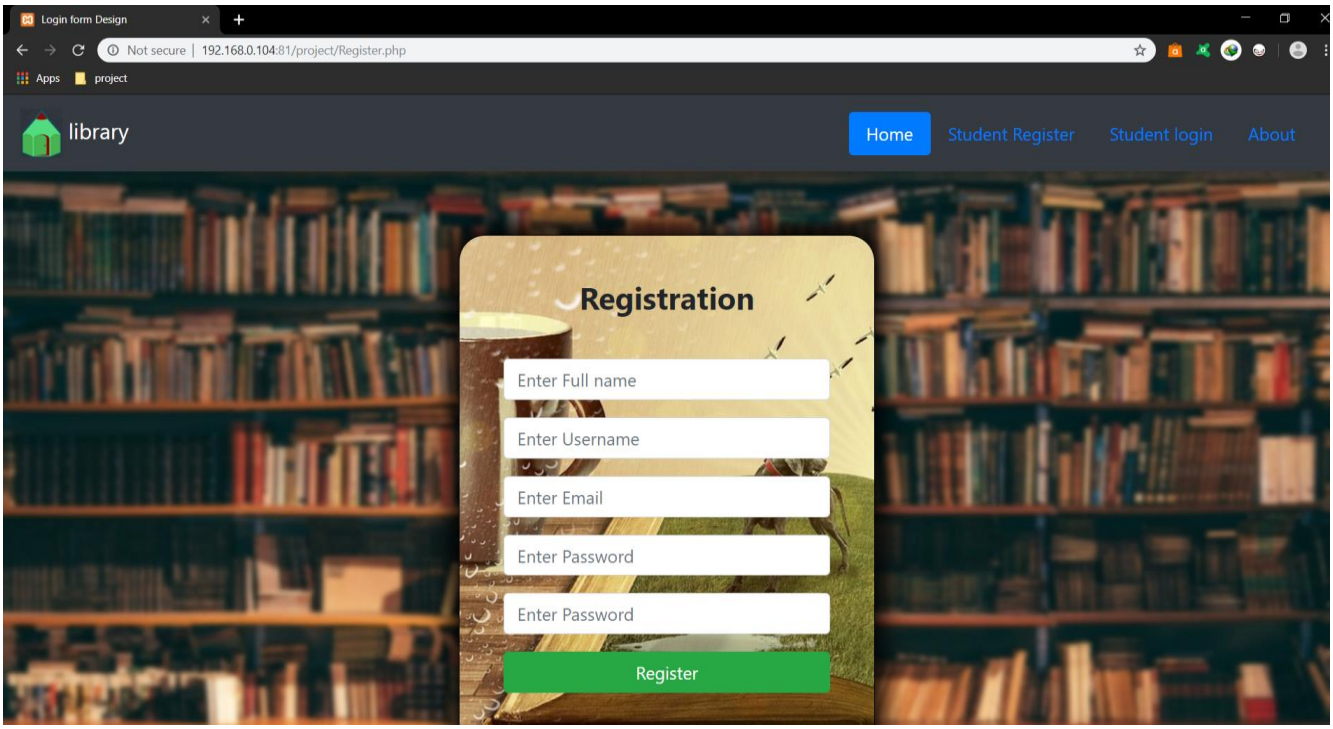


- **Admin**

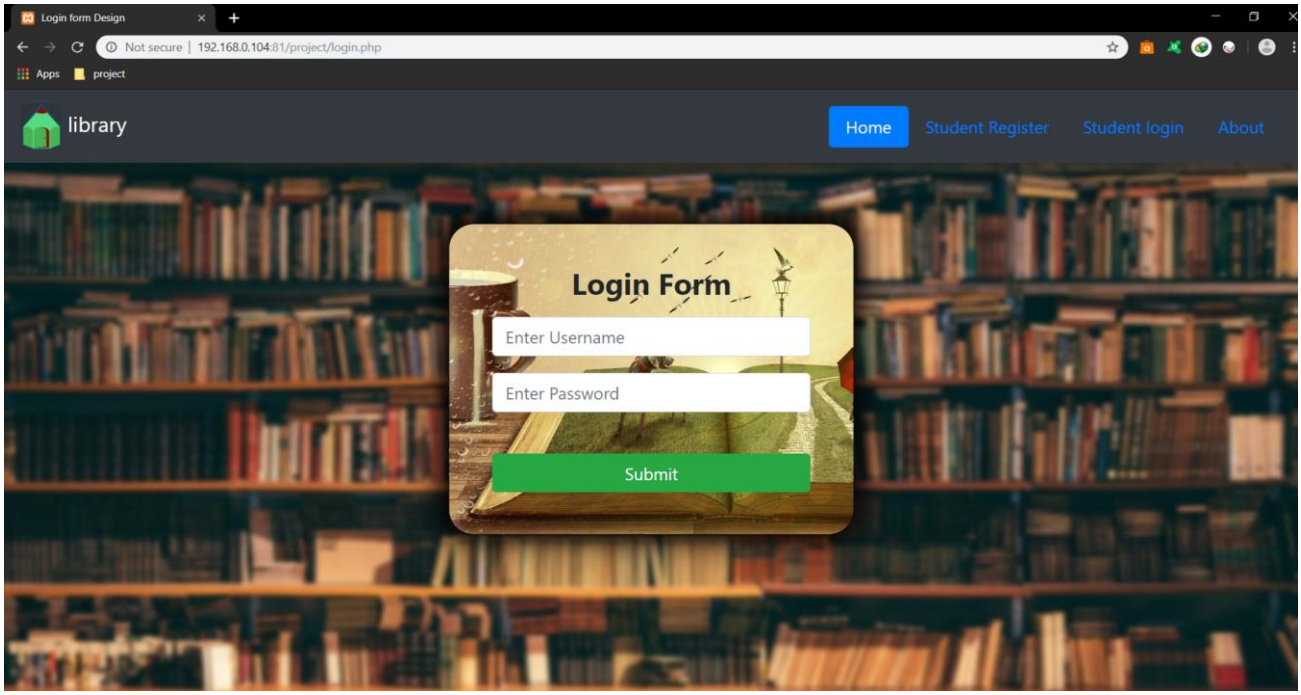
Change Password:



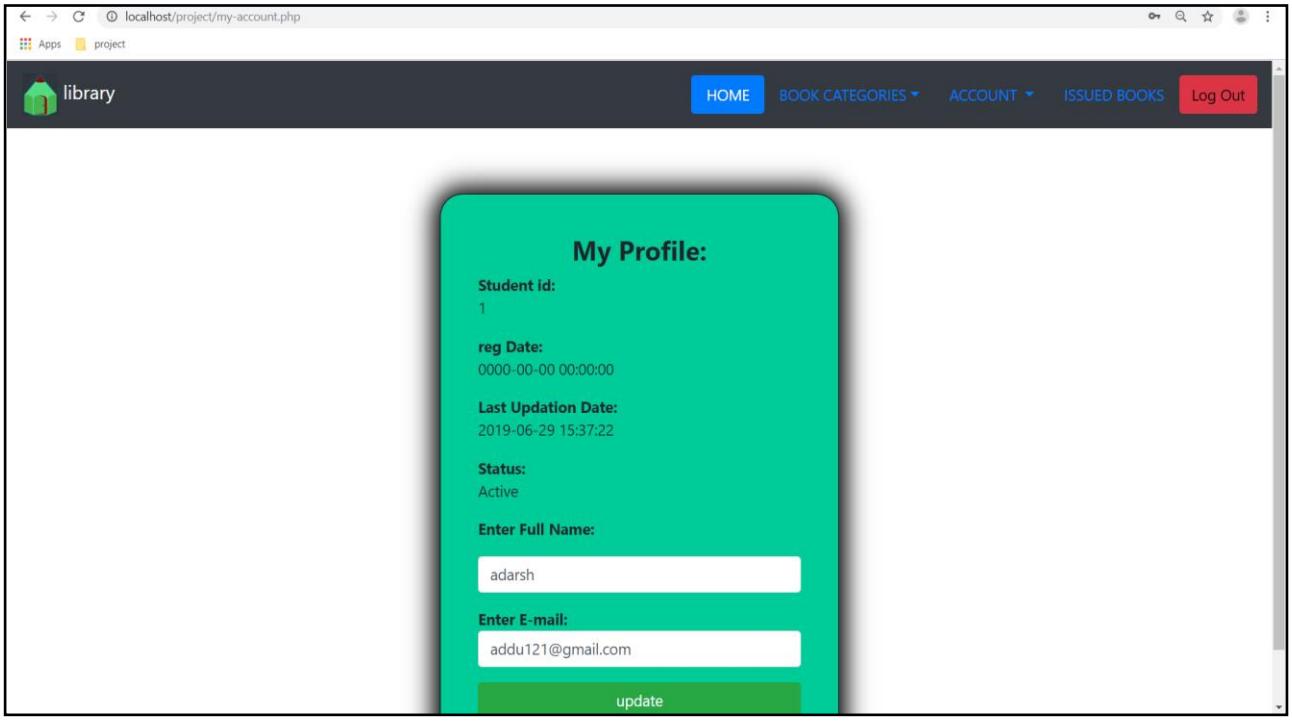
4.3 Student registers:



4.4 Student login:

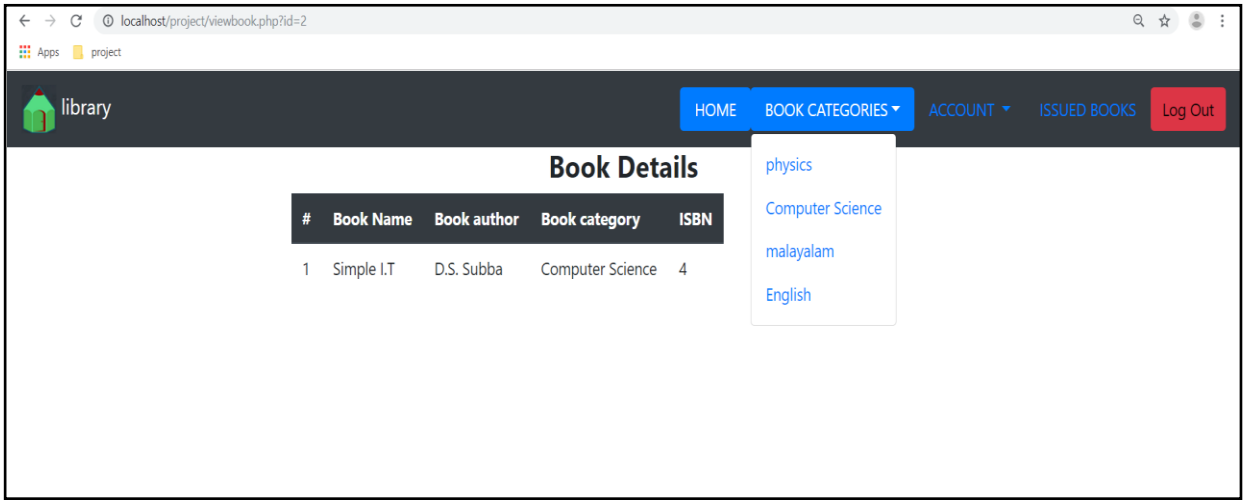


Student's Profile:

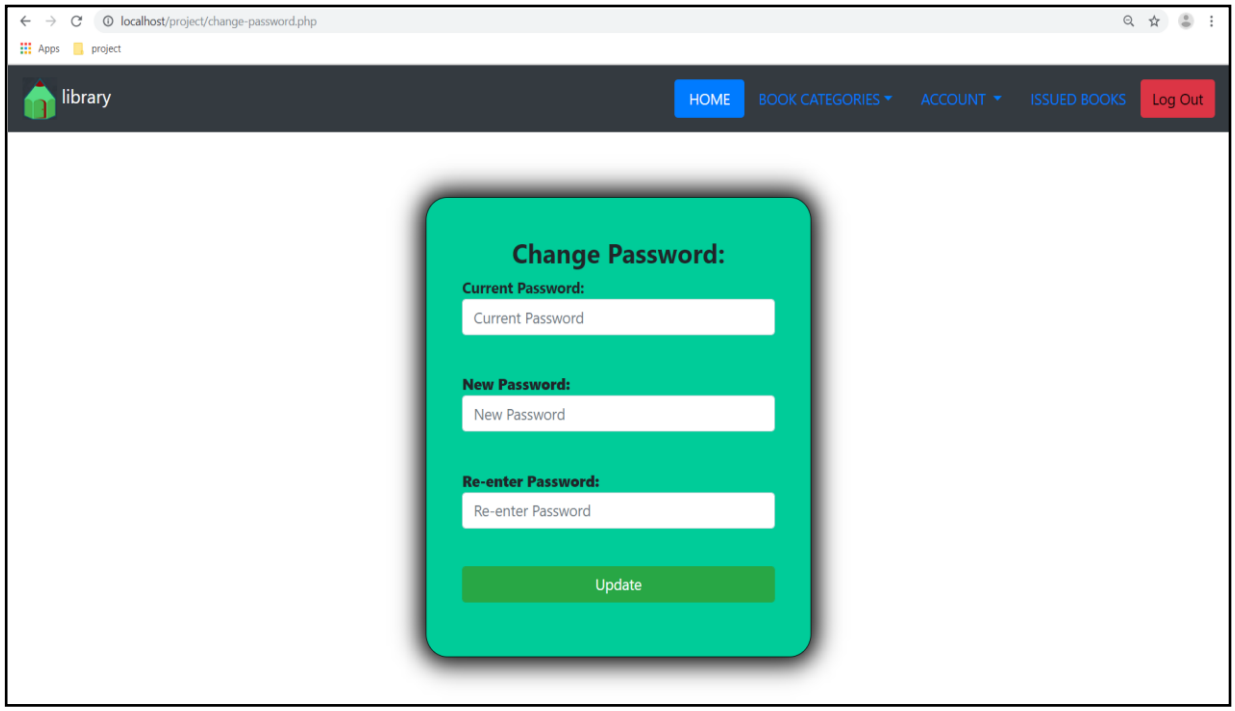


Books Category:

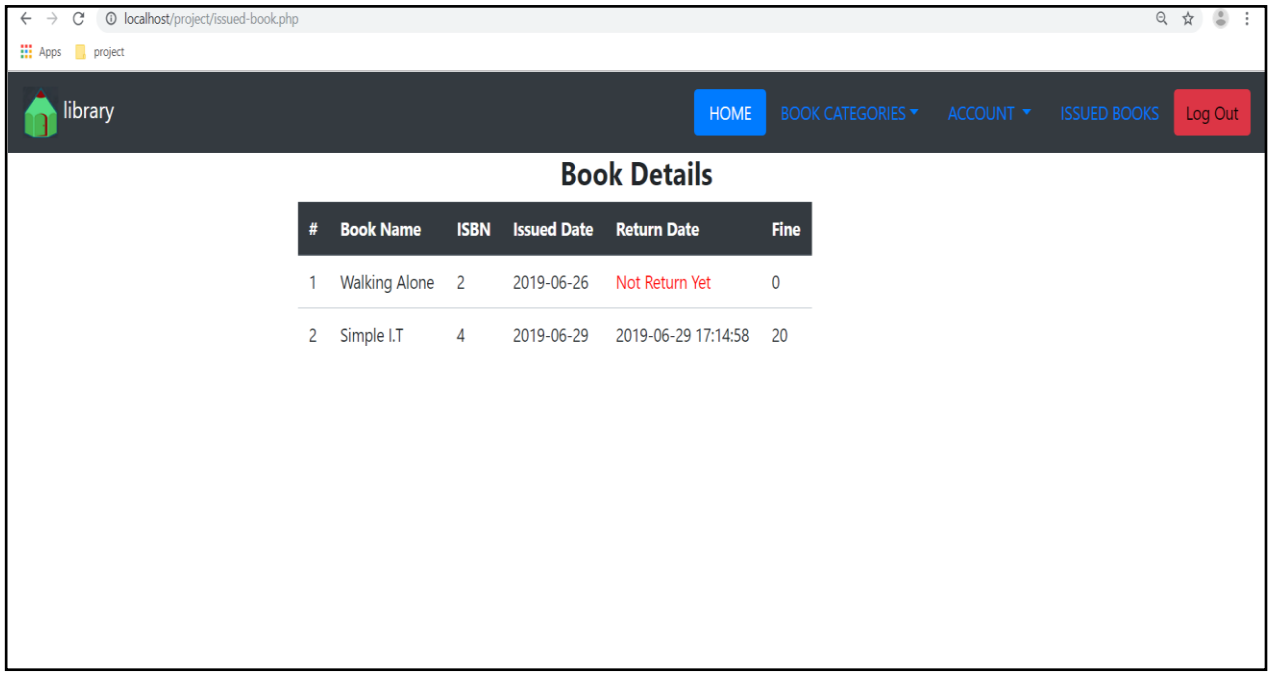
Books Details



Change Password:



Issued Books by Users:



CHAPTER 5

CODE LISTING

❖ ADMIN:

○ add_author.php

```
<?php
session_start();
$con=mysqli_connect("localhost","root","","project");
if(!isset($_SESSION['success'])){
    header("location:index.php");
}
if(isset($_POST['authorsubmit'])){
    $author_name=$_POST['autname'];
    $sql="INSERT INTO tblauthor (id,author_name)
        VALUES('','$author_name')";
    if(mysqli_query($con,$sql)){
        $_SESSION['msg']="successfully added";
        header('location:manage_author.php');
    }
}
 ?>
 <doctype html>
   <html>
   <title>Library</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width,initial-
scale=1">
    <link rel="stylesheet" type="text/css"
href="librarynew.css">
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
    <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
    <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>
```

```
    <!-- jQuery library -->
    </head>
    <body>
    <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
     <a href="main.php" class="navbar-brand" >
         <img src="../images/logo.png">  library
     </a>
     <ul class="nav ml-auto nav-pills">
          <li class="nav-item"><a class="nav-link active"
href="main.php" class='active'>DASHBOARD</a></li>
         <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> CATEGORIES
<span class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="addcategory.php">ADD CATEGORY</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manage_category.php">MANAGE CATEGORY</a></li>
                </ul>
            </li>
           <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> AUTHORS
<span class="caret"></span></a>
                 <ul class="dropdown-menu">
                     <li class="nav-item"><a class="nav-link"
href="add_author.php">ADD AUTHOR</a></li>
                      <li class="nav-item"><a class="nav-link"
href="manage_author.php">MANAGE AUTHORS</a></li>
                 </ul>
          </li>
          <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> BOOKS <span
class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="add_book.php">ADD BOOK</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manage_book.php">MANAGE BOOKS</a></li>
                </ul>
        </li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#">ISSUE BOOKS
<span class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="issuebook.php">ISSUE NEW BOOK</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manageissuebook.php">MANAGE ISSUED BOOKS</a></li>
                </ul>
```

```
        </li>
           <li class="nav-item"><a class="nav-link"
href="Registered_students.php">REGISTERED STUDENTS</a></li>
              <li class="nav-item"><a class="nav-link"
href="change_password.php">CHANGE PASSWORD</a></li>
              <li class="btn btn-danger btn-primary"><a
href="logout.php" class="nounderline">Log Out</a></li>
     </ul>
   </nav>
   <div class="container-fluid">
       <div class="row justify-content-center">
           <div class="col-12 col-sm-4 col-md-4">
                  <form method="post" class="form-container" >
                        <h3 class="text-center font-weight-
bold" >ADD AUTHOR:</h3>

                        <div class="form-group">
                            <input class="form-control"
type="text" placeholder="Enter Author Name" name="autname"
required>
                        </div>

                        <input type="button" class="btn btn-
success form-control" name="authorsubmit" value="Submit">
                  </form>
             </div>
         </div>
    </div>

</body>

</html>
```

- add_books.php

```
<?php
session_start();
$con=mysqli_connect("localhost","root","","project");

if(!isset($_SESSION['success'])){
    header("location:index.php");
    }
if(isset($_POST['booksubmit'])){
    $book_name=$_POST['bookname'];
    $category_id=$_POST['category'];
    $author_id=$_POST['author'];
    $isbn=$_POST['isbn'];
    $sql="INSERT into
tblbooks(id,book_name,category_id,author_id,isbn)
values('','$book_name','$category_id','$author_id','$isbn')";
    if(mysqli_query($con,$sql)){
        $_SESSION['msg']="Inserted book succesfully";
        header("location:manage_book.php");
    }
}
?>
<doctype html>
  <html>
  <title>Library</title>
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width,initial-
scale=1">
   <link rel="stylesheet" type="text/css"
href="librarynew.css">
   <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
   <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
   <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

  <!-- jQuery library -->
  </head>
  <body>
  <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
   <a href="main.php" class="navbar-brand" >
```

```
        <img src="../images/logo.png">  library
    </a>
    <ul class="nav ml-auto nav-pills">
         <li class="nav-item"><a class="nav-link active"
href="main.php" class='active'>DASHBOARD</a></li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> CATEGORIES
<span class="caret"></span></a>
               <ul class="dropdown-menu">
                   <li class="nav-item"><a class="nav-link"
href="addcategory.php">ADD CATEGORY</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manage_category.php">MANAGE CATEGORY</a></li>
               </ul>
          </li>
         <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> AUTHORS
<span class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="add_author.php">ADD AUTHOR</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manage_author.php">MANAGE AUTHORS</a></li>
                </ul>
        </li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> BOOKS <span
class="caret"></span></a>
               <ul class="dropdown-menu">
                   <li class="nav-item"><a class="nav-link"
href="add_book.php">ADD BOOK</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manage_book.php">MANAGE BOOKS</a></li>
                </ul>
       </li>
       <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#">ISSUE BOOKS
<span class="caret"></span></a>
               <ul class="dropdown-menu">
                   <li class="nav-item"><a class="nav-link"
href="issuebook.php">ISSUE NEW BOOK</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manageissuebook.php">MANAGE ISSUED BOOKS</a></li>
               </ul>
      </li>
         <li class="nav-item"><a class="nav-link"
href="Registered_students.php">REGISTERED STUDENTS</a></li>
             <li class="nav-item"><a class="nav-link"
href="change_password.php">CHANGE PASSWORD</a></li>
```

```
              <li class="btn btn-danger btn-primary"><a
href="logout.php" class="nounderline">Log Out</a></li>


   </ul>
  </nav>
  <div class="container-fluid">
      <div class="row justify-content-center">
            <div class="col-12 col-sm-4 col-md-4">
             <form method="post" class="form-container">
                  <h3 class="text-center font-weight-
bold">ADD BOOK:</h3>

                  <b>Book Name</b><span
style="color:red";>*</span><br>
                  <div class="form-group">
                      <input class="form-control"
placeholder="Enter Book Name" type="text" name="bookname"
required>
                  </div>

                            <b>Category</b><span
style="color:red";>*</span><br>
                            <select class="form-control"
name="category" required>
                                <option value="" >Select
category</option>
                                <?php
                                    $status=1;
                                    $sql="SELECT * FROM
tblcategory WHERE status='$status'";

$result=mysqli_query($con,$sql);

                                    if($result->num_rows > 0){

                                        while($row = $result-
>fetch_assoc()){?>

                                                <option
value="<?php echo htmlentities($row['id']);?>"> <?php echo
htmlspecialchars($row['categoryname']);?></option>

                                                    <?php

                                    } } ?>
                            </select>
```

```
                                <br><b>Author</b><span
style="color:red";>*</span><br>
                                <select class="form-control"
name="author" required>
                                    <option value="" >Select
author</option>
                                    <?php
                                        $sql="SELECT * FROM
tblauthor";

$result=mysqli_query($con,$sql);
                                        if($result->num_rows > 0){

                                            while($row = $result-
>fetch_assoc()){?>

                                                <option
value="<?php echo htmlentities($row['id']);?>"> <?php echo
htmlspecialchars($row['author_name']);?></option>
                                                    <?php
                                        } } ?>
                                </select>

                                <b>ISBN number</b><span
style="color:red";>*</span><br>
                            <div class="form-group">
                                <input class="form-control"
placeholder="Enter ISBN" type="text" name="isbn" required><br>
                            </div>
                                <a style="color:#444"> An ISBN is
an International Standard Book Number.ISBN Must be unique</a>

                        <div class="form-group">
                            <input class="btn btn-success form-
control" type="submit" name="booksubmit" value="Submit">
                        </div>
                </form>
            </div>
        </div>
</div>
</body>
</html>
```

- add_category.php

```
<?php
 session_start();
 $sql=$con=$categoryname=$status="";
 $con=mysqli_connect("localhost","root","","project");
  if(isset($_POST['categorysubmit'])){
          $categoryname=$_POST['catname'];
          $status=$_POST['status'];
          $sql= "INSERT INTO tblcategory
(id,categoryname,status)
                      VALUES ('','$categoryname','$status')";
          if(mysqli_query($con,$sql)){
              $_SESSION['msg']="Category added successfully ";
              header("location:manage_category.php");
              }
      }
    if(!isset($_SESSION['success'])){

            header("location:index.php");
    }
 ?>

<doctype html>
  <html>
  <title>Library</title>
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width,initial-
scale=1">
   <link rel="stylesheet" type="text/css"
href="librarynew.css">
   <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
   <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
   <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

  <!-- jQuery library -->
  </head>
  <body>
  <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
```

```
    <a href="main.php" class="navbar-brand" >
        <img src="../images/logo.png">  library
    </a>
    <ul class="nav ml-auto nav-pills">
         <li class="nav-item"><a class="nav-link active"
href="main.php" class='active'>DASHBOARD</a></li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> CATEGORIES
<span class="caret"></span></a>
              <ul class="dropdown-menu">
                  <li class="nav-item"><a class="nav-link"
href="addcategory.php">ADD CATEGORY</a></li>
                   <li class="nav-item"><a class="nav-link"
href="manage_category.php">MANAGE CATEGORY</a></li>
              </ul>
          </li>
         <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> AUTHORS
<span class="caret"></span></a>
               <ul class="dropdown-menu">
                   <li class="nav-item"><a class="nav-link"
href="add_author.php">ADD AUTHOR</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manage_category.php">MANAGE AUTHORS</a></li>
                </ul>
        </li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> BOOKS <span
class="caret"></span></a>
               <ul class="dropdown-menu">
                   <li class="nav-item"><a class="nav-link"
href="add_book.php">ADD BOOK</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manage_book.php">MANAGE BOOKS</a></li>
                </ul>
       </li>
       <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#">ISSUE BOOKS
<span class="caret"></span></a>
              <ul class="dropdown-menu">
                  <li class="nav-item"><a class="nav-link"
href="issuebook.php">ISSUE NEW BOOK</a></li>
                   <li class="nav-item"><a class="nav-link"
href="manageissuebook.php">MANAGE ISSUED BOOKS</a></li>
              </ul>
      </li>
         <li class="nav-item"><a class="nav-link"
href="Registered_students.php">REGISTERED STUDENTS</a></li>
```

```
            <li class="nav-item"><a class="nav-link"
href="change_password.php">CHANGE PASSWORD</a></li>
            <li class="btn btn-danger btn-primary"><a
href="logout.php" class="nounderline">Log Out</a></li>


   </ul>
  </nav>
  <div class="container-fluid">
      <div class="row justify-content-center">
            <div class="col-12 col-sm-4 col-md-4">
             <form class="form-container" method="post"
action="<?php echo htmlspecialchars($_SERVER['PHP_SELF']) ?>">
                    <h3 class="text-center font-weight-
bold">ADD CATEGORY:</h3>
                    <div class="form-group">
                        <input  class="form-control"
type="text" name="catname" placeholder="Enter categoryname"
required>
                    </div>
                    <div class="form-group">
                            <b class="font-weight-
bold">Active</b><input type="radio" name="status" value="1"
checked="checked" ><br>
                            <b class="font-weight-
bold">Inactive</b><input type="radio" name="status" value="0"
>
                    </div>
                    <button  class="btn btn-success btn-block"
type="submit" name="categorysubmit" >Submit</button>
             </form>
        </div>
    </div>
  </div>
  </body>
  </html>
```

- change_password.php

```
<?php
session_start();
    $error="";
   if(!isset($_SESSION['success'])){
           header("location:index.php");
   }
   $con=mysqli_connect("localhost","root","","project");
   if(isset($_POST['submit'])){
      $sql=$currentpass=$newpass=$repass="";
      $currentpass = $_POST['currentpass'];
      $newpass=$_POST['newpass'];
      $repass=$_POST['repass'];
      $sql="SELECT Password FROM admin";
      $res=mysqli_query($con,$sql);
      if($res->num_rows > 0){
          while($row = $res->fetch_assoc()){
              if($row['Password']==$currentpass){
                      if($newpass==$repass){
                          $sql="UPDATE admin SET
Password='$newpass'";
                                  if(mysqli_query($con,$sql)){

header("location:change_password.php");
                                  }
                      }
                      else{
                          $error="New password doesn't match";
                      }
              }
              else{
                  $error="Wrong password";
              }
          }
      }
   }
?>

<doctype html>
  <html>
  <title>Library</title>
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width,initial-
scale=1">
   <link rel="stylesheet" type="text/css"
href="librarynew.css">
```

```
   <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
   <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
   <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

  <!-- jQuery library -->
  </head>
  <body>
  <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
   <a href="main.php" class="navbar-brand" >
       <img src="../images/logo.png">  library
   </a>
   <ul class="nav ml-auto nav-pills">
        <li class="nav-item"><a class="nav-link active"
href="main.php" class='active'>DASHBOARD</a></li>
       <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> CATEGORIES
<span class="caret"></span></a>
             <ul class="dropdown-menu">
                 <li class="nav-item"><a class="nav-link"
href="addcategory.php">ADD CATEGORY</a></li>
                  <li class="nav-item"><a class="nav-link"
href="manage_category.php">MANAGE CATEGORY</a></li>
             </ul>
          </li>
         <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> AUTHORS
<span class="caret"></span></a>
               <ul class="dropdown-menu">
                   <li class="nav-item"><a class="nav-link"
href="add_author.php">ADD AUTHOR</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manage_author.php">MANAGE AUTHORS</a></li>
               </ul>
       </li>
       <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> BOOKS <span
class="caret"></span></a>
              <ul class="dropdown-menu">
                  <li class="nav-item"><a class="nav-link"
href="add_book.php">ADD BOOK</a></li>
```

```
                    <li class="nav-item"><a class="nav-link"
href="manage_book.php">MANAGE BOOKS</a></li>
                </ul>
        </li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#">ISSUE BOOKS
<span class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="issuebook.php">ISSUE NEW BOOK</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manageissuebook.php">MANAGE ISSUED BOOKS</a></li>
                </ul>
      </li>
         <li class="nav-item"><a class="nav-link"
href="Registered_students.php">REGISTERED STUDENTS</a></li>
             <li class="nav-item"><a class="nav-link"
href="change_password.php">CHANGE PASSWORD</a></li>
             <li class="btn btn-danger btn-primary"><a
href="logout.php" class="nounderline">Log Out</a></li>


   </ul>
  </nav>
  <div class="container-fluid">
      <div class="row justify-content-center">
            <div class="col-12 col-sm-4 col-md-4">

               <form method="POST" action="<?php echo
$_SERVER['PHP_SELF'] ?>" class="form-container" >
                    <h3 class="text-center font-weight-
bold">Change Password:</h3>
                    <?php if($error != ''): ?>
                        <div class="error bg-danger">
                            <b><?php echo "$error";?></b>
                        </div>
                    <?php endif ?>
                    <div class="form-group">
                    <b>Current Password:
                        <br><input type="password" class="form-
control" name="currentpass" placeholder="Current Password"
required><br>
                    </div>
                    <div class="form-group">
                     <b>New Password:
                        <br><input type="password" class="form-
control" name="newpass" placeholder="New Password"
required><br>
                    </div>
```

```
                    <div class="form-group">
                     <b>Re-enter Password:
                         <br><input type="password"
class="form-control" name="repass" placeholder="Re-enter
Password" required><br>
                     </div>
                     <div class="form-group">
                     <input type="submit" class="form-control
btn btn-success" name="submit" value="Update">
                  </div>
                 </form>
             </div>
         </div>
    </div>
</body>
</head>
</html>
```

- edit_author.php

```
<doctype html>
  <html>
  <title>Library</title>
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width,initial-
scale=1">
   <link rel="stylesheet" type="text/css"
href="librarynew.css">
   <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
   <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
   <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

  <!-- jQuery library -->
  </head>
  <body>
  <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
   <a href="main.php" class="navbar-brand" >
       <img src="../images/logo.png">  library
   </a>
   <ul class="nav ml-auto nav-pills">
        <li class="nav-item"><a class="nav-link active"
href="main.php" class='active'>DASHBOARD</a></li>
       <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> CATEGORIES
<span class="caret"></span></a>
              <ul class="dropdown-menu">
                  <li class="nav-item"><a class="nav-link"
href="addcategory.php">ADD CATEGORY</a></li>
                   <li class="nav-item"><a class="nav-link"
href="manage_category.php">MANAGE CATEGORY</a></li>
              </ul>
          </li>
         <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> AUTHORS
<span class="caret"></span></a>
               <ul class="dropdown-menu">
```

```
                    <li class="nav-item"><a class="nav-link"
href="add_author.php">ADD AUTHOR</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manage_author.php">MANAGE AUTHORS</a></li>
                </ul>
        </li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> BOOKS <span
class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="add_book.php">ADD BOOK</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manage_book.php">MANAGE BOOKS</a></li>
                </ul>
       </li>
       <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#">ISSUE BOOKS
<span class="caret"></span></a>
              <ul class="dropdown-menu">
                  <li class="nav-item"><a class="nav-link"
href="issuebook.php">ISSUE NEW BOOK</a></li>
                   <li class="nav-item"><a class="nav-link"
href="manageissuebook.php">MANAGE ISSUED BOOKS</a></li>
              </ul>
      </li>
         <li class="nav-item"><a class="nav-link"
href="Registered_students.php">REGISTERED STUDENTS</a></li>
            <li class="nav-item"><a class="nav-link"
href="change_password.php">CHANGE PASSWORD</a></li>
            <li class="btn btn-danger btn-primary"><a
href="logout.php" class="nounderline">Log Out</a></li>
   </ul>
  </nav>
  <div class="container-fluid">
      <div class="row justify-content-center">
          <div class="col-12 col-sm-4 col-md-4">
                <form method="post" class="form-container">
                    <?php
                     $id=$_GET['id'];

$con=mysqli_connect("localhost","root","","project");
                     $sql="SELECT * FROM tblauthor WHERE id =
'$id'";
                     $result=mysqli_query($con,$sql);
                     if($result->num_rows > 0){
                         while($row = $result->fetch_assoc())
                            {?>
```

```
                        <h3 class="text-center font-weight-
bold">EDIT Author:</h3>
                        <b>Author Name</b>
                         <div class="form-group">
                             <input type="text" class="form-
control" name="auname" value="<?php echo
htmlspecialchars($row['author_name']);?>" required>
                         </div>
                         <div class="form-group">
                             <input type="submit" class="btn
btn-success form-control" name="update" value="Update">
                         </div>
                    <?php } }?>
                </form>
            </div>
        </div>
    </div>
    </body>
    <?php
    session_start();
        if(isset($_POST['update'])){

            $author_name=$_POST['auname'];
            $sql="UPDATE tblauthor SET
author_name='$author_name' WHERE id='$id'";
            if(mysqli_query($con,$sql)){
                $_SESSION["msg"] = "updated";
                header('location:manage_author.php');
            }
        }
     ?>
    </html>
```

- edit_book.php

```
<?php
session_start();
$con=mysqli_connect("localhost","root","","project");
if(!isset($_SESSION['success'])){
    header("header:index.php");
}
else if(isset($_POST['update'])){
    $id=$_GET['id'];
    $book_name=$_POST['book_name'];
    $category_id=$_POST['category'];
    $author_id=$_POST['author'];
    $isbn=$_POST['isbn'];
    $sql="UPDATE tblbooks SET
book_name='$book_name',category_id='$category_id',author_id='$
author_id',isbn='$isbn' WHERE id='$id'";
    if(mysqli_query($con,$sql)){
        $_SESSION['updatestatus'] = "Updated successfully";
        header("location:manage_book.php");
    }
}
?>
<doctype html>
  <html>
  <title>Library</title>
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width,initial-
scale=1">
   <link rel="stylesheet" type="text/css"
href="librarynew.css">
   <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
   <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
   <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

  <!-- jQuery library -->
  </head>
```

```
  <body>
  <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
   <a href="main.php" class="navbar-brand" >
       <img src="../images/logo.png">  library
   </a>
   <ul class="nav ml-auto nav-pills">
        <li class="nav-item"><a class="nav-link active"
href="main.php" class='active'>DASHBOARD</a></li>
       <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> CATEGORIES
<span class="caret"></span></a>
              <ul class="dropdown-menu">
                  <li class="nav-item"><a class="nav-link"
href="addcategory.php">ADD CATEGORY</a></li>
                   <li class="nav-item"><a class="nav-link"
href="manage_category.php">MANAGE CATEGORY</a></li>
              </ul>
          </li>
         <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> AUTHORS
<span class="caret"></span></a>
               <ul class="dropdown-menu">
                   <li class="nav-item"><a class="nav-link"
href="add_author.php">ADD AUTHOR</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manage_author.php">MANAGE AUTHORS</a></li>
                </ul>
        </li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> BOOKS <span
class="caret"></span></a>
               <ul class="dropdown-menu">
                   <li class="nav-item"><a class="nav-link"
href="add_book.php">ADD BOOK</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manage_book.php">MANAGE BOOKS</a></li>
               </ul>
       </li>
       <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#">ISSUE BOOKS
<span class="caret"></span></a>
              <ul class="dropdown-menu">
                  <li class="nav-item"><a class="nav-link"
href="issuebook.php">ISSUE NEW BOOK</a></li>
                   <li class="nav-item"><a class="nav-link"
href="manageissuebook.php">MANAGE ISSUED BOOKS</a></li>
              </ul>
      </li>
```

```
          <li class="nav-item"><a class="nav-link"
href="Registered_students.php">REGISTERED STUDENTS</a></li>
              <li class="nav-item"><a class="nav-link"
href="change_password.php">CHANGE PASSWORD</a></li>
              <li class="btn btn-danger btn-primary"><a
href="logout.php" class="nounderline">Log Out</a></li>
   </ul>
  </nav>
  <div class="container-fluid">
      <div class="row justify-content-center">
          <div class="col-12 col-sm-4 col-md-4">
                      <form method="post"  class="form-
container">
                          <?php
                           $cnt=1;
                           $id=$_GET['id'];
                           $sql="SELECT
tblbooks.book_name,tblcategory.categoryname,tblcategory.id as
cid,tblauthor.author_name,tblauthor.id as athrid,tblbooks.isbn
FROM tblbooks JOIN tblcategory on tblbooks.category_id
=tblcategory.id JOIN tblauthor on
tblauthor.id=tblbooks.author_id WHERE tblbooks.id='$id'";
                           $result=mysqli_query($con,$sql);
                           if($result->num_rows > 0){
                               while($row = $result-
>fetch_assoc())
                                   {?>
                            <h3 class="text-center font-
weight-bold">EDIT BOOK</h3>
                           <b>Book Name:</b>
                           <div class="form-group">
                               <input type="text"
class="form-control" name="book_name" value="<?php echo
htmlspecialchars($row['book_name']);?>" required>
                           </div>
                           <b>category Name:</b>
                           <div class="form-group">
                               <select name="category"
class="form-control" required>
                                   <option value="<?php echo
htmlentities($row['cid']);?>"><?php echo
htmlentities($catname=$row['categoryname']);?></option>
                                   <?php
                                       $sql1="SELECT * FROM
tblcategory where status='1'";

$result1=mysqli_query($con,$sql1);
                                       if($result1->num_rows
> 0){
```

```
while($row1=$result1->fetch_assoc()){

if($catname==$row1['categoryname']){
                                                    continue;
                                                }
                                                else{?>
                                                    <option
value="<?php echo htmlentities($row1['id']);?>"><?php echo
htmlentities($row1['categoryname']);?></option>
                                                <?php }}} ?>
                                        </select>
                                    </div>
                                    <b>Author:</b>
                                    <div class="form-group">
                                            <select name="author"
class="form-control" required>
                                                <option
value="<?php echo htmlentities($row['athrid']);?>"><?php echo
htmlentities($author=$row['author_name']);?></option>
                                                <?php
                                                    $sql1="SELECT
* FROM tblauthor";

$result1=mysqli_query($con,$sql1);
                                                if($result1-
>num_rows > 0){

while($row1=$result1->fetch_assoc()){

if($author==$row1['author_name']){

continue;
                                                                }

else{?>

<option value="<?php echo htmlentities($row1['id']);?>"><?php
echo htmlentities($row1['author_name']);?></option>
                                                                <?php
}}} ?>
                                                </select>
                                    </div>

                                <b>ISBN:</b>
                                <div class="form-group">
                                    <input type="int" class="form-
control" name="isbn" value="<?php echo
htmlspecialchars($row['isbn']);?>" required>
```

```
                                    <?php }} ?>
                                </div>
                                <div class="form-group">
                                    <input type="button"
class="form-control btn btn-success" name="update"
value="Update">
                                </div>
                            </form>
                        </div>
                    </div>
                </div>
</body>
</html>
```

- edit_category.php

```
<?php
 session_start();
    $id=$con="";
    if(!isset($_SESSION['success'])){
            header("location:index.php");
    }
?>
<doctype html>
  <html>
  <title>Library</title>
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width,initial-
scale=1">
   <link rel="stylesheet" type="text/css"
href="librarynew.css">
   <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
   <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
   <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

  <!-- jQuery library -->
  </head>
  <body>
  <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
   <a href="main.php" class="navbar-brand" >
       <img src="../images/logo.png">  library
   </a>
   <ul class="nav ml-auto nav-pills">
        <li class="nav-item"><a class="nav-link active"
href="main.php" class='active'>DASHBOARD</a></li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> CATEGORIES
<span class="caret"></span></a>
             <ul class="dropdown-menu">
                 <li class="nav-item"><a class="nav-link"
href="addcategory.php">ADD CATEGORY</a></li>
                  <li class="nav-item"><a class="nav-link"
href="manage_category.php">MANAGE CATEGORY</a></li>
```

```
                </ul>
            </li>
           <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> AUTHORS
<span class="caret"></span></a>
                  <ul class="dropdown-menu">
                      <li class="nav-item"><a class="nav-link"
href="add_author.php">ADD AUTHOR</a></li>
                       <li class="nav-item"><a class="nav-link"
href="manage_author.php">MANAGE AUTHORS</a></li>
                  </ul>
          </li>
          <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> BOOKS <span
class="caret"></span></a>
                 <ul class="dropdown-menu">
                     <li class="nav-item"><a class="nav-link"
href="add_book.php">ADD BOOK</a></li>
                      <li class="nav-item"><a class="nav-link"
href="manage_book.php">MANAGE BOOKS</a></li>
                 </ul>
         </li>
         <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#">ISSUE BOOKS
<span class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="issuebook.php">ISSUE NEW BOOK</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manageissuebook.php">MANAGE ISSUED BOOKS</a></li>
                </ul>
       </li>
          <li class="nav-item"><a class="nav-link"
href="Registered_students.php">REGISTERED STUDENTS</a></li>
               <li class="nav-item"><a class="nav-link"
href="change_password.php">CHANGE PASSWORD</a></li>
               <li class="btn btn-danger btn-primary"><a
href="logout.php" class="nounderline">Log Out</a></li>
    </ul>
  </nav>
  <div class="container-fluid">
      <div class="row justify-content-center">
          <div class="col-12 col-sm-4 col-md-4">
                <form method="post" class="form-container">
                    <?php
                     $cnt=1;
                     $id=$_GET['id'];

$con=mysqli_connect("localhost","root","","project");
```

```
                        $sql="SELECT * FROM tblcategory WHERE id
= '$id'";
                        $result=mysqli_query($con,$sql);
                        if($result->num_rows > 0){
                            while($row = $result->fetch_assoc())
                                {?>

                         <h3 class="text-center font-weight-
bold">EDIT CATEGORY</h3>
                         <b>Category Name:</b>
                         <div class="form-group">
                                <input type="text" class="form-
control" name="catname" value="<?php echo
htmlspecialchars($row['categoryname']);?>" required>
                         </div>
                         <?php if($row['status']==1) {?>
                       <div class="form-group">
                             <b>Active</b><input type="radio"
name="status" value="1" checked="checked" ><br>
                              <b>Inactive</b><input type="radio"
name="status" value="0" >
                       </div>
                       <?php } else{ ?>
                           <div class="form-group">
                               <b>Active</b><input type="radio"
name="status" value="1"  ><br>
                               <b>Inactive</b><input type="radio"
name="status" value="0" checked="checked">
                               </div>
                       <?php }}} ?>
                         <input type="button" class="btn btn-
success form-control" name="update" value="Update">

                    </form>
                </div>
            </div>
        </div>
        </body>
        </html>
        <?php
            if(isset($_POST['update'])){

                $categoryname=$_POST['catname'];
                $status=$_POST['status'];
                $sql="UPDATE tblcategory SET
categoryname='$categoryname',status='$status' WHERE id='$id'";
                if(mysqli_query($con,$sql)){
                    $_SESSION['updatestatus'] = "Updated
successfully";
```

```
                header('location:manage_category.php');
            }
            else{
                header('location:main.php');
            }
        }
?>
```

- edit_issuebook.php

```
<?php
session_start();
$con=mysqli_connect("localhost","root","","project");
if(!isset($_SESSION["success"])){
    header("location:index.php");
}
else if(isset($_POST['update'])){
    $id=$_GET['id'];
    $fine=$_POST['fine'];
    $sql="UPDATE tblissuebook SET
fine='$fine',return_status='0' WHERE id='$id'";
    if(mysqli_query($con,$sql)){
        $_SESSION['updatestatus'] = "Updated successfully";
        header("location:manageissuebook.php");
    }
    }
?>

<doctype html>
  <html>
  <title>Library</title>
       <meta charset="utf-8">
       <meta name="viewport" content="width=device-
width,initial-scale=1">
       <link rel="stylesheet" type="text/css"
href="librarynew.css">
       <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
       <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
       <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
       <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

  <!-- jQuery library -->
  </head>
  <body>
  <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
       <a href="main.php" class="navbar-brand" >
             <img src="../images/logo.png">  library
       </a>
```

```
        <ul class="nav ml-auto nav-pills">
          <li class="nav-item"><a class="nav-link active"
href="../index.php" class='active'>HOME</a></li>
          <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> CATEGORIES
<span class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="addcategory.php">ADD CATEGORY</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manage_category.php">MANAGE CATEGORY</a></li>
                </ul>
            </li>
           <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> AUTHORS
<span class="caret"></span></a>
                  <ul class="dropdown-menu">
                      <li class="nav-item"><a class="nav-link"
href="add_author.php">ADD AUTHOR</a></li>
                       <li class="nav-item"><a class="nav-link"
href="manage_author.php">MANAGE AUTHORS</a></li>
                  </ul>
          </li>
          <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> BOOKS <span
class="caret"></span></a>
                 <ul class="dropdown-menu">
                     <li class="nav-item"><a class="nav-link"
href="add_book.php">ADD BOOK</a></li>
                      <li class="nav-item"><a class="nav-link"
href="manage_book.php">MANAGE BOOKS</a></li>
                 </ul>
         </li>
         <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#">ISSUE BOOKS
<span class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="issuebook.php">ISSUE NEW BOOK</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manageissuebook.php">MANAGE ISSUED BOOKS</a></li>
                </ul>
        </li>
           <li class="nav-item"><a class="nav-link"
href="Registered_students.php">REGISTERED STUDENTS</a></li>
              <li class="nav-item"><a class="nav-link"
href="change_password.php">CHANGE PASSWORD</a></li>
              <button class="btn btn-danger navbar-btn"><a
href="logout.php" class="nounderline">Log Out</a></button>
```

```
        </ul>
    </nav>
    <div class="container-fluid">
        <div class="row justify-content-center">
            <div class="col-12 col-sm-4 col-md-4">
                        <form method="post"  class="form-
container">
                            <?php
                             $cnt=1;
                             $id=$_GET['id'];
                             $sql="SELECT
register.FullName,tblbooks.book_name,tblbooks.isbn,tblissueboo
k.issue_date,tblissuebook.return_date,tblissuebook.return_stat
us,tblissuebook.fine FROM tblissuebook JOIN tblbooks on
tblissuebook.book_id =tblbooks.id JOIN register on
register.id=tblissuebook.student_id  WHERE
tblissuebook.id='$id'";
                            $result=mysqli_query($con,$sql);
                            if($result->num_rows > 0){
                                while($row = $result-
>fetch_assoc())
                                    {?>
                             <h3 class="text-center font-
weight-bold">ISSUE BOOK DETAILS</h3>
                            <b>Student Name: </b> <p><?php
echo htmlspecialchars($row['FullName']);?></p>


                            <b>Book Name:</b><p><?php echo
htmlspecialchars($row['book_name']);?></p>

                            <b>ISBN:</b><p><?php echo
htmlspecialchars($row['isbn']);?></p>

                            <b>Book Issue Date:</b><p><?php
echo htmlspecialchars($row['issue_date']);?></p>


                            <b>Book Return Date:</b><p><?php
if($row['return_status']==1){echo "Not Return Yet";}else{echo
$row['return_date'];} ?></p>

                            <b>Fine:</b>
                            <div class="form-group">
                                <input type="number"
class="form-control" name="fine" placeholder="Enter Fine"
required>
```

```
                                    <?php }} ?>
                                </div>

                                <div class="form-group">
                                    <input type="submit"
class="form-control btn btn-success" name="update"
value="Update">
                                </div>
                            </form>
                        </div>
                    </div>
                </div>
</body>
</html>
```

- eror.php

```
<?php if(count($errors) > 0): ?>
    <div class="error">
            <?php foreach ($errors as $error):?>
                <p><?php echo "$error";?><p>
                <?php endforeach ?>
    </div>
<?php endif ?>
```

- index.php

```
<?php
    session_start();
    $error=$username=$password='';
    $con=mysqli_connect('localhost','root','','project');
    if(isset($_POST['login'])){

$username=mysqli_real_escape_string($con,$_POST['uname']);

$password=mysqli_real_escape_string($con,$_POST['pass']);
        $sql="SELECT * FROM admin WHERE UserName = '$username'
AND Password = '$password'";
        $r = mysqli_query($con,$sql);
        if (mysqli_num_rows($r) == 1){
            $_SESSION['username']=$username;
            $_SESSION['success']=" admin You are successfully
logged in";
            header('location:main.php');
        }
        else{
            $error="Invalid username/password";
        }
    }
?>
<html>
<head>
<title>Login form Design</title>
      <meta charset="utf-8">
      <meta name="viewport" content="width=device-
width,initial-scale=1">
      <link rel="stylesheet" type="text/css"
href="librarynew.css">
      <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
      <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
      <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
      <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>
```

```
<!-- jQuery library -->
</head>
<body>
<nav class="navbar navbar-expand-sm navbar-dark bg-dark">
      <a href="../index.php" class="navbar-brand" >
            <img src="../images/logo.png">  library
      </a>
      <ul class="nav ml-auto nav-pills">
        <li class="nav-item"><a class="nav-link active"
href="../index.php">Home</a></li>

      </ul>
</nav>

<div class="container-fluid bg-blur">
    <div class="row justify-content-center">
        <div class="col-12 col-sm-4 col-md-4">
              <form method="post" action="<?php echo
$_SERVER['PHP_SELF'] ?>" class="form-container img-form">

                    <h3 class="text-center font-weight-
bold">Admin Login:</h3><br>
                        <?php if($error != ''): ?>
                            <div class='error'>
                                <?php echo "$error";?>
                            </div>
                        <?php endif ?>
                    <div class="form-group">
                            <input class="form-control"
type="text" name="uname" placeholder="Enter Username"
required>
                    </div>
                    <div class="form-group">
                            <input class="form-control"
type="password" name="pass" placeholder="Enter password"
required>
                    </div>
                  <input class="btn btn-success form-control"
type="submit" name="login" value="LOGIN">

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

- issuebook.php

```
<?php
    session_start();
    $errors = array();
    $con=mysqli_connect("localhost","root","","project");
    if(!isset($_SESSION['success'])){
        header("location:main.php");
    }
    if(isset($_POST['issuebooksubmit'])){
        $StdId=$_POST["StuId"];
        $isbn=$_POST["IsbnNum"];
        $date1=$_POST["issuedate"];


        //Student Id
        $sql="SELECT id FROM register where id = '$StdId'";
        $result=mysqli_query($con,$sql);
        if($result->num_rows == 0) {
            array_push($errors,"*Invalid Student ID");
        }

        //ISBN NUMBER
        $sql="SELECT id FROM tblbooks where isbn = '$isbn'";
        $result=mysqli_query($con,$sql);
        if($result->num_rows == 0){
            array_push($errors,"*Invalid ISBN");
        }
        else if($result->num_rows > 0){
            while($row = $result->fetch_assoc()){
                $bookid=$row['id'];
            }
        }

        if(count($errors)==0){
            $sql="INSERT INTO tblissuebook
(id,student_id,book_id,issue_date,return_status)
values('','$StdId','$bookid','$date1','1')";
            if(mysqli_query($con,$sql)){
                header("location:manageissuebook.php");
            }
        }

    }
```

```
 ?>
 <doctype html>
   <html>
   <title>Library</title>
       <meta charset="utf-8">
       <meta name="viewport" content="width=device-
width,initial-scale=1">
       <link rel="stylesheet" type="text/css"
href="librarynew.css">
       <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
       <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
       <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
       <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

   <!-- jQuery library -->
   </head>
   <body>
   <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
       <a href="main.php" class="navbar-brand" >
             <img src="../images/logo.png">  library
       </a>
       <ul class="nav ml-auto nav-pills">
          <li class="nav-item"><a class="nav-link active"
href="main.php" class='active'>DASHBOARD</a></li>
         <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> CATEGORIES
<span class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="addcategory.php">ADD CATEGORY</a></li>
                     <li class="nav-item"><a class="nav-link"
href="managecategory.php">MANAGE CATEGORY</a></li>
                </ul>
            </li>
          <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> AUTHORS
<span class="caret"></span></a>
                  <ul class="dropdown-menu">
                      <li class="nav-item"><a class="nav-link"
href="add_author.php">ADD AUTHOR</a></li>
                       <li class="nav-item"><a class="nav-link"
href="manage_author.php">MANAGE AUTHORS</a></li>
```

```
                    </ul>
                </li>
                <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> BOOKS <span
class="caret"></span></a>
                    <ul class="dropdown-menu">
                        <li class="nav-item"><a class="nav-link"
href="add_book.php">ADD BOOK</a></li>
                        <li class="nav-item"><a class="nav-link"
href="manage_book.php">MANAGE BOOKS</a></li>
                    </ul>
            </li>
            <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#">ISSUE BOOKS
<span class="caret"></span></a>
                    <ul class="dropdown-menu">
                        <li class="nav-item"><a class="nav-link"
href="issuebook.php">ISSUE NEW BOOK</a></li>
                        <li class="nav-item"><a class="nav-link"
href="manageissuebook.php">MANAGE ISSUED BOOKS</a></li>
                    </ul>
           </li>
              <li class="nav-item"><a class="nav-link"
href="Registered_students.php">REGISTERED STUDENTS</a></li>
                  <li class="nav-item"><a class="nav-link"
href="change_password.php">CHANGE PASSWORD</a></li>
                  <li class="btn btn-danger btn-primary"><a
href="logout.php" class="nounderline">Log Out</a></li>


          </ul>
      </nav>
      <div class="container-fluid">
            <div class="row justify-content-center">
                    <div class="col-12 col-sm-4 col-md-4">
                        <form method="post" action="<?php echo
htmlspecialchars($_SERVER['PHP_SELF'])?>" class="form-
container">
                                <h3 class="text-center font-
weight-bold">Issue New Book:</h1>
                                <?php include('error.php'); ?>
                                <div class="form-group">
                                    <input type="number"
name="StuId" placeholder="Student Id" class="form-control"
required>
                                </div>
                                <div class="form-group">
```

```
                                    <input type="number"
name="IsbnNum" placeholder="Enter ISBN number" class="form-
control" required>
                                </div>
                                <div class="form-group">
                                    <input class="form-control"
placeholder="Date" class="textbox-n" type="text"
onfocusin="(this.type='date')" onfocusout="(this.type='text')"
name="issuedate" value="Enter Issuing Date"  required>
                                </div>
                                <input class="btn btn-success
form-control" type="submit" name="issuebooksubmit"
value="Submit">
                            </form>
                    </div>
            </div>
        </div>
    </body>
</html>
```

- logout.php

```
<?php
    session_start();
if(isset($_SESSION['username'])){
        unset($_SESSION['username']);
        session_destroy();
        header("location:/project/admin/index.php");
}
else{
    header("location:/project/admin/index.php");
}
?>
```

- manage_author.php

```
<?php
session_start();

    if(!isset($_SESSION['success'])){
            header("location:index.php");
    }
    $con=mysqli_connect("localhost","root","","project");
    if(isset($_GET['del'])){
        $id=$_GET['del'];
        $sql="DELETE FROM tblauthor WHERE id = $id";

        if(mysqli_query($con,$sql)){

            header('location:manage_author.php');
        }
    }
?>
<doctype html>
  <html>
  <title>Library</title>
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width,initial-
scale=1">
   <link rel="stylesheet" type="text/css"
href="librarynew.css">
   <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
   <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
   <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

  <!-- jQuery library -->
  </head>
  <body>
  <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
   <a href="main.php" class="navbar-brand" >
       <img src="../images/logo.png">  library
```

```
    </a>
    <ul class="nav ml-auto nav-pills">
         <li class="nav-item"><a class="nav-link active"
href="main.php" class='active'>DASHBOARD</a></li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> CATEGORIES
<span class="caret"></span></a>
              <ul class="dropdown-menu">
                  <li class="nav-item"><a class="nav-link"
href="addcategory.php">ADD CATEGORY</a></li>
                   <li class="nav-item"><a class="nav-link"
href="manage_category.php">MANAGE CATEGORY</a></li>
              </ul>
          </li>
         <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> AUTHORS
<span class="caret"></span></a>
               <ul class="dropdown-menu">
                   <li class="nav-item"><a class="nav-link"
href="add_author.php">ADD AUTHOR</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manage_author.php">MANAGE AUTHORS</a></li>
                </ul>
        </li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> BOOKS <span
class="caret"></span></a>
               <ul class="dropdown-menu">
                   <li class="nav-item"><a class="nav-link"
href="add_book.php">ADD BOOK</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manage_book.php">MANAGE BOOKS</a></li>
                </ul>
       </li>
       <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#">ISSUE BOOKS
<span class="caret"></span></a>
              <ul class="dropdown-menu">
                  <li class="nav-item"><a class="nav-link"
href="issuebook.php">ISSUE NEW BOOK</a></li>
                   <li class="nav-item"><a class="nav-link"
href="manageissuebook.php">MANAGE ISSUED BOOKS</a></li>
              </ul>
      </li>
         <li class="nav-item"><a class="nav-link"
href="Registered_students.php">REGISTERED STUDENTS</a></li>
             <li class="nav-item"><a class="nav-link"
href="change_password.php">CHANGE PASSWORD</a></li>
```

```
              <li class="btn btn-danger btn-primary"><a
href="logout.php" class="nounderline">Log Out</a></li>
   </ul>
  </nav>
  <div class="container">
      <div class="row justify-content-center">
            <div class="col-xm-4 col-sm-10 col-md-14">
                <h3 class="text-center font-weight-
bold">Manage Author</h3>
                    <table class="table table-responsive" >
                        <thead class="thead-dark">
                          <tr>
                          <th>#</th>
                          <th>Author name</th>
                          <th>Creation Date</th>
                          <th>Updatation Date</th>
                          <th>Action</th>
                          </tr>
                      </thead>
                      <?php
                       $cnt=1;
                       $sql="SELECT * FROM tblauthor";
                       $result=mysqli_query($con,$sql);
                       if($result->num_rows > 0){
                           while($row = $result-
>fetch_assoc()){?>
                                <tr>
                                    <td><?php echo $cnt;?></td>
                                    <td><?php echo
$row['author_name']; ?></td>
                                    <td><?php echo
$row['creation_date']; ?></td>
                                    <td><?php echo
$row['updation_date'];?></td>
                                    <td><a
href="edit_author.php?id=<?php echo
htmlentities($row['id']);?>"><input type="button"  class="btn
btn-success" name="edit" value="Edit"> <a
href="manage_author.php?del=<?php echo $row['id'];?>"><input
type="button"  class="btn btn-danger" name="delete"
value="delete"></td>
                                </tr>
                                <?php $cnt=$cnt+1; ?>
                            <?php }} ?>


                </table>
        </div>
    </div>
```

```
</div>
</body>
</html>
<?php
if(isset($_SESSION['msg'])){
    ?>
    <strong> Success :</strong>
 <?php
 echo $_SESSION['msg'];
 unset($_SESSION['msg']);
}
if(isset($_SESSION['updatestatus'])){
    ?>
    <strong> Success :</strong>
 <?php
   echo $_SESSION['updatestatus'];
   unset($_SESSION['updatestatus']);
}
 ?>
```

- manage_book.php

```
<?php
session_start();
$con=mysqli_connect("localhost","root","","project");
if(!isset($_SESSION["success"])){
    header("location:index.php");
}
if(isset($_GET['del'])){
    $id=$_GET['del'];
    $sql="DELETE FROM tblbooks where id = $id";
    if(mysqli_query($con,$sql)){
        header("location:manage_book.php");
    }
}
?>
<doctype html>
  <html>
  <title>Library</title>
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width,initial-
scale=1">
   <link rel="stylesheet" type="text/css"
href="librarynew.css">
   <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
   <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
   <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

  <!-- jQuery library -->
  </head>
  <body>
  <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
   <a href="main.php" class="navbar-brand" >
       <img src="../images/logo.png">  library
   </a>
   <ul class="nav ml-auto nav-pills">
```

```
        <li class="nav-item"><a class="nav-link active"
href="main.php" class='active'>DASHBOARD</a></li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> CATEGORIES
<span class="caret"></span></a>
              <ul class="dropdown-menu">
                  <li class="nav-item"><a class="nav-link"
href="addcategory.php">ADD CATEGORY</a></li>
                   <li class="nav-item"><a class="nav-link"
href="manage_category.php">MANAGE CATEGORY</a></li>
              </ul>
          </li>
         <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> AUTHORS
<span class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="add_author.php">ADD AUTHOR</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manage_author.php">MANAGE AUTHORS</a></li>
                </ul>
        </li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> BOOKS <span
class="caret"></span></a>
               <ul class="dropdown-menu">
                   <li class="nav-item"><a class="nav-link"
href="add_book.php">ADD BOOK</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manage_book.php">MANAGE BOOKS</a></li>
               </ul>
       </li>
       <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#">ISSUE BOOKS
<span class="caret"></span></a>
              <ul class="dropdown-menu">
                  <li class="nav-item"><a class="nav-link"
href="issuebook.php">ISSUE NEW BOOK</a></li>
                   <li class="nav-item"><a class="nav-link"
href="manageissuebook.php">MANAGE ISSUED BOOKS</a></li>
              </ul>
      </li>
         <li class="nav-item"><a class="nav-link"
href="Registered_students.php">REGISTERED STUDENTS</a></li>
             <li class="nav-item"><a class="nav-link"
href="change_password.php">CHANGE PASSWORD</a></li>
             <li class="btn btn-danger btn-primary"><a
href="logout.php" class="nounderline">Log Out</a></li>
```

```
    </ul>
  </nav>
  <div class="container">
      <div class="row  justify-content-center">
            <div class="col-xm-4 col-sm-14 col-md-10">
          <h3 class="text-center font-weight-bold">Manage
Books</h3>
          <table class="table table-responsive">
              <thead class="thead-dark">
                  <tr>
                  <th scope="col">#</th>
                  <th scope="col">Book Name</th>
                  <th scope="col">Category</th>
                  <th scope="col">Author</th>
                  <th scope="col">ISBN</th>
                  <th scope="col">Action</th>
                  </tr>
              </thead>
              <?php
               $cnt=1;
               $sql="SELECT
tblbooks.book_name,tblcategory.categoryname,tblauthor.author_n
ame,tblbooks.isbn,tblbooks.id FROM tblbooks JOIN tblcategory
on tblbooks.category_id =tblcategory.id JOIN tblauthor on
tblauthor.id=tblbooks.author_id ";
               $result=mysqli_query($con,$sql);
               if($result->num_rows > 0){
                   while($row = $result->fetch_assoc()){?>
                     <tbody>
                      <tr>
                          <td scope="row"><?php echo
$cnt;?></td>
                          <td><?php echo $row['book_name'];
?></td>
                          <td><?php echo $row['categoryname']
?></td>
                          <td><?php echo $row['author_name'];
?></td>
                          <td><?php echo $row['isbn'];?></td>
                          <td><a href="edit_book.php?id=<?php
echo htmlentities($row['id']);?>"> <input type="button"
class="btn btn-success" name="edit" value="Edit"></a> <a
href="manage_book.php?del=<?php echo
htmlentities($row['id']);?>"><input class="btn btn-danger"
type="button" name="delete" value="delete"></td>
                      </tr>
                      <?php $cnt=$cnt+1; ?>
                      <?php } ?>
```

```
                        <?php } ?>
                        </tbody>
                </table>

                <?php if(isset($_SESSION['msg'])){ ?>
                    <strong>Success:</strong>
                    <?php echo $_SESSION['msg'];
                    unset($_SESSION['msg']);
                  }
                  if(isset($_SESSION['updatestatus'])){?>
                      <strong>Success:</strong>
                      <?php echo $_SESSION['updatestatus'];
                      unset($_SESSION['updatestatus']);
                  }
                  ?>


</body>
</html>
```

- manage_category.php

```
<?php
 session_start();

    if(!isset($_SESSION['success'])){
            header("location:index.php");
    }
    $con=mysqli_connect("localhost","root","","project");
    if(isset($_GET['del'])){
        $id=$_GET['del'];
        $sql="DELETE FROM tblcategory WHERE id = $id";
        if(mysqli_query($con,$sql)){
            $_SESSION['delmsg']="Deleted";
            header('location:manage_category.php');
        }
    }
 ?>

 <doctype html>
   <html>
   <title>Library</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width,initial-
scale=1">
    <link rel="stylesheet" type="text/css"
href="librarynew.css">
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
    <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
    <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

   <!-- jQuery library -->
   </head>
   <body>

   <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
    <a href="main.php" class="navbar-brand" >
        <img src="../images/logo.png">  library
```

```
    </a>
    <ul class="nav ml-auto nav-pills">
         <li class="nav-item"><a class="nav-link active"
href="main.php" class='active'>DASHBOARD</a></li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> CATEGORIES
<span class="caret"></span></a>
              <ul class="dropdown-menu">
                  <li class="nav-item"><a class="nav-link"
href="addcategory.php">ADD CATEGORY</a></li>
                   <li class="nav-item"><a class="nav-link"
href="manage_category.php">MANAGE CATEGORY</a></li>
              </ul>
          </li>
         <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> AUTHORS
<span class="caret"></span></a>
               <ul class="dropdown-menu">
                   <li class="nav-item"><a class="nav-link"
href="add_author.php">ADD AUTHOR</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manage_author.php">MANAGE AUTHORS</a></li>
               </ul>
        </li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> BOOKS <span
class="caret"></span></a>
               <ul class="dropdown-menu">
                   <li class="nav-item"><a class="nav-link"
href="add_book.php">ADD BOOK</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manage_book.php">MANAGE BOOKS</a></li>
               </ul>
       </li>
       <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#">ISSUE BOOKS
<span class="caret"></span></a>
              <ul class="dropdown-menu">
                  <li class="nav-item"><a class="nav-link"
href="issuebook.php">ISSUE NEW BOOK</a></li>
                   <li class="nav-item"><a class="nav-link"
href="manageissuebook.php">MANAGE ISSUED BOOKS</a></li>
              </ul>
      </li>
         <li class="nav-item"><a class="nav-link"
href="Registered_students.php">REGISTERED STUDENTS</a></li>
             <li class="nav-item"><a class="nav-link"
href="change_password.php">CHANGE PASSWORD</a></li>
```

```
                <li class="btn btn-danger btn-primary"><a
href="logout.php" class="nounderline">Log Out</a></li>


    </ul>
   </nav>
   <div class="container ">
       <div class="row justify-content-center">
           <div class="col-md-10 col-sm-14 col-xm-4">
                            <h3 class="text-center font-
weight-bold">Manage Category</h3>
                           <table class="table table-
responsive" >
                               <thead class="thead-dark">
                                   <tr>
                                   <th scope="col">#</th>
                                   <th
scope="col">Category</th>
                                   <th
scope="col">Status</th>
                                   <th scope="col">Creation
Date</th>
                                   <th scope="col">Updatation
Date</th>
                                   <th
scope="col">Action</th>
                                   </tr>
                               </thead>
                               <?php
                                $sql="";
                                $cnt=1;

                                $sql="SELECT * FROM
tblcategory";

$result=mysqli_query($con,$sql);
                                if($result->num_rows > 0){
                                    while($row = $result-
>fetch_assoc()){?>
                                   <tbody>
                                       <tr>
                                           <td
scope="row"><?php echo $cnt;?></td>
                                           <td><?php echo
$row['categoryname']; ?></td>
                                           <td><?php
if($row['status']==1){echo "active";} else{ echo "inactive";}
?></td>
```

```
                                                    <td><?php echo
$row['creationdate']; ?></td>
                                                    <td><?php echo
$row['updatedate'];?></td>
                                                    <td><a
href="edit_category.php?id=<?php echo
htmlentities($row['id']);?>"><input type="button" class="btn
btn-success" name="edit" value="Edit"> <a
href="manage_category.php?del=<?php echo
htmlentities($row['id']);?>"><input type="button" class="btn
btn-danger" name="delete" value="delete"></td>
                                                </tr>
                                                <?php $cnt=$cnt+1; ?>
                                                <?php } ?>
                                                <?php } ?>
                                                </tbody>
                                    </table>
                                </div>
                            </div>
                        </div>
                <?php
                if(isset($_SESSION['msg'])){
                    ?>
                    <strong> Success :</strong>
                 <?php
                 echo $_SESSION['msg'];
                 unset($_SESSION['msg']);
                }
                if(isset($_SESSION['updatestatus'])){
                    ?>
                    <strong> Success :</strong>
                    <?php
                    echo $_SESSION['updatestatus'];
                    unset($_SESSION['updatestatus']);
                }?>
                <?php
                if(isset($_SESSION['delmsg'])){
                    ?>
                    <strong> Success :</strong>
                    <?php
                    echo $_SESSION['delmsg'];
                    unset($_SESSION['delmsg']);
                }?>

    </body>
    </html>
```

- manage_issuebook.php

```
<?php
session_start();
$con=mysqli_connect("localhost","root","","project");
if(!isset($_SESSION["success"])){
    header("location:index.php");
}

?>

<doctype html>
  <html>
  <title>Library</title>
       <meta charset="utf-8">
       <meta name="viewport" content="width=device-
width,initial-scale=1">
       <link rel="stylesheet" type="text/css"
href="librarynew.css">
       <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
       <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
       <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
       <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

  <!-- jQuery library -->
  </head>
  <body>
  <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
       <a href="main.php" class="navbar-brand" >
             <img src="../images/logo.png">  library
       </a>
       <ul class="nav ml-auto nav-pills">
         <li class="nav-item"><a class="nav-link active"
href="main.php" class='active'>DASHBOARD</a></li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> CATEGORIES
<span class="caret"></span></a>
             <ul class="dropdown-menu">
```

```
                    <li class="nav-item"><a class="nav-link"
href="addcategory.php">ADD CATEGORY</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manage_category.php">MANAGE CATEGORY</a></li>
                </ul>
            </li>
          <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> AUTHORS
<span class="caret"></span></a>
                 <ul class="dropdown-menu">
                     <li class="nav-item"><a class="nav-link"
href="add_author.php">ADD AUTHOR</a></li>
                      <li class="nav-item"><a class="nav-link"
href="manage_author.php">MANAGE AUTHORS</a></li>
                 </ul>
         </li>
         <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> BOOKS <span
class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="add_book.php">ADD BOOK</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manage_book.php">MANAGE BOOKS</a></li>
                </ul>
        </li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#">ISSUE BOOKS
<span class="caret"></span></a>
               <ul class="dropdown-menu">
                   <li class="nav-item"><a class="nav-link"
href="issuebook.php">ISSUE NEW BOOK</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manageissuebook.php">MANAGE ISSUED BOOKS</a></li>
                </ul>
      </li>
         <li class="nav-item"><a class="nav-link"
href="Registered_students.php">REGISTERED STUDENTS</a></li>
             <li class="nav-item"><a class="nav-link"
href="change_password.php">CHANGE PASSWORD</a></li>
             <li class="btn btn-danger btn-primary"><a
href="logout.php" class="nounderline">Log Out</a></li>


      </ul>
  </nav>
  <div class="container">
      <div class="row  justify-content-center">
            <div class="col-xm-4 col-sm-14 col-md-10">
```

```
            <h3 class="text-center font-weight-bold">Manage
Issued Book</h3>

            <table class="table table-responsive">
                <thead class="thead-dark">
                    <tr>
                    <th scope="col">#</th>
                    <th scope="col">Student Name</th>
                    <th scope="col">Book Name</th>
                    <th scope="col">ISBN</th>
                    <th scope="col">Issue Date</th>
                    <th scope="col">Return date</th>
                    <th scope="col">Action</th>
                    </tr>
                </thead>
                <tbody>
                    <?php
                      $cnt=1;
                      $sql="SELECT
register.FullName,tblbooks.book_name,tblbooks.isbn,tblissueboo
k.issue_date,tblissuebook.return_date,tblissuebook.return_stat
us,tblissuebook.id FROM tblissuebook JOIN tblbooks on
tblissuebook.book_id =tblbooks.id JOIN register on
register.id=tblissuebook.student_id ";
                      $result=mysqli_query($con,$sql);

                            if($result->num_rows > 0){
                                while($row = $result-
>fetch_assoc()){?>
                                  <tbody>
                                   <tr>
                                       <td scope="row"><?php
echo $cnt;?></td>
                                       <td><?php echo
$row['FullName']; ?></td>
                                       <td><?php echo
$row['book_name'] ?></td>
                                       <td><?php echo
$row['isbn']; ?></td>
                                        <td><?php echo
$row['issue_date'];?></td>
                                       <td><?php
if($row['return_status']==1){echo "Not Return Yet";}else{echo
$row['return_date'];}?></td>
                                       <td><a
href="edit_issuebook.php?id=<?php echo
htmlentities($row['id']);?>"> <input type="button" class="btn
btn-success" name="edit" value="Edit"></a> </td>
                                   </tr>
```

```
                                        <?php $cnt=$cnt+1; ?>
                                        <?php } ?>
                                        <?php } ?>
                    </tbody>
                </table>
            </div>
        </div>
    </div>
     </body>
      </html>
```

- registered_students.php

```
<?php
session_start();
$con=mysqli_connect("localhost","root","","project");
if(!isset($_SESSION['success'])){
    header("location:index.php");
}
if(isset($_GET['sid'])){
    $id=$_GET['sid'];
    $sql="SELECT Status FROM register WHERE id='$id'";
    $res=mysqli_query($con,$sql);
    if($res->num_rows > 0){
        while($row = $res->fetch_assoc()){

        if($row['Status']==1){
            $status=0;
        }
        else if($row['Status']==0){
            $status=1;
        }
    }
    }
        $sql="UPDATE register SET Status='$status' WHERE
id='$id'";
        if(mysqli_query($con,$sql)){
            header("location:Registered_students.php");
        }

}

?>
<doctype html>
  <html>
  <title>Library</title>
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width,initial-
scale=1">
   <link rel="stylesheet" type="text/css"
href="librarynew.css">
   <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
   <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
```

```
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
   <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

  <!-- jQuery library -->
  </head>
  <body>

  <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
   <a href="main.php" class="navbar-brand" >
       <img src="../images/logo.png">  library
   </a>
   <ul class="nav ml-auto nav-pills">
        <li class="nav-item"><a class="nav-link active"
href="main.php" class='active'>DASHBOARD</a></li>
       <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> CATEGORIES
<span class="caret"></span></a>
              <ul class="dropdown-menu">
                  <li class="nav-item"><a class="nav-link"
href="addcategory.php">ADD CATEGORY</a></li>
                   <li class="nav-item"><a class="nav-link"
href="manage_category.php">MANAGE CATEGORY</a></li>
              </ul>
          </li>
         <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> AUTHORS
<span class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="add_author.php">ADD AUTHOR</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manage_author.php">MANAGE AUTHORS</a></li>
                </ul>
        </li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> BOOKS <span
class="caret"></span></a>
               <ul class="dropdown-menu">
                   <li class="nav-item"><a class="nav-link"
href="add_book.php">ADD BOOK</a></li>
                    <li class="nav-item"><a class="nav-link"
href="manage_book.php">MANAGE BOOKS</a></li>
               </ul>
       </li>
```

```
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#">ISSUE BOOKS
<span class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="issuebook.php">ISSUE NEW BOOK</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manageissuebook.php">MANAGE ISSUED BOOKS</a></li>
                </ul>
      </li>
         <li class="nav-item"><a class="nav-link"
href="Registered_students.php">REGISTERED STUDENTS</a></li>
              <li class="nav-item"><a class="nav-link"
href="change_password.php">CHANGE PASSWORD</a></li>
              <li class="btn btn-danger btn-primary"><a
href="logout.php" class="nounderline">Log Out</a></li>


   </ul>
  </nav>
  <div class="container ">
      <div class="row justify-content-center">
          <div class="col-md-10 col-sm-14 col-xm-4">
          <h3 class="text-center font-weight-bold">Registered
Students</h3>
                  <table  class="table table-responsive">
                      <thead class="thead-dark">
                      <tr>
                      <th scope="col">#</th>
                      <th scope="col">Student ID</th>
                      <th scope="col">Student Name</th>
                      <th scope="col">Username</th>
                      <th scope="col">Email</th>
                      <th scope="col">Status</th>
                      <th scope="col" scope="col">Registration
Date</th>
                      <th scope="col">Action</th>
                      </tr>
                  </thead>
                  <?php
                   $cnt=1;
                   $sql="SELECT * FROM register";
                   $result=mysqli_query($con,$sql);
                   if($result->num_rows > 0){
                       while($row = $result->fetch_assoc())
                           {?>
                             <tbody>
                             <tr>
```

```
                                    <td scope="row"><?php echo
htmlspecialchars("$cnt"); ?></td>
                                    <td><?php echo $row['id'];
?></td>
                                    <td><?php echo $row['FullName'];
?></td>
                                    <td><?php echo $row['UserName'];
?></td>
                                    <td><?php echo $row['Email'];
?></td>
                                    <td><?php
if($row['Status']==1){echo "active";} else{ echo "inactive"; }
?></td>
                                    <td><?php echo
$row['Registration_date']; ?></td>
                                    <td><a
href="Registered_students.php?sid=<?php echo
htmlentities($row['id']);?>"><input type="button"
name="status" class="<?php if($row['Status']==1){ echo "btn
btn-danger";} else { echo "btn btn-success"; } ?>"
value="<?php if($row['Status']==1){ echo "inactive";} else {
echo "active"; } ?>"></td>
                                </tr>
                            </tbody>
                                <?php $cnt=$cnt+1; }} ?>
                        </table>
                    </div>
                </div>
            </div>
</body>
</html>
```

- change_password.php

```
<Doctype html>
  <html>
    <head>
        <title>Login form Design</title>
             <meta charset="utf-8">
             <meta name="viewport" content="width=device-
width,initial-scale=1">
             <?php include('server.php'); ?>
             <link rel="stylesheet" type="text/css"
href="librarynew.css">
             <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
             <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
             <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
             <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

        <!-- jQuery library -->
        </head>
        <body>
        <nav class="navbar navbar-expand-sm navbar-dark bg-
dark">
             <a href="index.php" class="navbar-brand" >
                   <img src="images/logo.png">  library
             </a>
             <ul class="nav ml-auto nav-pills">

               <li class="nav-item"><a class="nav-link active"
href="main.php">DASHBOARD</a></li>

              <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#about">BOOK
CATEGORIES<span class="caret"></span></a>
                  <ul class="dropdown-menu">
                      <?php


$con=mysqli_connect("localhost","root","","project");
                        $sql="SELECT id,categoryname FROM
tblcategory";
```

```
                            $result=mysqli_query($con,$sql);
                            if($result->num_rows > 0){
                                while($row = $result-
>fetch_assoc()){?>
                                        <li class="nav-item"><a
class="nav-link" href="viewbook.php?id=<?php echo
htmlentities($row['id']);?>"> <?php echo $row["categoryname"];
?></a></li>

                            <?php }} ?>

                        </ul>
                    </li>
                    <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> ACCOUNT
<span class="caret"></span></a>
                        <ul class="dropdown-menu">
                            <li class="nav-item"><a class="nav-
link" href="my-account.php">MY ACCOUNT</a></li>
                            <li class="nav-item"><a class="nav-
link" href="change-password.php">CHANGE_PASSWORD</a></li>
                        </ul>
                    </li>
                    <li class="nav-item"><a class="nav-link"
href="#about">ISSUED BOOKS</a></li>
                    <button class="btn btn-danger navbar-btn"><a
href="logout.php" class="nounderline">Log Out</a></button>
                </ul>
            </nav>
        </head>
    </body>
</html>

<div class="welcomenote">
    <?php
    if(session_status() != PHP_SESSION_ACTIVE){
        session_start();
    }
        if(!isset($_SESSION['success'])){
                header("location:index.php");
        }
     ?>
</div>
```

- index.php

```
<Doctype html>
<html>
 <title>Library</title>
       <meta charset="utf-8">
       <meta name="viewport" content="width=device-
width,initial-scale=1">
             <?php include('server.php'); ?>
                   <link rel="stylesheet" type="text/css"
                href="librarynew.css">
                   <link rel="stylesheet"
             href="https://stackpath.bootstrapcdn.com/bootstrap
             /4.3.1/css/bootstrap.min.css">
                   <script
             src="https://code.jquery.com/jquery-
             3.3.1.slim.min.js" ></script>
                   <script
             src="https://cdnjs.cloudflare.com/ajax/libs/popper
             .js/1.14.7/umd/popper.min.js"></script>
                   <script
             src="https://stackpath.bootstrapcdn.com/bootstrap/
             4.3.1/js/bootstrap.min.js"></script>

               <!-- jQuery library -->
               </head>
               <body>
               <nav class="navbar navbar-expand-sm navbar-dark
             bg-dark">
                   <a href="#" class="navbar-brand" >
                         <img src="images/logo.png">  library
                   </a>
                   <ul class="nav ml-auto nav-pills">
                     <li class="nav-item"><a class="nav-link
             active" href="index.php">Home</a></li>
                     <li class="nav-item"><a class="nav-link"
             href="Register.php">Student Register</a></li>
                     <li class="nav-item"><a class="nav-link"
             href="login.php">Student login</a></li>
                     <li class="nav-item"><a class="nav-link"
             href="#about">About</a></li>
                   </ul>
               </nav>
               <div class="container-fluid bg">
               </div>
              </body>
               </html>
```

- issued_book.php

```
<Doctype html>
  <html>
    <head>
     <title>Login form Design</title>
            <meta charset="utf-8">
      <meta name="viewport"
content="width=device-width,initial-scale=1">
      <?php include('server.php'); ?>
            <link rel="stylesheet"
type="text/css"href="librarynew.css">
            <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap
/4.3.1/css/bootstrap.min.css">
            <script
src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
            <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper
.js/1.14.7/umd/popper.min.js"></script>
            <script
src="https://stackpath.bootstrapcdn.com/bootstrap/
4.3.1/js/bootstrap.min.js"></script>

      <!-- jQuery library -->
      </head>
      <body>
      <nav class="navbar navbar-expand-sm navbar-
dark bg-dark">
       <a href="index.php" class="navbar-brand" >
            <img src="images/logo.png">  library
            </a>
            <ul class="nav ml-auto nav-pills">

              <li class="nav-item"><a class="nav-
link active" href="main.php">DASHBOARD</a></li>

             <li class="nav-item dropdown"><a
class="nav-link dropdown-toggle" data-
toggle="dropdown" href="#about">BOOK
CATEGORIES<span class="caret"></span></a>
                  <ul class="dropdown-menu">
                     <?php
```

```
$con=mysqli_connect("localhost","root","","project
");
                        $sql="SELECT
id,categoryname FROM tblcategory";

$result=mysqli_query($con,$sql);
                        if($result->num_rows > 0){
                            while($row = $result-
>fetch_assoc()){?>
                                <li class="nav-
item"><a class="nav-link"
href="viewbook.php?id=<?php echo
htmlentities($row['id']);?>"> <?php echo
$row["categoryname"]; ?></a></li>

                        <?php }} ?>

                    </ul>
                </li>
                <li class="nav-item dropdown"><a
class="nav-link dropdown-toggle" data-
toggle="dropdown" href="#"> ACCOUNT <span
class="caret"></span></a>
                    <ul class="dropdown-menu">
                        <li class="nav-item"><a
class="nav-link" href="my-account.php">MY
ACCOUNT</a></li>
                        <li class="nav-item"><a
class="nav-link" href="change-
password.php">CHANGE_PASSWORD</a></li>
                    </ul>
                </li>
                <li class="nav-item"><a class="nav-
link" href="issued-book.php">ISSUED BOOKS</a></li>
                <button class="btn btn-danger
navbar-btn"><a href="logout.php"
class="nounderline">Log Out</a></button>
            </ul>
        </nav>

  </body>
</html>

<div class="welcomenote">
    <?php
    if(session_status() != PHP_SESSION_ACTIVE){
        session_start();
    }
```

```
                    if(!isset($_SESSION['success'])){
                            header("location:index.php");
                    }
                ?>
            </div>
```

- login.php

```
<html>
<head>
<title>Login form Design</title>
	<meta charset="utf-8">
	<meta name="viewport" content="width=device-
width,initial-scale=1">
	<?php include('server.php'); ?>
	<link rel="stylesheet" type="text/css"
href="librarynew.css">
	<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
	<script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
	<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
	<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

<!-- jQuery library -->
</head>
<body>
<nav class="navbar navbar-expand-sm navbar-dark bg-dark">
	<a href="#" class="navbar-brand" >
		<img src="images/logo.png">  library
	</a>
	<ul class="nav ml-auto nav-pills">
	  <li class="nav-item"><a class="nav-link active"
href="index.php">Home</a></li>
	  <li class="nav-item"><a class="nav-link"
href="Register.php">Student Register</a></li>
	  <li class="nav-item"><a class="nav-link"
href="login.php">Student login</a></li>
	  <li class="nav-item"><a class="nav-link"
href="#about">About</a></li>
	</ul>
</nav>
<div class="container-fluid bg-blur">
	<div class="row justify-content-center">
		<div class="col-12 col-sm-4 col-md-4 " >
			<form  method="post" action="<?php echo
$_SERVER['PHP_SELF'] ?>" class="form-container img-form" >
```

```
                    <h3 class="text-center font-weight-
bold">Login Form</h3>
                            <p class="bg-danger"><?php
include('registerError.php'); ?></p>
                        <div class="form-group">
                            <input type="text" class="form-
control" name="runame" placeholder="Enter Username" required>
                        </div>
                        <div class="form-group">
                            <input type="password" class="form-
control" name="rpass"  placeholder="Enter Password" required>
                        </div>
                        <br>
                        <button type="submit" name="login"
class="btn btn-success btn-block">Submit</button>
                    </form>

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

- logout.php

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

- manage_issue_book.php

```
<?php
session_start();
$con=mysqli_connect("localhost","root","","project");
if(!isset($_SESSION["success"])){
    header("location:index.php");
}

?>

<doctype html>
  <html>
  <title>Library</title>
       <meta charset="utf-8">
       <meta name="viewport" content="width=device-
width,initial-scale=1">
       <link rel="stylesheet" type="text/css"
href="librarynew.css">
       <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
       <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
       <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
       <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

  <!-- jQuery library -->
  </head>
  <body>
  <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
       <a href="main.php" class="navbar-brand" >
             <img src="../images/logo.png">  library
       </a>
       <ul class="nav ml-auto nav-pills">
         <li class="nav-item"><a class="nav-link active"
href="main.php" class='active'>DASHBOARD</a></li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> CATEGORIES
<span class="caret"></span></a>
              <ul class="dropdown-menu">
                  <li class="nav-item"><a class="nav-link"
href="addcategory.php">ADD CATEGORY</a></li>
```

```
                    <li class="nav-item"><a class="nav-link"
href="manage_category.php">MANAGE CATEGORY</a></li>
                </ul>
            </li>
          <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> AUTHORS
<span class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="add_author.php">ADD AUTHOR</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manage_author.php">MANAGE AUTHORS</a></li>
                </ul>
        </li>
        <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> BOOKS <span
class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="add_book.php">ADD BOOK</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manage_book.php">MANAGE BOOKS</a></li>
                </ul>
       </li>
       <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#">ISSUE BOOKS
<span class="caret"></span></a>
                <ul class="dropdown-menu">
                    <li class="nav-item"><a class="nav-link"
href="issuebook.php">ISSUE NEW BOOK</a></li>
                     <li class="nav-item"><a class="nav-link"
href="manageissuebook.php">MANAGE ISSUED BOOKS</a></li>
                </ul>
      </li>
         <li class="nav-item"><a class="nav-link"
href="Registered_students.php">REGISTERED STUDENTS</a></li>
              <li class="nav-item"><a class="nav-link"
href="change_password.php">CHANGE PASSWORD</a></li>
              <li class="btn btn-danger btn-primary"><a
href="logout.php" class="nounderline">Log Out</a></li>


      </ul>
  </nav>
  <div class="container">
      <div class="row  justify-content-center">
            <div class="col-xm-4 col-sm-14 col-md-10">
          <h3 class="text-center font-weight-bold">Manage
Issued Book</h3>
```

```
            <table class="table table-responsive">
                <thead class="thead-dark">
                    <tr>
                    <th scope="col">#</th>
                    <th scope="col">Student Name</th>
                    <th scope="col">Book Name</th>
                    <th scope="col">ISBN</th>
                    <th scope="col">Issue Date</th>
                    <th scope="col">Return date</th>
                    <th scope="col">Action</th>
                    </tr>
                </thead>
                <tbody>
                    <?php
                      $cnt=1;
                      $sql="SELECT
register.FullName,tblbooks.book_name,tblbooks.isbn,tblissuebook.issue_date,tblissuebook.return_date,tblissuebook.return_status,tblissuebook.id FROM tblissuebook JOIN tblbooks on tblissuebook.book_id =tblbooks.id JOIN register on register.id=tblissuebook.student_id ";
                      $result=mysqli_query($con,$sql);

                            if($result->num_rows > 0){
                                while($row = $result->fetch_assoc()){?>
                                  <tbody>
                                   <tr>
                                       <td scope="row"><?php echo $cnt;?></td>
                                       <td><?php echo $row['FullName']; ?></td>
                                       <td><?php echo $row['book_name'] ?></td>
                                       <td><?php echo $row['isbn']; ?></td>
                                        <td><?php echo $row['issue_date'];?></td>
                                       <td><?php if($row['return_status']==1){echo "Not Return Yet";}else{echo $row['return_date'];}?></td>
                                       <td><a href="edit_issuebook.php?id=<?php echo htmlentities($row['id']);?>"> <input type="button" class="btn btn-success" name="edit" value="Edit"></a> </td>
                                   </tr>
                                <?php $cnt=$cnt+1; ?>
                                <?php } ?>
```

```
                                    <?php } ?>
                    </tbody>
                </table>
            </div>
        </div>
    </div>
     </body>
      </html>
```

- my_account.php

```
<Doctype html>
  <html>
    <head>
        <title>Login form Design</title>
             <meta charset="utf-8">
             <meta name="viewport" content="width=device-
width,initial-scale=1">
             <?php include('server.php'); ?>
             <link rel="stylesheet" type="text/css"
href="librarynew.css">
             <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
             <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
             <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
             <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

        <!-- jQuery library -->
        </head>
        <body>
        <nav class="navbar navbar-expand-sm navbar-dark bg-
dark">
             <a href="index.php" class="navbar-brand" >
                   <img src="images/logo.png">  library
             </a>
             <ul class="nav ml-auto nav-pills">

               <li class="nav-item"><a class="nav-link active"
href="main.php">DASHBOARD</a></li>

              <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#about">BOOK
CATEGORIES<span class="caret"></span></a>
                  <ul class="dropdown-menu">
                      <?php


$con=mysqli_connect("localhost","root","","project");
                        $sql="SELECT id,categoryname FROM
tblcategory";
```

```
                            $result=mysqli_query($con,$sql);
                            if($result->num_rows > 0){
                                while($row = $result-
>fetch_assoc()){?>
                                        <li class="nav-item"><a
class="nav-link" href="viewbook.php?id=<?php echo
htmlentities($row['id']);?>"> <?php echo $row["categoryname"];
?></a></li>

                            <?php }} ?>

                        </ul>
                    </li>
                    <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> ACCOUNT
<span class="caret"></span></a>
                        <ul class="dropdown-menu">
                            <li class="nav-item"><a class="nav-
link" href="my-account.php">MY ACCOUNT</a></li>
                            <li class="nav-item"><a class="nav-
link" href="change-password.php">CHANGE_PASSWORD</a></li>
                        </ul>
                    </li>
                    <li class="nav-item"><a class="nav-link"
href="issued-book.php">ISSUED BOOKS</a></li>
                    <button class="btn btn-danger navbar-btn"><a
href="logout.php" class="nounderline">Log Out</a></button>
                </ul>
            </nav>

  </body>
</html>

    <?php
    if(session_status() != PHP_SESSION_ACTIVE){
        session_start();
    }
        if(!isset($_SESSION['success'])){
                header("location:index.php");
        }
     ?>
```

- register.php

```
<html>
<head>
<title>Login form Design</title>
	<meta charset="utf-8">
	<meta name="viewport" content="width=device-
width,initial-scale=1">
	<?php include('server.php'); ?>
	<link rel="stylesheet" type="text/css"
href="librarynew.css">
	<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
	<script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
	<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
	<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

<!-- jQuery library -->
</head>
<body>
	<nav class="navbar navbar-expand-sm navbar-dark bg-
dark">
		<a href="#" class="navbar-brand" >
			<img src="images/logo.png">  library
		</a>
		<ul class="nav ml-auto nav-pills">
		  <li class="nav-item"><a class="nav-link active"
href="index.php">Home</a></li>
		  <li class="nav-item"><a class="nav-link"
href="Register.php">Student Register</a></li>
		  <li class="nav-item"><a class="nav-link"
href="login.php">Student login</a></li>
		  <li class="nav-item"><a class="nav-link"
href="#about">About</a></li>
		</ul>
	</nav>
	<div class="container-fluid bg-blur">
		<div class="row justify-content-center">
			<div class="col-12 col-sm-4 col-md-4 " >
			  <form method="post"  action="<?php echo
$_SERVER['PHP_SELF'] ?>" class="form-container img-form">
```

```
                        <h3 class="text-center font-weight-
bold">Registration</h3>
                          <p class="bg-danger"><?php
include('registerError.php'); ?></p>

                       <div class="form-group">

                          <br><input type="text" class="form-
control" name="rname" placeholder="Enter Full name" required>
                       </div>

                       <div class="form-group">

                          <input type="text"  class="form-
control" name="runame" placeholder="Enter Username" required>
                       </div>

                       <div class="form-group">

                          <input type="email" class="form-
control" name="remail" placeholder="Enter Email" required>
                       </div>

                       <div class="form-group">

                          <input type="password" class="form-
control" name="rpass" placeholder="Enter Password" required>
                       </div>

                       <div class="form-group">

                          <input type="password" class="form-
control" name="rrepass" placeholder="Enter Password" required>
                       </div>

                       <div class="form-group">
                          <input type="submit" class="form-
control btn btn-success" name="register" value="Register">
                       </div>
                       </form>

    </body>
  </html>
```

- register_error.php

```
<?php if(count($errors) > 0): ?>
    <div class="error">
            <?php foreach ($errors as $error):?>
                <p class="bg-danger"><?php echo "$error";?><p>
                <?php endforeach ?>
    </div>
<?php endif ?>
```

- server.php

```
<?php

session_start();

$name=$email=$username=$password=$repassword=$status=$sql=" ";
$errors = array();
$con= mysqli_connect('localhost','root','','project');
if(isset($_POST['register'])){
        $name=mysqli_real_escape_string($con,$_POST['rname']);

$username=mysqli_real_escape_string($con,$_POST['runame']);

$email=mysqli_real_escape_string($con,$_POST['remail']);


$password=mysqli_real_escape_string($con,$_POST['rpass']);

$repassword=mysqli_real_escape_string($con,$_POST['rrepass']);

        if ($password!=$repassword){
                array_push($errors,"*Inncorrect password");
            }
        $sql="SELECT id FROM register WHERE
UserName='$username'";
        $result=mysqli_query($con,$sql);
        if($result->num_rows > 0){
            array_push($errors,"*Username Already Used");
        }
```

```
        if (count($errors)==0){
            $sql= "INSERT INTO register
(id,FullName,UserName,Email,Password,Status,Registration_date)
                        VALUES
('','$name','$username','$email','$password','1','')";
            if(mysqli_query($con,$sql)){

            header('location:login.php');
            }

        }


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

$username=mysqli_real_escape_string($con,$_POST['runame']);
    $password=mysqli_real_escape_string($con,$_POST['rpass']);
    $sql="SELECT * FROM register WHERE UserName = '$username'
AND Password = '$password'";
    $result= mysqli_query($con,$sql);
    if($result->num_rows > 0){
        while($row=$result->fetch_assoc()){
            $_SESSION['stdid']=$row['id'];
        }
        $_SESSION['username']=$username;
        $_SESSION['success']="You are successfully logged in";

        header('location:my-account.php');
    }
    else{
        array_push($errors,"Invalid username/password");
    }

}


?>
```

- view_book.php

```
<Doctype html>
  <html>
    <head>
        <title>Login form Design</title>
             <meta charset="utf-8">
             <meta name="viewport" content="width=device-
width,initial-scale=1">
             <?php include('server.php'); ?>
             <link rel="stylesheet" type="text/css"
href="librarynew.css">
             <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/b
ootstrap.min.css">
             <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" ></script>
             <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/u
md/popper.min.js"></script>
             <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/boo
tstrap.min.js"></script>

        <!-- jQuery library -->
        </head>
        <body>
        <nav class="navbar navbar-expand-sm navbar-dark bg-
dark">
             <a href="index.php" class="navbar-brand" >
                   <img src="images/logo.png">  library
             </a>
             <ul class="nav ml-auto nav-pills">

               <li class="nav-item"><a class="nav-link active"
href="main.php">DASHBOARD</a></li>

              <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#about">BOOK
CATEGORIES<span class="caret"></span></a>
                  <ul class="dropdown-menu">
                      <?php


$con=mysqli_connect("localhost","root","","project");
                        $sql="SELECT id,categoryname FROM
tblcategory";
```

```
                        $result=mysqli_query($con,$sql);
                        if($result->num_rows > 0){
                            while($row = $result-
>fetch_assoc()){?>
                                <li class="nav-item"><a
class="nav-link" href="viewbook.php?id=<?php echo
htmlentities($row['id']);?>"> <?php echo $row["categoryname"];
?></a></li>
                        <?php }} ?>

                    </ul>
                </li>
                <li class="nav-item dropdown"><a class="nav-link
dropdown-toggle" data-toggle="dropdown" href="#"> ACCOUNT
<span class="caret"></span></a>
                    <ul class="dropdown-menu">
                        <li class="nav-item"><a class="nav-
link" href="my-account.php">MY ACCOUNT</a></li>
                        <li class="nav-item"><a class="nav-
link" href="change-password.php">CHANGE_PASSWORD</a></li>
                    </ul>
                </li>
                <li class="nav-item"><a class="nav-link"
href="issued-book.php">ISSUED BOOKS</a></li>
                <button class="btn btn-danger navbar-btn"><a
href="logout.php" class="nounderline">Log Out</a></button>
            </ul>
        </nav>
        <div class="container">
            <div class="row  justify-content-center">
                  <div class="col-xm-4 col-sm-14 col-md-10">
                <h3 class="text-center font-weight-bold">Book
Details</h3>

                <table class="table table-responsive">
                    <thead class="thead-dark">
                        <tr>
                        <th scope="col">#</th>
                        <th scope="col">Book Name</th>
                        <th scope="col">Book author</th>
                        <th scope="col">Book category</th>
                        <th scope="col">ISBN</th>
                        </tr>
                    </thead>
                    <tbody>
                        <?php
                          $id=$_GET['id'];
                          $cnt=1;
```

```
                            $sql="SELECT
tblbooks.book_name,tblbooks.isbn,tblauthor.author_name,tblcate
gory.categoryname FROM tblbooks JOIN tblcategory on
tblbooks.category_id = tblcategory.id JOIN tblauthor on
tblbooks.author_id = tblauthor.id where
tblbooks.category_id=$id";
                            $result=mysqli_query($con,$sql);

                                if($result->num_rows > 0){
                                    while($row = $result-
>fetch_assoc()){?>
                                      <tbody>
                                       <tr>
                                           <td
scope="row"><?php echo $cnt;?></td>
                                           <td><?php echo
$row['book_name']; ?></td>
                                           <td><?php echo
$row['author_name'] ?></td>
                                           <td><?php echo
$row['categoryname']; ?></td>
                                            <td><?php echo
$row['isbn'];?></td>
                                       </tr>
                                    <?php $cnt=$cnt+1; ?>
                                    <?php } ?>
                                    <?php } ?>
                        </tbody>
                    </table>
                </div>
            </div>
        </div>

    </body>
</html>


    <?php
    if(session_status() != PHP_SESSION_ACTIVE){
        session_start();
    }
        if(!isset($_SESSION['success'])){
                header("location:index.php");
        }
     ?>
```

CHAPTER 6

TESTING

Unit and System tests have been conducted for the current application.

Unit / System Testing:

SL. #	Page / Test Case	Expected Outcome	Actual outcome	Remark/s
1	index.php	When http://localhost:80/main/ is entered in the browser, it should load the index.php with Different book categories	As expected as shown in screen above.	Cleared
2	Admin/index.php	When http://localhost:80/admin/ is entered in the browser, it should load the login page for administrator	As expected as shown in screen above.	Cleared
3	Manage_category.php	Should display books belonging to selected category	As expected as shown in screen above.	Cleared
4	Admin/ Registered_students.php	When students list link is clicked, it should show the existing students in database	As expected as shown in screen above.	Cleared
5	Admin/index.php	When order list link is clicked, it should show the existing orders in database	As expected as shown in screen snapshot of 4.8	Cleared

CHAPTER 7

OTHERS

7.1 LIMITATIONS

Security for online transactions is extremely important. However, for this version of the developed software, we were unable to provide secure transaction feature using SSL due, in part, lack of time.

This version has limited functionality in terms of what is expected from a fully working website. In future the project could be enhanced to incorporate missing features.

7.2 CONCLUSION

ONLINE LIBRARY MANAGEMENT SYSTEM is a thinned down version of a Library for referring to the books of the library of an institution online. It works more like a prototype for showing how essential features could work. However, for a one semester project, our project guide and department head have determined that the features shown/implemented are adequate in terms of applying the skills learned during the years of undergraduate studies.

7.3 BIBLIOGRAPHY

1. GeeksforGeek.com.

2. Tutorialspoint.com

3. Xampp website.

4. Bootstrap.com.

5. Teachers Guide.