

A Project Report On

“LIBRARY MANAGEMENT SYSTEM”

Submitted in Partial Fulfillment of
BACHELOR OF COMPUTER APPLICATION

By

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ARKA JAIN UNIVERSITY

JAMSHEDPUR, JHARKHAND

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY
2019-2022

CERTIFICATE

This is to certify that the project entitled, "**Library Management System**", is bonafide work of "**RITESH KUMAR**" bearing **Enrollment No: AJU/190371** submitted in partial fulfillment of the requirements for the award of degree of **BACHELOR OF COMPUTER APPLICATION** from **ARKA JAIN UNIVERSITY, JHARKHAND**.


Internal Guide


Coordinator

Date: 28/05/2022



University Seal

INTERNSHIP CERTIFICATE



ULTRAINFO TECHNOLOGIES
ENGINEERS

Ref. No: ITD-PI-0322-001

Date: 07-03-2022

PROJECT INTERNSHIP LETTER

TO WHOM IT MAY CONCERN

This is to certify that Mr. **Ritesh Kumar**, a student of ARKA JAIN University, Jharkhand, Jamshedpur has successfully completed his Project Internship/Training (Virtual) with our organization as a **Full Stack Web Developer** during the period of January 2022 to February 2022.

The topic of the project was:

“Library Management System”

The Frontend and backend used for project development was HTML, CSS, JQuery, Bootstrap, PHP, MYSQL.

During this period of internship/training, he was found to be honest, creative & able to perform all his duties perfectly on the project.

We wish him all the best in all his future accomplishments.

For ULTRAINFO TECHNOLOGIES



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ABSTRACT

Library Management System is a system which maintains the information about the books present in the library, their authors, the members of library to whom books are issued, library staff and all. This is very difficult to organize manually. Maintenance of all this information manually is a very complex task. Owing to the advancement of technology, organization of an Online Library becomes much simple. The Library Management has been designed to computerize and automate the operations performed over the information about the members, book issues and returns and all other operations. This computerization of library helps in many instances of its maintenances. It reduces the workload of management as most of the manual work done is reduced.

ACKNOWLEDGEMENT

I would like to express my sincere gratitude to several individuals and organization for supporting me throughout the completion of my project.

First, I wish to express my sincere gratitude to my mentor (Ms. Alka Kumari) for her enthusiasm patience, insightful comments, helpful information, practical advices and unceasing ideas that have helped me tremendously at all times in my Project and writing of these thesis. Her immense knowledge, profound experience and professional expertise in Backend has enabled me to complete this project successfully. Without her support and guidance, this project would not have been possible.

I am also thankful to our respected HOD Dr. Arvind Kumar Pandey and all faculty members for loving inspiration and timely guidance. I also wish to express my sincere thanks to the Department of Computer science & Information technology of ARKA JAIN UNIVERSITY for accepting this project.

Thanks for all your encouragement!

DECLARATION

I hereby declare that the Project entitled "LIBRARY MANAGEMENT SYSTEM" done at ARKA JAIN UNIVERSITY has not been in any case duplicated to submit to any other university for the award of any degree. To the best of my knowledge other than me, no one has submitted to any other university. This project is done in partial fulfilment of the requirement for the award of degree of BACHELOR OF COMPUTER APPLICATION to be submitted as final semester project as part of our curriculum.

Ritesh Kumar
Signature

Ritesh Kumar

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CHAPTER 1

INTRODUCTION

This chapter gives an overview about the aim, objectives and background of the system.

1.1 PROJECT AIMS AND OBJECTIVE

The project aims and objectives that will be achieved after completion of this project are discussed in this subchapter. The aims and objectives are as follows:

- A search column to search availability of books.
- Facility to request required book.
- A feedback page where student can give feedback.
- An add books page where admin can add new books.
- Automatic fine calculation if there has been delayed in book returning.

1.2 BACKGROUND OF PROJECT

Library Management System is an application which refers to library systems which are generally small or medium in size. It is used by librarian to manage the library using a computerized system where he/she can record various transactions like issue of books, return of books, addition of new books, addition of new students etc. Books and student maintenance modules are also included in this system which would keep track of the students using the library and also a detailed description about the books a library contains. With this computerized system there will be no loss of book record or member record which generally happens when a non-computerized system is used.

CHAPTER 2

SYSTEM ANALYSIS

In this chapter, we will discuss and analyse about the developing process of Library Management System including software requirement specification (SRS) and comparison between existing and proposed system . The functional and non-functional requirements are included in SRS part to provide complete description and overview of system requirement before the developing process is carried out. Besides that, existing vs proposed provides a view of how the proposed system will be more efficient than the existing one.

2.1 SOFTWARE REQUIREMENT SPECIFICATION

2.1.1 GENERAL DESCRIPTION

PRODUCT DESCRIPTION:

Library Management System is a computerized system which helps user(librarian) to manage the library daily activity in electronic format. It reduces the risk of paper work such as file lost, file damaged and time consuming. It can help user to manage the transaction or record more effectively and time- saving.

PROBLEM STATEMENT:

The problem occurred before having computerized system includes:

- **File lost:** When computerized system is not implemented file is always lost because of human environment. Sometimes due to some human error there may be a loss of records.
- **File damaged:** When a computerized system is not there file is always lost due to some accident like spilling of water by some member on file accidentally. Besides some natural disaster like floods or fires may also damage the files.
- **Difficult to search record:** When there is no computerized system there is always a difficulty in searching of records if the records are large in number .

- Space consuming: After the number of records become large the space for physical storage of file and records also increases if no computerized system is implemented.
- Cost consuming: As there is no computerized system the to add each record paper will be needed which will increase the cost for the management of library.

2.1.2 SYSTEM OBJECTIVES

- Improvement in control and performance: The system is developed to cope up with the current issues and problems of library. The system can add user, validate user and is also bug free.
- Save cost: After computerized system is implemented less human force will be required to maintain the library thus reducing the overall cost.
- Save time: Librarian is able to search record by using few clicks of mouse and few search keywords thus saving his valuable time.

2.1.3 SYSTEM REQUIREMENTS

- 2.1.3.1 NON FUNCTIONAL REQUIREMENTS

PRODUCT REQUIREMENT

1) EFFICIENCY REQUIREMENT:

When a library management system will be implemented librarian and user will easily access library as searching and book transaction will be very faster.

2) RELIABILITY REQUIREMENT:

The system should accurately performs member registration, member validation, report generation, book transaction and search

3) USABILITY REQUIREMENT

The system is designed for a user friendly environment so that student and staff of library can perform the various tasks easily and in an effective way.

- 2.1.3.2 FUNCTIONAL REQUIREMENTS

1) NORMAL USER

1.1 USER LOGIN

Description of feature

This feature used by the user to login into system. They are required to enter username and password before they are allowed to enter the system .The username and password will be verified and if invalid id is there user is allowed to not enter the system.

Functional requirements

- The system must only allow user with valid username and password to enter the system
- The system performs authorization process which decides what user level can access to.
- The user must be able to logout after they finished using system.

1.2 REGISTER NEW USER

Description of feature

This feature can be performed by all users to register new user to create account.

Functional requirements

- System must be able to verify information.
- System must be able to delete information if information is wrong.

1.3 ISSUE BOOK

Description of feature

This feature allows to issue books from the library.

Functional requirements

- System must be able to verify information
- System must be able for book availability into table.

1.4 SEARCH BOOK

Description of feature

This feature is found in books part. We can search book based on book id.

Functional requirements

-System must be able to search the database based on select search type.

-System must be able to filter book based on book id i.e. bid entered.

-System must be able to show the filtered book in table view.

2.2 HARDWARE REQUIREMENTS

- Intel core i5 2nd generation is used as a processor because it is fast than other processors and provide reliable and stable and we can run our pc for longtime. By using this processor we can keep on developing our project without any worries.
- Ram 4gb is used as it will provide fast reading and writing capabilities and will in turn support in processing.

Existing System:

- Early days Libraries are managed manually. It required lot of time to record or to retrieve the details. The employees who have to record the details must perform their job very carefully. Even a small mistake would create a lot of problems. Security of information is very less. Report generations of all the information is very tough task.
- Maintenance of Library catalogue and arrangement of the books to the catalogue is very complex task. In addition to its maintenance of member details, issue dates and return dates etc. manually is a complex task.

- All the operations must be performed in perfect manner for the maintenance of the library without any degradation which may finally result in the failure of the entire system.

Proposed System:

To solve the inconveniences as mentioned in the existing system, an Online Library is proposed. The proposed system contains the following features:

- The students will register them through Online
- Individually each member will have his account through which he can access the information he needs.
- Book details like authors, number of copies totally maintained by library, present available number of books, reference books, non-reference books etc. all this information can be made handy.
- Regarding the members designation, number of books was issued.
- Issue dates and returns of each member is maintained separately and fine charged if there is any delay in returning the book.
- Administrator can add, update the books.
- Time consuming is low, gives accurate results, reliability can be improved with the help of security.

2.3 SOFTWARE REQUIREMENT

- Operating system- Windows 7 is used as the operating system as it is stable and supports more features and is more user friendly.
- Database MYSQL-MYSQL is used as database as it easy to maintain and retrieve records by simple queries which are in English language which are easy to understand and easy to write.
- Development tools and Programming language- HTML is used to write the whole code and develop web pages with css, javascript for styling work and php for sever side scripting.

2.4 JUSTIFICATION OF SELECTION OF TECHNOLOGY

2.4.1 XAMPP

XAMPP is a free and open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages.

2.4.2 LANGUAGE

- **HTML:** Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser. It can be assisted technologies such as Cascading Style Sheets and scripting languages such as JavaScript.
- **CSS:** Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.
- **Bootstrap:** Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS and JavaScript-based design templates for typography, forms, buttons, modals navigation, and other interface components.
- **JavaScript:** JavaScript is a programming language that conforms to the ECMA Script specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. Curly bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.
- **PHP:** Php is a server-side scripting language. that is used to develop Static websites or Dynamic websites or Web applications. PHP stands for Hypertext Pre-processor, that earlier stood for Personal Home Pages. PHP scripts can only be interpreted on a server that has PHP installed.
- **jQuery:** jQuery is a JavaScript library designed to simplify HTML DOM tree traversal and manipulation, as well as event handling, CSS animation, and Ajax.

2.4.3 MySQL

MySQL is an open-source relational database management system. Its name is a combination of "My", the name of co-founder Michael Widenius's daughter, and "SQL", the abbreviation for Structured Query Language. This application is widely used for purposes, including data warehousing, e-commerce and logging applications. The data in MySQL databases are stored in the form of tables. It helps the admins to collect the data in an easy way. One of the reasons MySQL is the world's most popular open source database is that it provides comprehensive support for every application development need. ... MySQL also provides connectors and drivers (ODBC, JDBC, etc.) that allow all forms of applications to make use of MySQL as a preferred data management server.

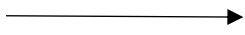
2.5 DATA FLOW DIAGRAM (DFD)

DFD is an important tool used by system analysis. A data flow diagram model, a system using external entities from which data flows to a process which transforms the data and create output data transforms which go to other processes or external entities such as files. The main merit of DFD is that it can provide an overview of what data a system would process.

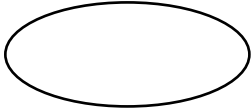
SYMBOLS

- A Circle represents a process that transforms incoming data flow into outgoing data flows.
- A Square defines a source or destination of system data.
- An Arrow identifies data flow direction. It is the pipeline through which the information flows.
- An Open Rectangle is a data store, data at rest or a temporary repository of data.

Data flow diagram symbol



Data Flow - Data flow are pipelines through the packets of information flow.



Process - A Process or task performed by the system.



Entity - Entity are object of the system. A source or destination data of a system.

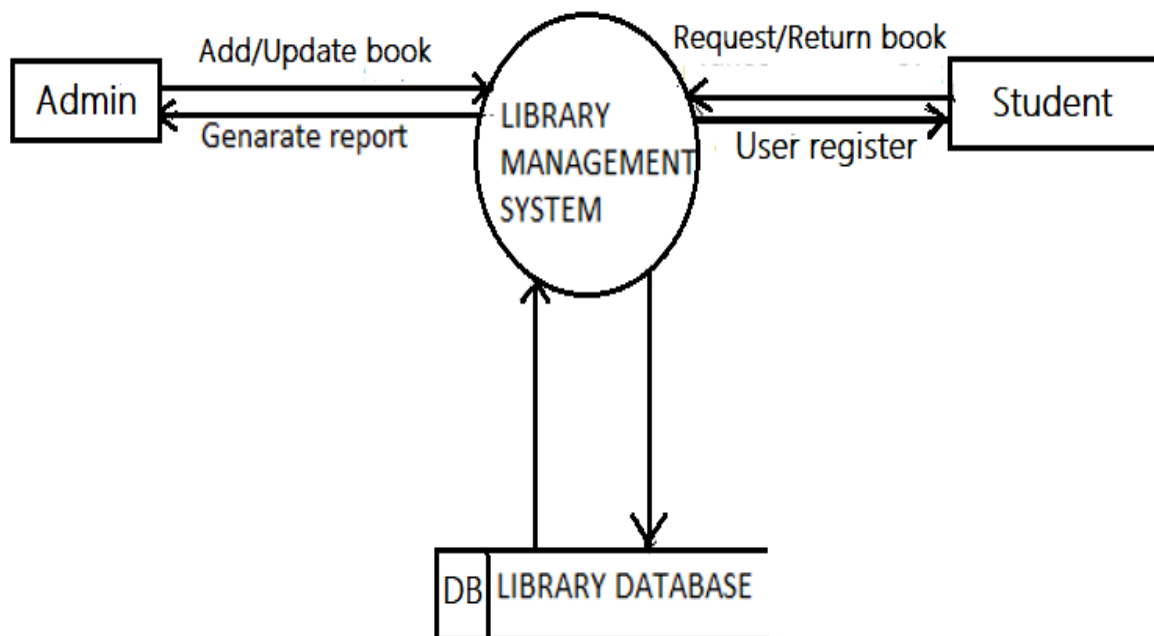


Data Store - A place where data to be stored.



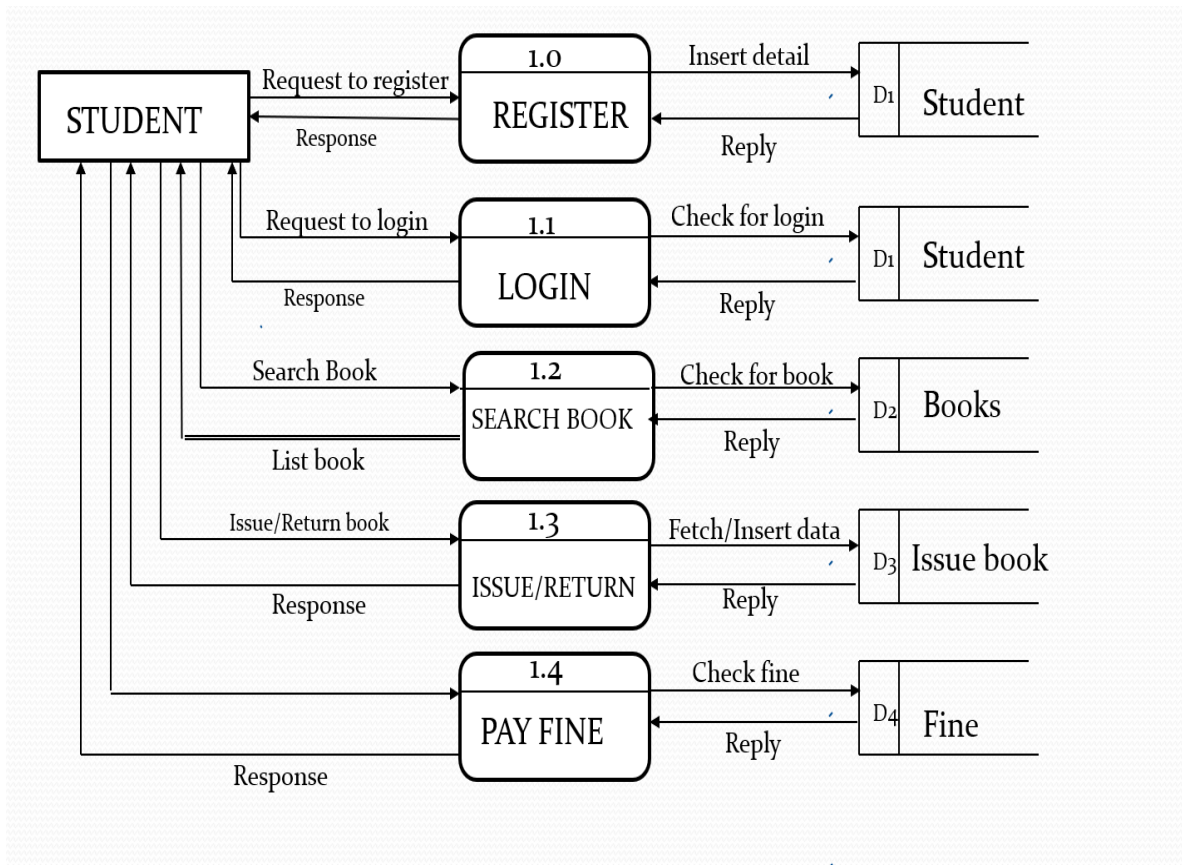
CONTEXT LEVEL DFD:

The context level data flow diagram (dfd) is describe the whole system. The (0) level dfd describe the all user module who operate the system. Below data flow diagram of online library management site shows the two user can operate the system Admin and Member user.

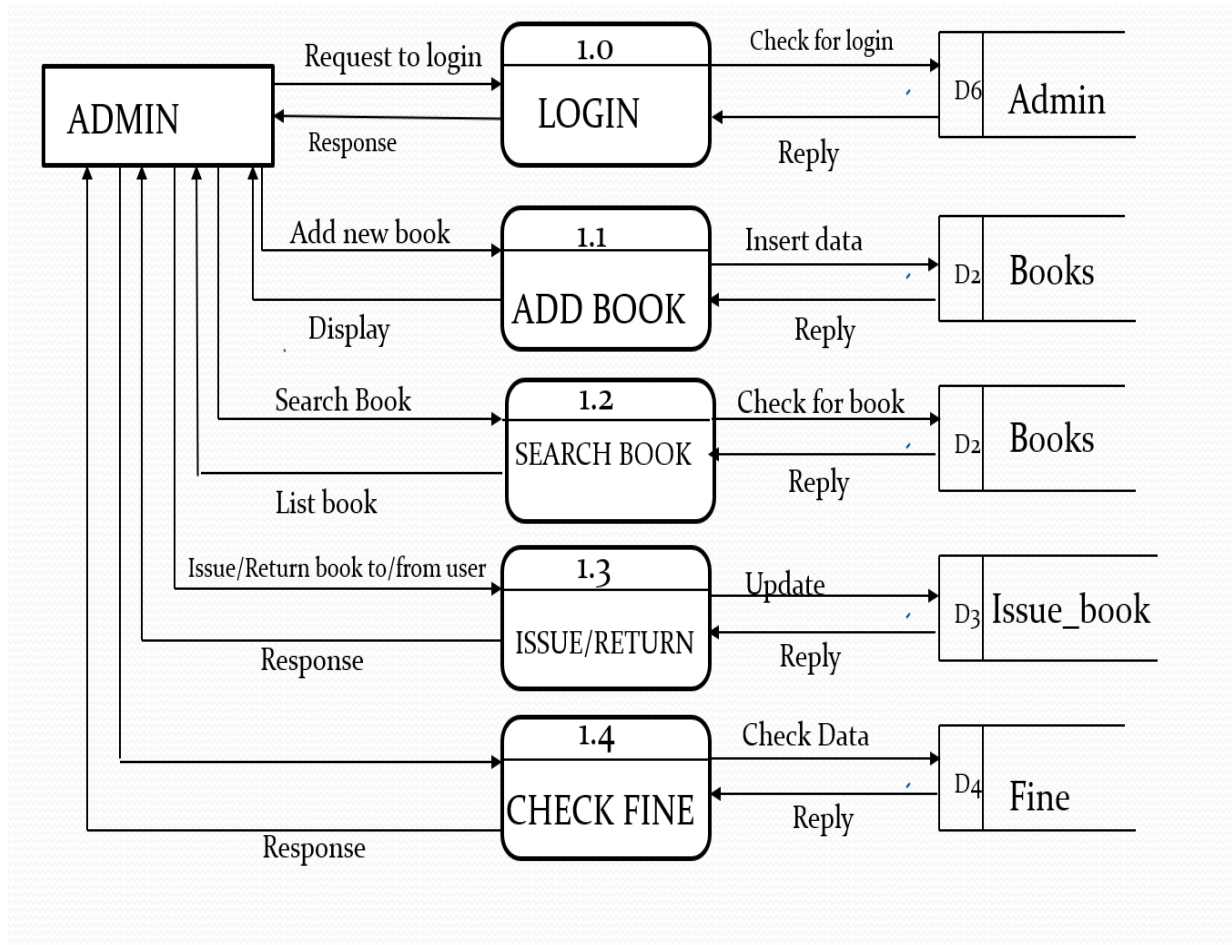


Level 0 DFD

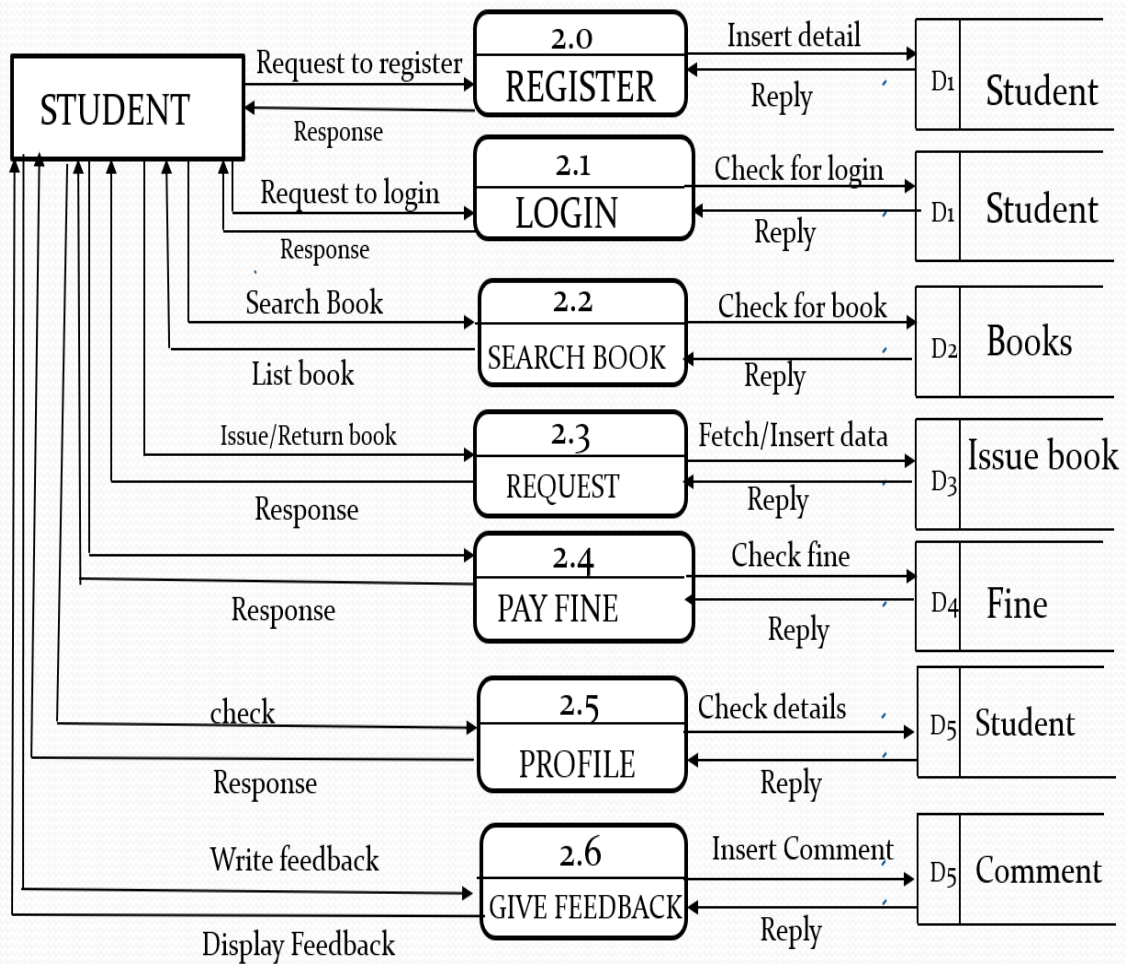
DFD LEVEL 1-STUDENT



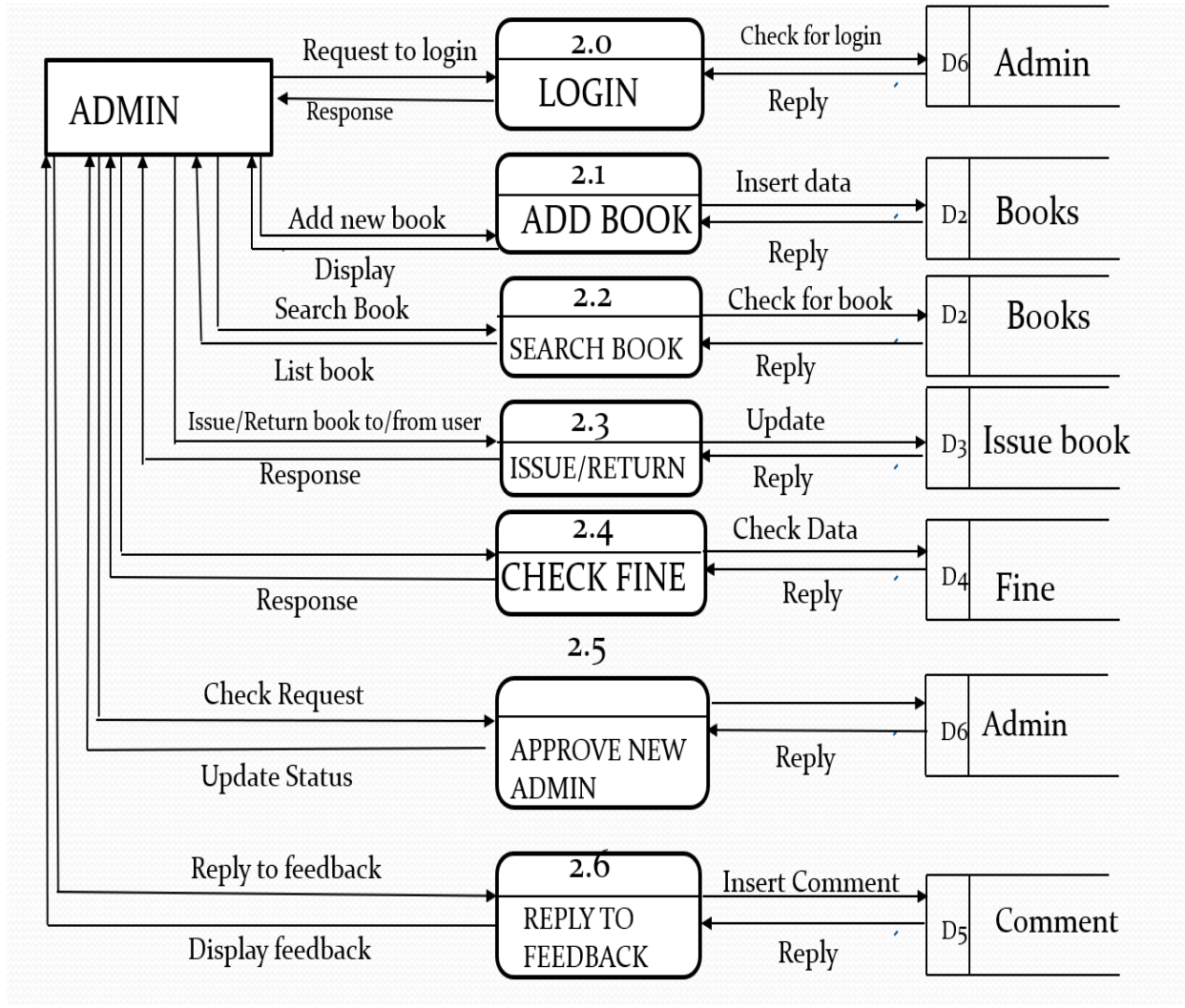
DFD LEVEL 1-ADMIN



DFD LEVEL 2-STUDENT



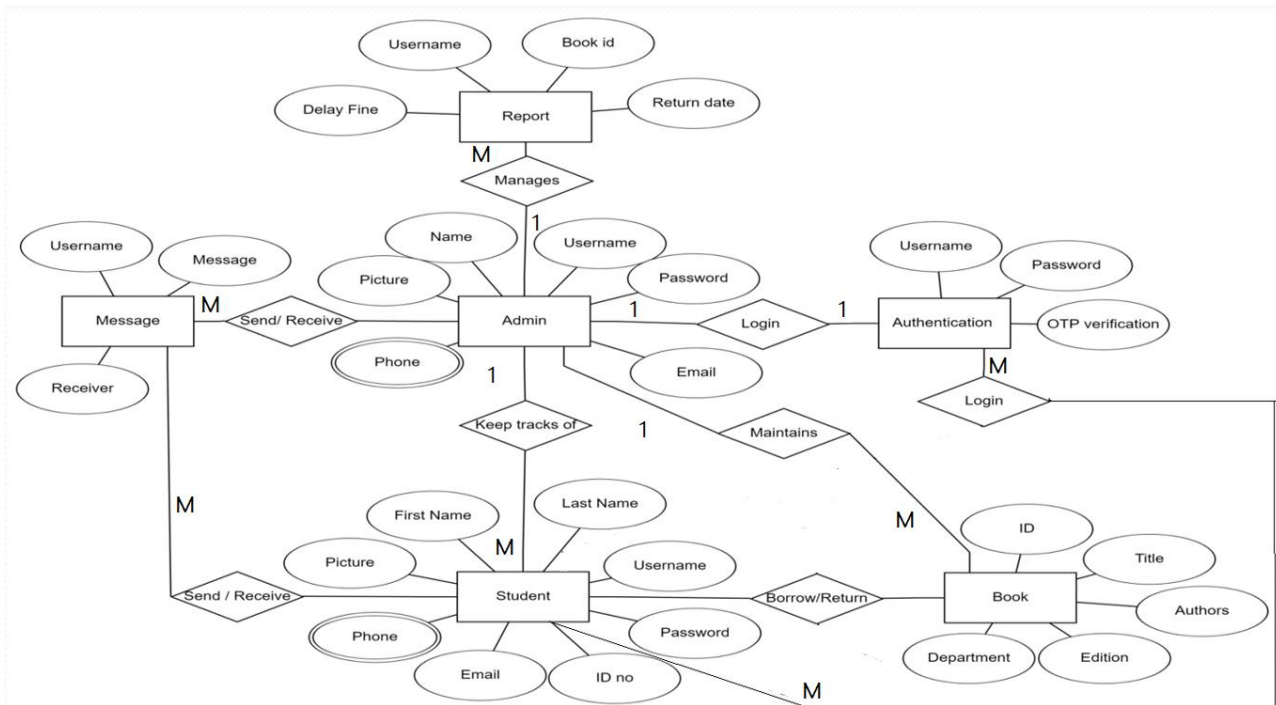
DFD LEVEL 2-ADMIN



CHAPTER 3

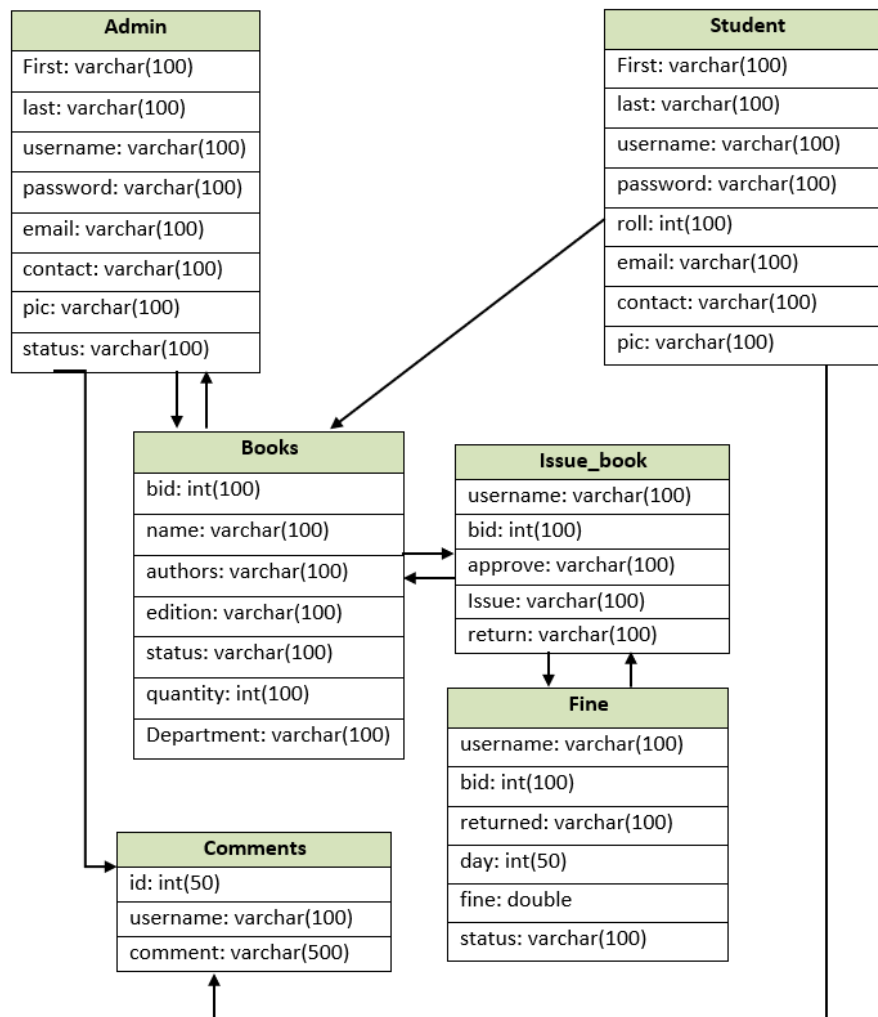
SYSTEM DESIGN

3.1 ER DIAGRAM



3.2 DATABASE NORMALIZATION

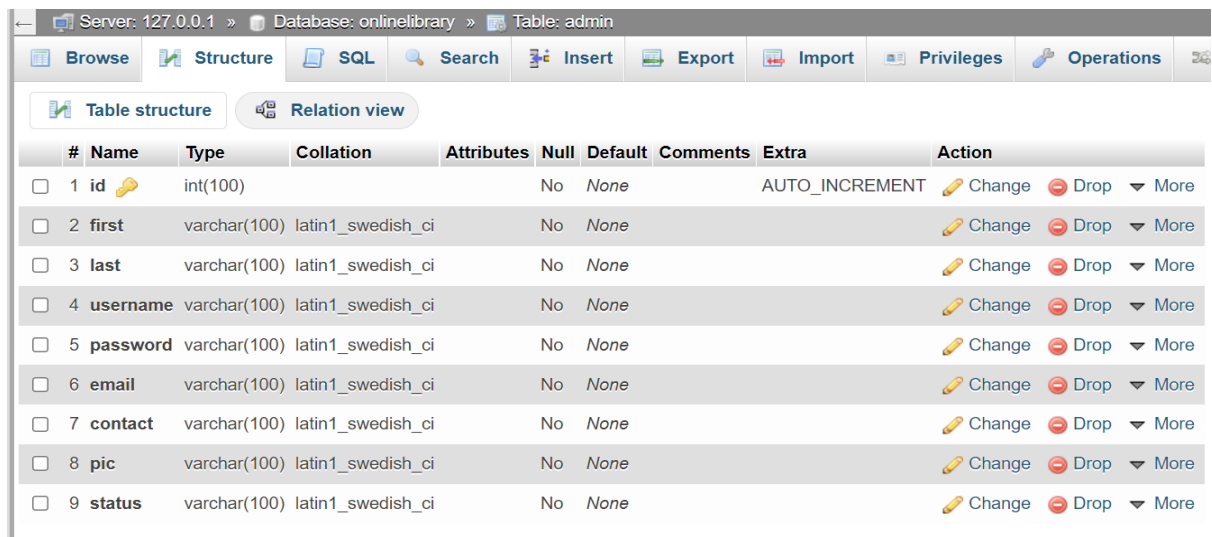
Normalization is a database design technique that reduces data redundancy and eliminates undesirable characteristics like Insertion, Update and Deletion Anomalies. Normalization rules divides larger tables into smaller tables and links them using relationships. The purpose of Normalisation in SQL is to eliminate redundant (repetitive) data and ensure data is stored logically.



3.3 DATA DICTIONARY

A data dictionary, or metadata repository, as defined in the IBM Dictionary of Computing, is a "centralized repository of information about data such as meaning, relationships to other data, origin, usage, and format". Oracle defines it as a collection of tables with metadata.

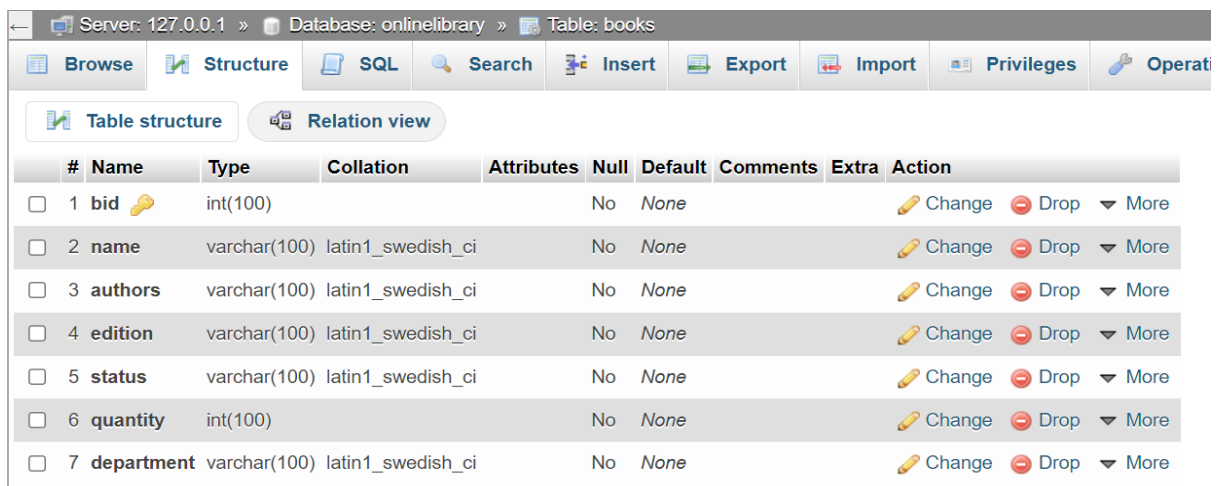
Admin Table



The screenshot shows a database management interface for the 'admin' table. The table has 9 columns: #, Name, Type, Collation, Attributes, Null, Default, Comments, Extra, and Action. The 'id' column is the primary key and has the 'AUTO_INCREMENT' attribute. All other columns are VARCHAR(100) with a 'latin1_swedish_ci' collation.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(100)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 first	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	3 last	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	4 username	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	5 password	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	6 email	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	7 contact	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	8 pic	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	9 status	varchar(100)	latin1_swedish_ci		No	None			Change Drop More

Books Table



The screenshot shows a database management interface for the 'books' table. The table has 7 columns: #, Name, Type, Collation, Attributes, Null, Default, Comments, Extra, and Action. The 'bid' column is the primary key. All other columns are VARCHAR(100) with a 'latin1_swedish_ci' collation, except for 'quantity' which is INT(100).

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 bid	int(100)			No	None			Change Drop More
<input type="checkbox"/>	2 name	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	3 authors	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	4 edition	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	5 status	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	6 quantity	int(100)			No	None			Change Drop More
<input type="checkbox"/>	7 department	varchar(100)	latin1_swedish_ci		No	None			Change Drop More

Comments Table

Server: 127.0.0.1 » Database: onlinelibrary » Table: comments

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)
[Triggers](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	int(50)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	username	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/> 3	comment	varchar(500)	latin1_swedish_ci		No	None			Change Drop More

Check all
 With selected:
 [Browse](#)
[Change](#)
[Drop](#)
[Primary](#)
[Unique](#)
[Index](#)
[Spatial](#)
[Fulltext](#)

Fine Table

Server: 127.0.0.1 » Database: onlinelibrary » Table: fine

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)
[Triggers](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	username	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/> 2	bid	int(100)			No	None			Change Drop More
<input type="checkbox"/> 3	returned	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/> 4	day	int(50)			No	None			Change Drop More
<input type="checkbox"/> 5	fine	double			No	None			Change Drop More
<input type="checkbox"/> 6	status	varchar(100)	latin1_swedish_ci		No	None			Change Drop More

Issue Book Table

Server: 127.0.0.1 » Database: onlinelibrary » Table: issue_book

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)
[Triggers](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	username	varchar(100)	latin1_swedish_ci		No	None		Change Drop More
<input type="checkbox"/>	2	bid	int(100)		No	None			Change Drop More
<input type="checkbox"/>	3	approve	varchar(100)	latin1_swedish_ci		No	None		Change Drop More
<input type="checkbox"/>	4	issue	varchar(100)	latin1_swedish_ci		No	None		Change Drop More
<input type="checkbox"/>	5	return	varchar(100)	latin1_swedish_ci		No	None		Change Drop More

Check all
 With selected:
 [Browse](#)
[Change](#)
[Drop](#)
[Primary](#)
[Unique](#)
[Index](#)
[Spatial](#)
[Fulltext](#)

Students Table

Server: 127.0.0.1 » Database: onlinelibrary » Table: student

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)
[Triggers](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	first	varchar(100)	latin1_swedish_ci		No	None		Change Drop More
<input type="checkbox"/>	2	last	varchar(100)	latin1_swedish_ci		No	None		Change Drop More
<input type="checkbox"/>	3	username	varchar(100)	latin1_swedish_ci		No	None		Change Drop More
<input type="checkbox"/>	4	password	varchar(100)	latin1_swedish_ci		No	None		Change Drop More
<input type="checkbox"/>	5	roll	int(100)		No	None			Change Drop More
<input type="checkbox"/>	6	email	varchar(100)	latin1_swedish_ci		No	None		Change Drop More
<input type="checkbox"/>	7	contact	varchar(100)	latin1_swedish_ci		No	None		Change Drop More
<input type="checkbox"/>	8	pic	varchar(100)	latin1_swedish_ci		No	None		Change Drop More

Check all
 With selected:
 [Browse](#)
[Change](#)
[Drop](#)
[Primary](#)
[Unique](#)
[Index](#)
[Spatial](#)
[Fulltext](#)

CHAPTER 4

PROGRAM CODE AND TESTING

4.1 PROGRAM CODE

LOGIN-PAGE.CSS

```
*{
    margin: 0;
    transition: all 0.3s;
    padding: 0;
    box-sizing: border-box;
}

input, select{
    vertical-align: middle;
}

header{
    margin: 0;
    padding: 0ch;
    position: sticky;
    top: 0;
    left: 0;
    background: #fafafa;
    display: block;
    width: 100%;
    z-index: 9;
}

.site-logo{
    margin-top: 4px
}

section{
    height: 80vh;
    width: 100vw;
    background-color: grey;
    display: flex;
```

```
        justify-content: center;
    }
    .nav{
        width: 100vw;
        padding: 10px 10px;
        display: flex;
        justify-content: space-between;
        background-color: lightsteelblue;
    }
    .nav-items{
        display: flex;
        align-items: center;
    }

    .links-container{
        display: flex;
        flex-wrap: nowrap;
        overflow: hidden;
        padding: 10px;
        justify-content: center;
        align-items: center;
        list-style: none;
    }

    .link{
        text-transform: capitalize;
        padding: 0 10px;
        margin: 0 5px;
        line-height: 1.42857143;
        font-size: 16px;
        font-weight: 500;
        text-decoration: none;
        color: #383838;
        opacity: 0.5;
        transition: .4s;
    }

    .link:hover{
```

```

        opacity: 1;
        text-decoration: none;
        transition: 0.2s;
    }

    .link-item a.active{
        opacity: 1;
        font-weight: bold;
        outline: 0;
        border-bottom: .2px solid #383838;
    }

    .home-img{
        background-image: url(Images/front_page.jpg);
        background-repeat: no-repeat;
        background-size: cover;
        width: 100vw;
        height: 100%;
    }

    /* -----student login----- */

    .log_img{
        height: 650px;
        margin-top: 0;
        width: 100vw;
        background-image: url(Images/login_page.jpg);
        background-repeat: no-repeat;
        background-size: cover;
    }

    .box1{
        margin: 5vh auto;
        max-height: 60vh;
        max-width: 450px;
        background-color: black;
        opacity: .6;
    }

```

```

        color: white;
        padding: 20px;
    }

    .box1-reg{
        margin: 5vh auto;
        max-height: 80vh;
        max-width: 450px;
        background-color: black;
        opacity: .6;
        color: white;
        padding: 20px;
    }

    .box1 h1, .box1-reg h1{
        text-align: center;
        font-size: 35px;
        text-transform: capitalize;
    }

    .login input.btn {
        width: 60%;
        margin: 0 20%;
        height: 34px;
        padding: 6px 12px;
        outline: none;
        font-size: 18px;
        line-height: 1.42857143;
        background-color: #fff;
        font-weight: 800;
        border-radius: 4px;
        color: black;
        margin-bottom: 10px;
        transition: border-color ease-in-out .15s,box-shadow ease-in-out .15s,-
webkit-box-shadow ease-in-out .15s;
    }

    .form-footer{
        color: white;

```



```

padding-left: 15px;
display: flex;
justify-content: space-between;
}

.form-footer a{
color: white;
text-transform: capitalize;
}

/* -----register form----- */

.reg_img{
height: 650px;
margin-top: 0;
width: 100vw;
background-image: url(Images/register_page.jpg);
background-repeat: no-repeat;
background-size: cover;
}

```

LOGIN.PHP

```

<?php
include "connection.php";
include "navbar.php";
?>

<!DOCTYPE html>
<html>
<head>

<title>Student Login</title>
<link rel="stylesheet" type="text/css" href="style.css">
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">

```

```

    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></scrip
t>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></sc
ript>

<style type="text/css">
    section
    {
        margin-top: -20px;
    }
    .box1
    {
        height: 500px;
        width: 450px;
        background-color: black;
        margin: 0px auto;
        opacity: .8;
        color: white;
        padding: 20px;
    }
    label{
        font-size: 18px;
        font-weight: 600;
    }
</style>
</head>
<body>

<section>
    <div class="log_img">
    <br>
    <div class="box1">
        <h1 style="text-align: center; font-size: 35px;font-family: Lucida
Console;">Library Management System</h1>

```

```

        <h1 style="text-align: center; font-size: 25px;">User Login
Form</h1><br>
        <form name="login" action="" method="post">
            <b><p style="padding-left: 50px; font-size:15px; font-
weight:700;">Login as:</p></b>
                <input style="margin-left: 50px; width:18px;" type="radio" name="user"
id="admin" value="admin">
                <label for="admin">Admin</label>
                <input style="margin-left: 50px; width:18px;" type="radio" name="user"
id="student" value="student">
                <label for="student">Student</label>

                <div class="login">
                    <input class="form-control" type="text" name="username"
placeholder="Username" required=""> <br>
                    <input class="form-control" type="password" name="password"
placeholder="Password" required=""> <br>
                    <input class="btn btn-default" type="submit" name="submit"
value="Login" style="color: black; width: 70px; height: 30px">
                </div>

                <p style="color: white; padding-left: 15px;">
                    <br><br>
                    <a style="color:yellow; text-decoration: none;"
href="update_password.php">Forgot password?</a> &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;
                    New to this website?<a style="color: yellow; text-decoration: none;"
href="registration.php">&nbsp;Sign Up</a>
                </p>
            </form>
        </div>
    </div>
</section>

<?php

    if(isset($_POST['submit']))
    {
        if($_POST['user']=='admin')

```

```

    {
        $count=0;
        $res=mysqli_query($db,"SELECT * FROM `admin` WHERE
username='$_POST[username]' && password='$_POST[password]' and
`status`='yes'");

        $row= mysqli_fetch_assoc($res);

        $count=mysqli_num_rows($res);

        if($count==0)
        {
            ?>
                <!--
                <script type="text/javascript">
                    alert("The username and password doesn't match.");
                </script>
                -->
                <div class="alert alert-danger" style="width: 600px; margin-left:
370px; background-color: #de1313; color: white">
                    <strong>The username and password doesn't match</strong>
                </div>
                <?php
            }
        else
        {
            /*-----if username & password matches----*/

            $_SESSION['login_user'] = $_POST['username'];
            $_SESSION['pic'] = $row['pic'];

            ?>
                <script type="text/javascript">
                    window.location="Admin_/profile.php"
                </script>
                <?php
            }
        }
    }

```

```

else{
$count=0;
$res=mysqli_query($db,"SELECT * FROM `student` WHERE
username='$_POST[username]' && password='$_POST[password]';");

$row= mysqli_fetch_assoc($res);
$count=mysqli_num_rows($res);

if($count==0)
{
?>
<!--
<script type="text/javascript">
alert("The username and password doesn't match.");
</script>
-->
<div class="alert alert-danger" style="width: 600px; margin-left:
370px; background-color: #de1313; color: white">
<strong>The username and password doesn't match</strong>
</div>
<?php
}
else
{
$_SESSION['login_user'] = $_POST['username'];
$_SESSION['pic'] = $row['pic'];
?>
<script type="text/javascript">
window.location="Student_/profile.php"
</script>
<?php
}
}
?>

</body>
</html>

```

REGISTRATION.PHP

```
<?php
    include "connection.php";
    include "navbar.php";
?>

<!DOCTYPE html>
<html>
<head>

    <title> Registration</title>
    <link rel="stylesheet" type="text/css" href="style.css">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

    <style type="text/css">
        section
        {
            margin-top: -20px;
            height: 630px;
            width: 1350px;
            background-image: url("images/register_page.jpg");
            background-repeat: no-repeat;
            background-size: cover;
        }
        .box{
            height: 400px;
            width: 450px;
            background-color: black;
            margin: 0px auto;
            opacity: .8;
            color: white;
            padding: 25px;
```

```

    }
    label{
        font-size: 18px;
        font-weight: 600px;
    }
</style>
</head>
<body>

<section>
    <br><br><br>
    <div class="box">
        <form name="signup" action="" method="post">
            <b><p style="padding-left: 50px; font-size:15px; font-weight:700;">Sign
up as:</p></b>
            <input style="margin-left: 50px; width:18px;" type="radio" name="user"
id="admin" value="admin">
            <label for="admin">Admin</label>
            <input style="margin-left: 50px; width:18px;" type="radio" name="user"
id="student" value="student">
            <label for="student">Student</label>
            <button class="btn btn-default" type="submit" name="submit1"
style="color:black; font-weight:700px;
height:30px; width:70px">OK</button>
        </form>
    </div>
    <?php
if(isset($_POST['submit1']))
{
    if($_POST['user']=='admin')
    {
        ?>
        <script type="text/javascript">
            window.location="Admin_/registration.php"
        </script>
    <?php
}
else{

```

```
    ?>
      <script type="text/javascript">
        window.location="Student_/registration.php"
      </script>
    <?php
  }
}
?>
</section>

</body>
</html>
```


ADMIN SIDE

CONNECTION.PHP

```
<?php
    $db=mysqli_connect("localhost","root","","onlinelibrary");
        /* server name, username, passwor, database name */
?>
```

NAVBAR.PHP

```
<?php
    session_start();
    include "connection.php";
?>
<!DOCTYPE html>
<html>
<head>
    <title>
</title>
    <link rel="stylesheet" type="text/css" href="style.css">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="bootstrap/css/bootstrap.min.css">
</head>
<body>
    <?php
        $sql_app= mysqli_query($db,"SELECT COUNT(`status`) as total FROM `admin`
where `status`=' '");
        $a=mysqli_fetch_assoc($sql_app);
    ?>
    <nav class="navbar navbar-inverse">
        <div class="container-fluid">
```

```

<!-- <div class="navbar-header">
  <a class="navbar-brand active"> LIBRARY MANAGEMENT SYSTEM</a>
</div> -->
<ul class="nav navbar-nav">
  <li><a href="index.php">HOME</a></li>
  <li><a href="books.php">BOOKS</a></li>
  <li><a href="feedback.php">FEEDBACK</a></li>
</ul>
<?php
  if(isset($_SESSION['login_user']))
  {?>
    <ul class="nav navbar-nav">
      <li><a href="profile.php">PROFILE</a></li>
      <li><a href="student.php">
        STUDENT-INFORMATION
      </a></li>
      <li><a href="fine.php">FINES</a></li>
    </ul>
    <ul class="nav navbar-nav navbar-right">
      <li><a href="admin_status.php"><span class="glyphicon
glyphicon-user"></span><span class="badge bg-blue"><?php echo $a['total'];
?></span></a></li>
      <li><a href="profile.php">
        <div style="color: white">
          <?php
            echo "<img class='img-circle profile_img' height=30
width=30 src='images/" . $_SESSION['pic'] . "'>";
            echo " " . $_SESSION['login_user'];
          ?>
        </div>
      </a></li>
      <li><a href="logout.php"><span class="glyphicon glyphicon-
log-out"> LOGOUT</span></a></li>
    </ul>
  <?php
  }
  else
  { ?>

```

```

        <ul class="nav navbar-nav navbar-right">
            <li><a href="../login.php"><span class="glyphicon glyphicon-
log-in"> LOGIN</span></a></li>
            <li><a href="registration.php"><span class="glyphicon
glyphicon-user"> SIGN UP</span></a></li>
        </ul>
        <?php
    }
    ?>
</div>
</nav>
</body>
</html>

```

INDEX.PHP

```

<?php
    session_start();
    include "connection.php";

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Library Management System</title>

    <!-- css link -->
    <link rel="stylesheet" href="#">
    <link rel="stylesheet" href="login-page.css">

    <!-- font awesome link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.0.0-beta3/css/all.min.css">

```

```

<style>
    .link{
        text-transform: uppercase;
    }
    .box
    {
        height: 300px;
        width: 450px;
        background-color: #030002;
        margin: 70px auto;
        opacity: .6;
        color: white;
    }
</style>

</head>
<body>

    <header>
        <div class="nav">
            
            <h1 style="color: steelblue;margin:20px 0; font-size:18px; margin-
left:20px"> LIBRARY MANAGEMENT SYSTEM</h1>

            <?php
            if(isset($_SESSION['login_user']))
            {
                ?>
                <div class="nav-items">

                    <ul class="links-container">
                        <li class="link-item"><a href="index.php" class="link
active">home</a></li>
                        <li class="link-item"><a href="books.php"
class="link">Books</a></li>

```

```

        <li class="link-item"><a href="logout.php"
class="link">Logout</a></li>
        <li class="link-item"><a href="feedback.php"
class="link">feedback</a></li>
        <li class="link-item"><a href="#"
class="link">contact</a></li>
    </ul>

</div>
<?php
}
else{
    ?>
    <div class="nav-items">

        <ul class="links-container">
            <li class="link-item"><a href="index.php" class="link
active">home</a></li>
            <li class="link-item"><a href="books.php"
class="link">Books</a></li>
            <li class="link-item"><a href="login.php"
class="link">Login</a></li>
            <li class="link-item"><a href="feedback.php"
class="link">feedback</a></li>
            <li class="link-item"><a href="#"
class="link">contact</a></li>
        </ul>

    </div>

<?php
}
?>

</div>
</header>
<section>
    <div class="home-img">
    <br><br><br>

```

```
        <div class="box">
            <br><br><br><br>
            <h1 style="text-align: center; font-size: 35px;">Welcome to
library</h1><br><br>
            <h1 style="text-align: center;font-size: 25px;">Opens at:
09:00 </h1><br>
            <h1 style="text-align: center;font-size: 25px;">Closes at:
15:00 </h1><br>
        </div>
    </div>
</section>
```

```
<?php
    include "footer.php";
?>
```

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

REGISTRATION.PHP

```
<?php
    include "connection.php";
    include "navbar.php";
?>
```

```
<!DOCTYPE html>
<html>
<head>
```

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

```

    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></scrip
t>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></sc
ript>

<style type="text/css">
    section
    {
        margin-top: -20px;
    }
</style>
</head>
<body>

<section>
    <div class="reg_img">

        <div class="box2">
            <h1 style="text-align: center; font-size: 35px;font-family: Lucida
Console;"> &nbsp; &nbsp; &nbsp; &nbsp; Library Management System</h1>
            <h1 style="text-align: center; font-size: 25px;">User Registration
Form</h1>

            <form name="Registration" action="" method="post">

                <div class="login">
                    <input class="form-control" type="text" name="first"
placeholder="First Name" required=""> <br>
                    <input class="form-control" type="text" name="last"
placeholder="Last Name" required=""> <br>
                    <input class="form-control" type="text" name="username"
placeholder="Username" required=""> <br>

```

```

        <input class="form-control" type="password" name="password"
placeholder="Password" required=""> <br>
        <input class="form-control" type="text" name="email"
placeholder="Email" required=""><br>
        <input class="form-control" type="text" name="contact"
placeholder="Phone No" required=""><br>

        <input class="btn btn-default" type="submit" name="submit"
value="Sign Up" style="color: black; width: 70px; height: 30px"> </div>
    </form>

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

```

```

<?php

if(isset($_POST['submit']))
{
    $count=0;
    $sql="SELECT username from `admin`";
    $res=mysqli_query($db,$sql);

    while($row=mysqli_fetch_assoc($res))
    {
        if($row['username']==$_POST['username'])
        {
            $count=$count+1;
        }
    }
    if($count==0)
    {
        mysqli_query($db,"INSERT INTO `admin` VALUES('', '$_POST[first]',
'$_POST[last]', '$_POST[username]', '$_POST[password]', '$_POST[email]',
'$_POST[contact]', 'p.jpg', '');");
    }
    ?>
    <script type="text/javascript">
        alert("Registration successful");
    </script>

```



```
        </script>
    <?php
    }
    else
    {

        ?>
        <script type="text/javascript">
            alert("The username already exist.");
        </script>
    <?php
    }
}

?>

</body>
</html>
```

ADMINLOGIN.PHP

```
<?php
    include "connection.php";
    include "navbar.php";
?>

<!DOCTYPE html>
<html>
<head>

    <title>Student Login</title>
    <link rel="stylesheet" type="text/css" href="style.css">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <style type="text/css">
        section
```

```

    {
      margin-top: -20px;
    }
  </style>
</head>
<body>
<section>
  <div class="log_img">
    <br>
    <div class="box1">
      <h1 style="text-align: center; font-size: 35px;font-family: Lucida
Library Management System</h1>
      <h1 style="text-align: center; font-size: 25px;">User Login
Form</h1><br>
      <form name="login" action="" method="post">

        <div class="login">
          <input class="form-control" type="text" name="username"
placeholder="Username" required=""> <br>
          <input class="form-control" type="password" name="password"
placeholder="Password" required=""> <br>
          <input class="btn btn-default" type="submit" name="submit"
value="Login" style="color: black; width: 70px; height: 30px">
        </div>
        <p style="color: white; padding-left: 15px;">
          <br><br>
          <a style="color:yellow;text-decoration: none;"
href="update_password.php">Forgot password?</a> &nbsp; &nbsp; &nbsp; &nbsp;
&nbsp;
          New to this website?<a style="color: yellow; text-decoration: none;"
href="registration.php">&nbsp;Sign Up</a>
        </p>
      </form>
    </div>
  </div>
</section>

<?php

```

```

if(isset($_POST['submit']))
{
    $count=0;
    $res=mysqli_query($db,"SELECT * FROM `admin` WHERE
username='$_POST[username]' && password='$_POST[password]';");

    $row= mysqli_fetch_assoc($res);
    $count=mysqli_num_rows($res);
    if($count==0)
    {
        ?>
        <!--
        <script type="text/javascript">
            alert("The username and password doesn't match.");
        </script>
        -->
        <div class="alert alert-danger" style="width: 600px; margin-left:
370px; background-color: #de1313; color: white">
            <strong>The username and password doesn't match</strong>
        </div>
        <?php
    }
    else
    {
        /*-----if username & password matches----*/

        $_SESSION['login_user'] = $_POST['username'];
        $_SESSION['pic'] = $row['pic'];

        ?>
        <script type="text/javascript">
            window.location="profile.php"
        </script>
        <?php
    }
}

```

```
?>

</body>
</html>
```

UPDATE_PASSWORD.PHP

```
<?php
    include "connection.php";
    include "navbar.php";
?>
<!DOCTYPE html>
<html>
<head>
    <title>Change Password</title>

    <style type="text/css">
        body
        {
            height: 650px;
            background-image: url("images/7.jpg");
            background-repeat: no-repeat;
        }
        .wrapper
        {
            width: 400px;
            height: 400px;
            margin:100px auto;
            background-color: black;
            opacity: .8;
            color: white;
            padding: 27px 15px;
        }
        .form-control
        {
            width: 300px;
        }
    </style>

```

```

    </style>
</head>
<body>
    <div class="wrapper">
        <div style="text-align: center;">
            <h1 style="text-align: center; font-size: 35px;font-family: Lucida
Console;">Change Your Password</h1>
        </div>
        <div style="padding-left: 30px; ">
            <form action="" method="post" >
                <input type="text" name="username" class="form-control"
placeholder="Username" required=""><br>
                <input type="text" name="email" class="form-control"
placeholder="Email" required=""><br>
                <input type="text" name="password" class="form-control"
placeholder="New Password" required=""><br>
                <button class="btn btn-default" type="submit" name="submit"
>Update</button>
            </form>

        </div>

<?php

    if(isset($_POST['submit']))
    {
        if(mysql_query($db,"UPDATE admin SET password='$_POST[password]'
WHERE username='$_POST[username]'
AND email='$_POST[email]' ;"))
        {
            ?>
                <script type="text/javascript">
                    alert("The Password Updated Successfully.");
                </script>

            <?php
        }
    }
}

```

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

PROFILE.PHP

```
<?php
    include "connection.php";
    include "navbar.php";
?>
<!DOCTYPE html>
<html>
<head>
    <title>Profile</title>
    <style type="text/css">
        .wrapper
        {
            width: 300px;
            margin: 0 auto;
            color: white;
        }
    </style>
</head>
<body style="background-color: #2b3c78; ">
    <div class="container">
        <form action="" method="post">
            <button class="btn btn-default" style="float: right; width: 70px;"
name="submit1" type="submit">Edit</button>
        </form>
        <div class="wrapper">
            <?php

                if(isset($_POST['submit1']))
                {
                    ?>
                    <script type="text/javascript">
                        window.location="edit.php"
```

```

        </script>
        <?php
    }

        $q=mysqli_query($db,"SELECT * FROM admin where
username='$_SESSION[login_user]' ;");
        ?>
        <h2 style="text-align: center;">My Profile</h2>

    <?php
        $row=mysqli_fetch_assoc($q);

        echo "<div style='text-align: center'>
            <img class='img-circle profile-img' height=110 width=120
src='images/".$_SESSION['pic']."'>
        </div>";
        ?>
        <div style="text-align: center;"> <b>Welcome, </b>
            <h4>
                <?php echo $_SESSION['login_user']; ?>
            </h4>
        </div>
    <?php
        echo "<b>";
        echo "<table class='table '>";
            echo "<tr>";
                echo "<td>";
                    echo "<b> First Name: </b>";
                echo "</td>";
                echo "<td>";
                    echo $row['first'];
                echo "</td>";
            echo "</tr>";
            echo "<tr>";
                echo "<td>"; echo "<b> Last Name: </b>"; echo "</td>";
                echo "<td>"; echo $row['last']; echo "</td>";
            echo "</tr>";

```

```

        echo "<tr>";
        echo "<td>"; echo "<b> User Name: </b>"; echo "</td>";
        echo "<td>"; echo $row['username']; echo "</td>";
        echo "</tr>";

        echo "<tr>";
        echo "<td>"; echo "<b> Password: </b>"; echo "</td>";
        echo "<td>"; echo $row['password']; echo "</td>";
        echo "</tr>";
        echo "<tr>";
        echo "<td>"; echo "<b> Email: </b>"; echo "</td>";
        echo "<td>";
        echo $row['email'];
        echo "</td>";
        echo "</tr>";
        echo "<tr>";
        echo "<td>";
        echo "<b> Contact: </b>";
        echo "</td>";
        echo "<td>";
        echo $row['contact'];
        echo "</td>";
        echo "</tr>";
        echo "</table>";
        echo "</b>";
    ?>
</div>
</div>
</body>
</html>

```

EDIT.PHP

```

<?php
    include "navbar.php";
    include "connection.php";
?>

```



```

<!DOCTYPE html>
<html>
<head>
  <title>edit profile</title>
  <style type="text/css">
    .form-control
    {
      width:250px;
      height: 38px;
    }
    .form1
    {
      margin:0 540px;
    }
    label
    {
      color: white;
    }

  </style>
</head>
<body style="background-color: #004528;">
  <h2 style="text-align: center;color: #fff;">Edit Information</h2>
  <?php
    $sql = "SELECT * FROM admin WHERE username='$_SESSION[login_user]'";
    $result = mysqli_query($db,$sql) or die (mysqli_error($db));

    while ($row = mysqli_fetch_assoc($result))
    {
      $first=$row['first'];
      $last=$row['last'];
      $username=$row['username'];
      $password=$row['password'];
      $email=$row['email'];
      $contact=$row['contact'];
    }
  ?>

```

```

<div class="profile_info" style="text-align: center;">
    <span style="color: white;">Welcome,</span>
    <h4 style="color: white;"><?php echo $_SESSION['login_user']; ?></h4>
</div><br><br>

<div class="form1">
    <form action="" method="post" enctype="multipart/form-data">
        <input class="form-control" type="file" name="file">
        <label><h4><b>First Name: </b></h4></label>
        <input class="form-control" type="text" name="first" value="<?php echo
$first; ?>">
        <label><h4><b>Last Name</b></h4></label>
        <input class="form-control" type="text" name="last" value="<?php echo
$last; ?>">
        <label><h4><b>Username</b></h4></label>
        <input class="form-control" type="text" name="username" value="<?php
echo $username; ?>">
        <label><h4><b>Password</b></h4></label>
        <input class="form-control" type="text" name="password" value="<?php
echo $password; ?>">

        <label><h4><b>Email</b></h4></label>
        <input class="form-control" type="text" name="email" value="<?php echo
$email; ?>">

        <label><h4><b>Contact No</b></h4></label>
        <input class="form-control" type="text" name="contact" value="<?php
echo $contact; ?>">

        <br>
        <div style="padding-left: 100px;">
            <button class="btn btn-default" type="submit"
name="submit">save</button></div>
        </form>
</div>
<?php

    if(isset($_POST['submit']))

```

```

        {
            move_uploaded_file($_FILES['file']['tmp_name'], "images/" . $_FILES['file']['name']);

            $first=$_POST['first'];
            $last=$_POST['last'];
            $username=$_POST['username'];
            $password=$_POST['password'];
            $email=$_POST['email'];
            $contact=$_POST['contact'];
            $pic=$_FILES['file']['name'];
            $sql1= "UPDATE admin SET pic='$pic', first='$first', last='$last',
username='$username', password='$password', email='$email', contact='$contact'
WHERE username='". $_SESSION['login_user']."'";

            if(mysqli_query($db,$sql1))
            {
                ?>
                <script type="text/javascript">
                    alert("Saved Successfully.");
                    window.location="profile.php";
                </script>
                <?php
            }
        }
    ?>
</body>
</html>

```

BOOKS.PHP

```

<?php
    include "connection.php";
    include "navbar.php";
?>

<!DOCTYPE html>

```

```

<html>
<head>
  <title>Books</title>
  <meta name="viewport" content="width=device-width, initial-scale=1">

  <style type="text/css">
    .srch
    {
      padding-left: 900px;
    }
    body {
font-family: "Lato", sans-serif;
transition: background-color .5s;
}
.sidenav {
height: 100%;
margin-top: 50px;
width: 0;
position: fixed;
z-index: 1;
top: 0;
left: 0;
background-color: #222;
overflow-x: hidden;
transition: 0.5s;
padding-top: 60px;
}

.sidenav a {
padding: 8px 8px 8px 32px;
text-decoration: none;
font-size: 25px;
color: #818181;
display: block;
transition: 0.3s;
}

.sidenav a:hover {

```

```

    color: white;
}

.sidenav .closebtn {
    position: absolute;
    top: 0;
    right: 25px;
    font-size: 36px;
    margin-left: 50px;
}

#main {
    transition: margin-left .5s;
    padding: 16px;
}

@media screen and (max-height: 450px) {
    .sidenav {padding-top: 15px;}
    .sidenav a {font-size: 18px;}
}

.img-circle
{
    margin-left: 20px;
}

.h:hover
{
    color:white;
    width: 300px;
    height: 50px;
    background-color: #00544c;
}

</style>

</head>
<body>
    <!-- _____sidenav_____ -->

```

```

    <div id="mySidenav" class="sidenav">
    <a href="javascript:void(0)" class="closebtn"
onclick="closeNav()">&times;</a>

        <div style="color: white; margin-left: 60px; font-size: 20px;">

            <?php
            if(isset($_SESSION['login_user']))

                {   echo "<img class='img-circle profile_img' height=120
width=120 src='images/" . $_SESSION['pic'] . "'>";
                    echo "</br></br>";

                    echo "Welcome " . $_SESSION['login_user'];
                }
            ?>
        </div><br><br>

<div class="h"> <a href="add.php">Add Books</a> </div>
    <div class="h"> <a href="request.php">Book Request</a></div>
    <div class="h"> <a href="issue_info.php">Issue Information</a></div>
    <div class="h"><a href="expired.php">Expired List</a></div>
</div>

<div id="main">

    <span style="font-size:30px;cursor:pointer"
onclick="openNav()">&#9776;</span>

<script>
function openNav() {
    document.getElementById("mySidenav").style.width = "300px";
    document.getElementById("main").style.marginLeft = "300px";
    document.body.style.backgroundColor = "rgba(0,0,0,0.4)";
}

function closeNav() {

```

```

document.getElementById("mySidenav").style.width = "0";
document.getElementById("main").style.marginLeft= "0";
document.body.style.backgroundColor = "white";
}
</script>
<!-- _____ search bar _____ -->

<div class="srch">
    <form class="navbar-form" method="post" name="form1">

        <input class="form-control" type="text" name="search"
placeholder="search books.." required="">
        <button style="background-color: #6db6b9e6;" type="submit"
name="submit" class="btn btn-default">
            <span class="glyphicon glyphicon-search"></span>
        </button>
    </form>
    <form class="navbar-form" method="post" name="form1">

        <input class="form-control" type="text" name="bid"
placeholder="Enter Book ID" required="">
        <button style="background-color: #6db6b9e6;" type="submit"
name="submit1" class="btn btn-default">Delete
        </button>
    </form>
</div>

<h2>List Of Books</h2>
<?php

    if(isset($_POST['submit']))
    {
        $q=mysqli_query($db,"SELECT * from books where name like
'".$_POST[search]%' ");

        if(mysqli_num_rows($q)==0)
        {
            echo "Sorry! No book found. Try searching again.";

```

```

    }
    else
    {
echo "<table class='table table-bordered table-hover' >";
    echo "<tr style='background-color: #6db6b9e6;'>";
        //Table header
        echo "<th>"; echo "ID"; echo "</th>";
        echo "<th>"; echo "Book-Name"; echo "</th>";
        echo "<th>"; echo "Authors Name"; echo "</th>";
        echo "<th>"; echo "Edition"; echo "</th>";
        echo "<th>"; echo "Status"; echo "</th>";
        echo "<th>"; echo "Quantity"; echo "</th>";
        echo "<th>"; echo "Department"; echo "</th>";
    echo "</tr>";

    while($row=mysqli_fetch_assoc($q))
    {
        echo "<tr>";
        echo "<td>"; echo $row['bid']; echo "</td>";
        echo "<td>"; echo $row['name']; echo "</td>";
        echo "<td>"; echo $row['authors']; echo "</td>";
        echo "<td>"; echo $row['edition']; echo "</td>";
        echo "<td>"; echo $row['status']; echo "</td>";
        echo "<td>"; echo $row['quantity']; echo "</td>";
        echo "<td>"; echo $row['department']; echo "</td>";

        echo "</tr>";
    }
echo "</table>";
    }
}

/*if button is not pressed.*/
else
{
    $res=mysqli_query($db,"SELECT * FROM `books` ORDER BY
`books`.`name` ASC;");

    echo "<table class='table table-bordered table-hover' >";

```



```

echo "<tr style='background-color: #6db6b9e6;'>";
    //Table header
    echo "<th>"; echo "ID"; echo "</th>";
    echo "<th>"; echo "Book-Name"; echo "</th>";
    echo "<th>"; echo "Authors Name"; echo "</th>";
    echo "<th>"; echo "Edition"; echo "</th>";
    echo "<th>"; echo "Status"; echo "</th>";
    echo "<th>"; echo "Quantity"; echo "</th>";
    echo "<th>"; echo "Department"; echo "</th>";
echo "</tr>";

while($row=mysqli_fetch_assoc($res))
{
    echo "<tr>";
    echo "<td>"; echo $row['bid']; echo "</td>";
    echo "<td>"; echo $row['name']; echo "</td>";
    echo "<td>"; echo $row['authors']; echo "</td>";
    echo "<td>"; echo $row['edition']; echo "</td>";
    echo "<td>"; echo $row['status']; echo "</td>";
    echo "<td>"; echo $row['quantity']; echo "</td>";
    echo "<td>"; echo $row['department']; echo "</td>";

    echo "</tr>";
}
echo "</table>";
}
if(isset($_POST['submit1']))
{
    if(isset($_SESSION['login_user']))
    {
        mysqli_query($db,"DELETE from books where bid = '".$_POST[bid]';
");

        ?>
        <script type="text/javascript">
            alert("Delete Successful.");
        </script>
        <?php
    }
}

```

```

        else
        {
            ?>
            <script type="text/javascript">
                alert("Please Login First.");
            </script>
            <?php
        }
    }
}

?>
</div>
</body>
</html>

```

ADD.PHP

```

<?php
    include "connection.php";
    include "navbar.php";
?>

<!DOCTYPE html>
<html>
<head>
    <title>Books</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <style type="text/css">
        .srch
        {
            padding-left: 1000px;

        }

        body {

```

```
background-image: url("images/addbook.jpg");
background-repeat: no-repeat;
background-size: cover;
width: 100vw;
height: 100%;
font-family: "Lato", sans-serif;
transition: background-color .5s;
}
```

```
.sidenav {
  height: 100%;
  margin-top: 20px;
  width: 0;
  position: fixed;
  z-index: 1;
  top: 0;
  left: 0;
  background-color: #222;
  overflow-x: hidden;
  transition: 0.5s;
  padding-top: 60px;
}
```

```
.sidenav a {
  padding: 8px 8px 8px 32px;
  text-decoration: none;
  font-size: 25px;
  color: #818181;
  display: block;
  transition: 0.3s;
}
```

```
.sidenav a:hover {
  color: white;
}
```

```
.sidenav .closebtn {
  position: absolute;
```

```

    top: 0;
    right: 25px;
    font-size: 36px;
    margin-left: 50px;
}

#main {
    transition: margin-left .5s;
    margin-top: -40px;
    padding: 16px;
}

@media screen and (max-height: 450px) {
    .sidenav {padding-top: 15px;}
    .sidenav a {font-size: 18px;}
}

.img-circle
{
    margin-left: 20px;
}

.h:hover
{
    color:white;
    width: 300px;
    height: 50px;
    background-color: #00544c;
}

.book
{
    width: 400px;
    margin: 0px auto;
}

.form-control
{
    background-color: #080707;
    color: white;
    height: 40px;
}

```

```

}

</style>

</head>
<body>
  <!-- _____sidenav_____ -->

  <div id="mySidenav" class="sidenav">
    <a href="javascript:void(0)" class="closebtn"
onclick="closeNav()">&times;</a>

    <div style="color: white; margin-left: 60px; font-size: 20px;"

      <?php
        if(isset($_SESSION['login_user']))

          { echo "<img class='img-circle profile_img' height=120
width=120 src='images/" . $_SESSION['pic'] . "'>";
            echo "</br></br>";

            echo "Welcome " . $_SESSION['login_user'];
          }
        ?>
      </div><br><br>

    <div class="h"> <a href="add.php">Add Books</a> </div>
    <div class="h"> <a href="delete.php">Delete Books</a></div>
    <div class="h"> <a href="request.php">Book Request</a></div>
    <div class="h"> <a href="issue_info.php">Issue Information</a></div>
  </div>

  <div id="main">
    <span style="font-size:30px;cursor:pointer; color: black;"
onclick="openNav()">&#9776;</span>
    <div class="container" style="text-align: center;">

```

```
<h2 style="color:black; font-family: Lucida Console; text-align: center"><b>Add New Books</b></h2>
```

```
<form class="book" action="" method="post">
```

```
    <input type="text" name="bid" class="form-control" placeholder="Book id" required=""><br>
```

```
    <input type="text" name="name" class="form-control" placeholder="Book Name" required=""><br>
```

```
    <input type="text" name="authors" class="form-control" placeholder="Authors Name" required=""><br>
```

```
    <input type="text" name="edition" class="form-control" placeholder="Edition" required=""><br>
```

```
    <input type="text" name="status" class="form-control" placeholder="Status" required=""><br>
```

```
    <input type="text" name="quantity" class="form-control" placeholder="Quantity" required=""><br>
```

```
    <input type="text" name="department" class="form-control" placeholder="Department" required=""><br>
```

```
    <button style="text-align: center;" class="btn btn-default" type="submit" name="submit">ADD</button>
```

```
</form>
```

```
</div>
```

```
<?php
```

```
    if(isset($_POST['submit']))
```

```
    {
```

```
        if(isset($_SESSION['login_user']))
```

```
        {
```

```
            mysqli_query($db,"INSERT INTO books VALUES ('$_POST[bid]',  
'$_POST[name]', '$_POST[authors]', '$_POST[edition]', '$_POST[status]',  
'$_POST[quantity]', '$_POST[department]') ;");
```

```
        ?>
```

```
        <script type="text/javascript">
```

```
            alert("Book Added Successfully.");
```

```
        </script>
```

```
<?php
```

```

    }
    else
    {
        ?>
        <script type="text/javascript">
            alert("You need to login first.");
        </script>
        <?php
    }
}
?>
</div>
<script>
function openNav() {
    document.getElementById("mySidenav").style.width = "300px";
    document.getElementById("main").style.marginLeft = "300px";
    document.body.style.backgroundColor = "rgba(0,0,0,0.4)";
}

function closeNav() {
    document.getElementById("mySidenav").style.width = "0";
    document.getElementById("main").style.marginLeft= "0";
    document.body.style.backgroundColor = "#024629";
}
</script>

</body>

<?php
    include "connection.php";
    include "navbar.php";
?>
<!DOCTYPE html>
<html>
<head>

```

```

<title>Book Request</title>
<meta name="viewport" content="width=device-width, initial-scale=1">

<style type="text/css">

    .srch
    {
        padding-left: 850px;
    }

    .form-control
    {
        width: 300px;
        height: 40px;
        background-color: black;
        color: white;
    }

    body {
        background-image: url("images/login_page.jpg");
        background-repeat: no-repeat;
        font-family: "Lato", sans-serif;
        transition: background-color .5s;
        background-size: cover;
    }

    .sidenav {
        height: 100%;
        margin-top: 50px;
        width: 0;
        position: fixed;
        z-index: 1;
        top: 0;
        left: 0;
        background-color: #222;
        overflow-x: hidden;
        transition: 0.5s;
        padding-top: 60px;
    }

```



```

}

.sidenav a {
  padding: 8px 8px 8px 32px;
  text-decoration: none;
  font-size: 25px;
  color: #818181;
  display: block;
  transition: 0.3s;
}

.sidenav a:hover {
  color: white;
}

.sidenav .closebtn {
  position: absolute;
  top: 0;
  right: 25px;
  font-size: 36px;
  margin-left: 50px;
}

#main {
  transition: margin-left .5s;
  padding: 16px;
}

@media screen and (max-height: 450px) {
  .sidenav {padding-top: 15px;}
  .sidenav a {font-size: 18px;}
}

.img-circle
{
  margin-left: 20px;
}

.h:hover
{

```

```

        color:white;
        width: 300px;
        height: 50px;
        background-color: #00544c;
    }
    .container
    {
        height: 600px;
        background-color: black;
        opacity: .8;
        color: white;
    }

</style>

</head>
<body>
<!-- _____sidenav_____ -->

    <div id="mySidenav" class="sidenav">
        <a href="javascript:void(0)" class="closebtn"
onclick="closeNav()">&times;</a>

        <div style="color: white; margin-left: 60px; font-size: 20px;"

            <?php
                if(isset($_SESSION['login_user']))

                    {   echo "<img class='img-circle profile_img' height=120
width=120 src='images/" .$_SESSION['pic']. "'>";
                        echo "</br></br>";

                            echo "Welcome " .$_SESSION['login_user'];
                    }
                ?>
            </div><br><br>

```

```

<div class="h"> <a href="books.php">Books</a></div>
<div class="h"> <a href="request.php">Book Request</a></div>
<div class="h"> <a href="issue_info.php">Issue Information</a></div>
<div class="h"><a href="expired.php">Expired List</a></div>
</div>

```

```

<div id="main">

```

```

    <span style="font-size:30px;cursor:pointer"
onclick="openNav()">&#9776;</span>

```

```

<script>

```

```

function openNav() {
    document.getElementById("mySidenav").style.width = "300px";
    document.getElementById("main").style.marginLeft = "300px";
    document.body.style.backgroundColor = "rgba(0,0,0,0.4)";
}

```

```

function closeNav() {
    document.getElementById("mySidenav").style.width = "0";
    document.getElementById("main").style.marginLeft= "0";
    document.body.style.backgroundColor = "white";
}

```

```

</script>

```

```

<br>

```

```

<div class="container">

```

```

    <div class="srch">

```

```

        <br>

```

```

        <form method="post" action="" name="form1">

```

```

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

```

```

            <input type="text" name="bid" class="form-control"
placeholder="BID" required=""><br>

```

```

            <button class="btn btn-default" name="submit"
type="submit">Submit</button><br>

```

```

        </form>

```

```
</div>
```

```
<h3 style="text-align: center;">Request of Book</h3>
```

```
<?php
```

```
if(isset($_SESSION['login_user']))
```

```
{
```

```
    $sql= "SELECT
```

```
student.username,roll,books.bid,name,authors,edition,status FROM student inner
join issue_book ON student.username=issue_book.username inner join books ON
issue_book.bid=books.bid WHERE issue_book.approve = ''";
```

```
    $res= mysqli_query($db,$sql);
```

```
    if(mysqli_num_rows($res)==0)
```

```
    {
```

```
        echo "<h2><b>";
```

```
        echo "There's no pending request.";
```

```
        echo "</h2></b>";
```

```
    }
```

```
else
```

```
{
```

```
    echo "<table class='table table-bordered' >";
```

```
    echo "<tr style='background-color: #6db6b9e6;'>";
```

```
        //Table header
```

```
        echo "<th>"; echo "Username"; echo "</th>";
```

```
        echo "<th>"; echo "Roll No"; echo "</th>";
```

```
        echo "<th>"; echo "BID"; echo "</th>";
```

```
        echo "<th>"; echo "Book Name"; echo "</th>";
```

```
        echo "<th>"; echo "Authors Name"; echo "</th>";
```

```
        echo "<th>"; echo "Edition"; echo "</th>";
```

```
        echo "<th>"; echo "Status"; echo "</th>";
```

```
    echo "</tr>";
```

```
    while($row=mysqli_fetch_assoc($res))
```

```
    {
```

```

        echo "<tr>";
        echo "<td>"; echo $row['username']; echo "</td>";
        echo "<td>"; echo $row['roll']; echo "</td>";
        echo "<td>"; echo $row['bid']; echo "</td>";
        echo "<td>"; echo $row['name']; echo "</td>";
        echo "<td>"; echo $row['authors']; echo "</td>";
        echo "<td>"; echo $row['edition']; echo "</td>";
        echo "<td>"; echo $row['status']; echo "</td>";

        echo "</tr>";
    }
    echo "</table>";
}
else
{
    ?>
    <br>
    <h4 style="text-align: center;color: yellow;">You need to login to
see the request.</h4>

    <?php
}

if(isset($_POST['submit']))
{
    $_SESSION['name']=$_POST['username'];
    $_SESSION['bid']=$_POST['bid'];

    ?>
    <script type="text/javascript">
        window.location="approve.php"
    </script>
    <?php
}

?>
</div>

```

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

APPROVE.PHP

```
<?php
    include "connection.php";
    include "navbar.php";
?>
<!DOCTYPE html>
<html>
<head>
    <title>Approve Request</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <style type="text/css">

        .srch
        {
            padding-left: 850px;

        }

        .form-control
        {
            width: 300px;
            height: 45px;
            background-color: black;
            color: white;
        }

        body {
            background-image: url("images/1111.jpg");
            background-repeat: no-repeat;
            font-family: "Lato", sans-serif;
            transition: background-color .5s;
        }

        .sidenav {
```

```

height: 100%;
margin-top: 50px;
width: 0;
position: fixed;
z-index: 1;
top: 0;
left: 0;
background-color: #222;
overflow-x: hidden;
transition: 0.5s;
padding-top: 60px;
}

.sidenav a {
padding: 8px 8px 8px 32px;
text-decoration: none;
font-size: 25px;
color: #818181;
display: block;
transition: 0.3s;
}

.sidenav a:hover {
color: white;
}

.sidenav .closebtn {
position: absolute;
top: 0;
right: 25px;
font-size: 36px;
margin-left: 50px;
}

#main {
transition: margin-left .5s;
padding: 16px;
}

@media screen and (max-height: 450px) {
.sidenav {padding-top: 15px;}
.sidenav a {font-size: 18px;}
}

.img-circle
{
margin-left: 20px;
}

.h:hover

```

```

{
    color:white;
    width: 300px;
    height: 50px;
    background-color: #00544c;
}
.container
{
    height: 600px;
    background-color: black;
    opacity: .8;
    color: white;
}
.Approve
{
    margin-left: 420px;
}

</style>

</head>
<body>
<!-- _____sidenav_____ -->

    <div id="mySidenav" class="sidenav">
        <a href="javascript:void(0)" class="closebtn"
onclick="closeNav()">&times;</a>

            <div style="color: white; margin-left: 60px; font-size: 20px;"

                <?php
                    if(isset($_SESSION['login_user']))

                        {   echo "<img class='img-circle profile_img' height=120
width=120 src='images/" . $_SESSION['pic'] . "'>";
                            echo "</br></br>";

                                echo "Welcome " . $_SESSION['login_user'];
                            }
                        ?>
                    </div><br><br>

                <div class="h"> <a href="books.php">Books</a></div>
                <div class="h"> <a href="request.php">Book Request</a></div>
                <div class="h"> <a href="issue_info.php">Issue Information</a></div>
                <div class="h"><a href="expired.php">Expired List</a></div>
            </div>

```



```

<div id="main">

    <span style="font-size:30px;cursor:pointer"
onclick="openNav()">&#9776;</span>

    <script>
function openNav() {
    document.getElementById("mySidenav").style.width = "300px";
    document.getElementById("main").style.marginLeft = "300px";
    document.body.style.backgroundColor = "rgba(0,0,0,0.4)";
}

function closeNav() {
    document.getElementById("mySidenav").style.width = "0";
    document.getElementById("main").style.marginLeft= "0";
    document.body.style.backgroundColor = "white";
}
</script>
<div class="container">
    <br><h3 style="text-align: center;">Approve Request</h3><br><br>

    <form class="Approve" action="" method="post">
        <input class="form-control" type="text" name="approve"
placeholder="Yes or No" required=""><br>

        <input type="text" name="issue" placeholder="Issue Date yyyy-mm-dd"
required="" class="form-control"><br>

        <input type="text" name="return" placeholder="Return Date yyyy-mm-dd"
required="" class="form-control"><br>
        <button class="btn btn-default" type="submit"
name="submit">Approve</button>
    </form>

</div>
</div>

<?php
if(isset($_POST['submit']))
{
    mysqli_query($db,"UPDATE `issue_book` SET `approve`
= '$_POST[approve]', `issue` = '$_POST[issue]', `return` = '$_POST[return]'
WHERE username='$_SESSION[name]' and bid='$_SESSION[bid]';");

    mysqli_query($db,"UPDATE books SET quantity = quantity-1 where
bid='$_SESSION[bid]' ;");
}

```

```

    $res=mysqli_query($db,"SELECT quantity from books where
bid='$_SESSION[bid]");

    while($row=mysqli_fetch_assoc($res))
    {
        if($row['quantity']==0)
        {
            mysqli_query($db,"UPDATE books SET status='not-available' where
bid='$_SESSION[bid]'");
        }
    }
?>
    <script type="text/javascript">
        alert("Updated successfully.");
        window.location="request.php"
    </script>
    <?php
    }
?>
</body>
</html>

```

ISSUE INFO.PHP

```

<?php
    include "connection.php";
    include "navbar.php";
?>
<!DOCTYPE html>
<html>
<head>
    <title>Book Request</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <style type="text/css">

        .srch
        {
            padding-left: 850px;

        }
        .form-control
        {
            width: 300px;
            height: 40px;
            background-color: black;

```

```

        color: white;
    }

    body {
        background-image: url("images/aa.jpg");
        background-repeat: no-repeat;
        font-family: "Lato", sans-serif;
        transition: background-color .5s;
    }

.sidenav {
    height: 100%;
    margin-top: 50px;
    width: 0;
    position: fixed;
    z-index: 1;
    top: 0;
    left: 0;
    background-color: #222;
    overflow-x: hidden;
    transition: 0.5s;
    padding-top: 60px;
}

.sidenav a {
    padding: 8px 8px 8px 32px;
    text-decoration: none;
    font-size: 25px;
    color: #818181;
    display: block;
    transition: 0.3s;
}

.sidenav a:hover {
    color: white;
}

.sidenav .closebtn {
    position: absolute;
    top: 0;
    right: 25px;
    font-size: 36px;
    margin-left: 50px;
}

#main {
    transition: margin-left .5s;
    padding: 16px;
}

```

```

}

@media screen and (max-height: 450px) {
  .sidenav {padding-top: 15px;}
  .sidenav a {font-size: 18px;}
}
.img-circle
{
  margin-left: 20px;
}
.h:hover
{
  color:white;
  width: 300px;
  height: 50px;
  background-color: #00544c;
}
.container
{
  height: 600px;
  background-color: black;
  opacity: .8;
  color: white;
}
.scroll
{
  width: 100%;
  height: 500px;
  overflow: auto;
}
th,td
{
  width: 10%;
}

</style>

</head>
<body>
<!-- _____sidenav_____ -->

<div id="mySidenav" class="sidenav">
  <a href="javascript:void(0)" class="closebtn"
onclick="closeNav()">&times;</a>

  <div style="color: white; margin-left: 60px; font-size: 20px;">

    <?php

```

```

        if(isset($_SESSION['login_user']))

            {   echo "<img class='img-circle profile_img' height=120
width=120 src='images/\".$_SESSION['pic'].\"'>";
                echo "</br></br>";

                echo "Welcome \".$_SESSION['login_user'];
            }
            ?>
        </div><br><br>

        <div class="h"> <a href="books.php">Books</a></div>
        <div class="h"> <a href="request.php">Book Request</a></div>
        <div class="h"> <a href="issue_info.php">Issue Information</a></div>
        <div class="h"><a href="expired.php">Expired List</a></div>
    </div>

    <div id="main">

        <span style="font-size:30px;cursor:pointer" onclick="openNav()">&#9776;
    </span>

    <script>
    function openNav() {
        document.getElementById("mySidenav").style.width = "300px";
        document.getElementById("main").style.marginLeft = "300px";
        document.body.style.backgroundColor = "rgba(0,0,0,0.4)";
    }

    function closeNav() {
        document.getElementById("mySidenav").style.width = "0";
        document.getElementById("main").style.marginLeft= "0";
        document.body.style.backgroundColor = "white";
    }
    </script>
    <div class="container">
        <h3 style="text-align: center;">Information of Borrowed Books</h3><br>
        <?php
        $c=0;

        if(isset($_SESSION['login_user']))
        {
            $sql="SELECT
student.username,roll,books.bid,name,authors,edition,issue,issue_book.return
FROM student inner join issue_book ON student.username=issue_book.username
inner join books ON issue_book.bid=books.bid WHERE issue_book.approve ='Yes'
ORDER BY `issue_book`.`return` ASC";

```

```

$res=mysqli_query($db,$sql);

echo "<table class='table table-bordered' style='width:100%;' >";
//Table header

echo "<tr style='background-color: #6db6b9e6;'>";
echo "<th>"; echo "Username"; echo "</th>";
echo "<th>"; echo "Roll No"; echo "</th>";
echo "<th>"; echo "BID"; echo "</th>";
echo "<th>"; echo "Book Name"; echo "</th>";
echo "<th>"; echo "Authors Name"; echo "</th>";
echo "<th>"; echo "Edition"; echo "</th>";
echo "<th>"; echo "Issue Date"; echo "</th>";
echo "<th>"; echo "Return Date"; echo "</th>";

echo "</tr>";
echo "</table>";

echo "<div class='scroll'>";
echo "<table class='table table-bordered' >";
while($row=mysqli_fetch_assoc($res))
{
$d=date("Y-m-d");
if($d > $row['return'])
{
$c=$c+1;
$var='<p style="color:yellow; background-color:red;">EXPIRED</p>';

mysqli_query($db,"UPDATE issue_book SET approve='$var' where
`return`='$row[return]' and approve='Yes' limit $c;");

echo $d."<br>";
}

echo "<tr>";
echo "<td>"; echo $row['username']; echo "</td>";
echo "<td>"; echo $row['roll']; echo "</td>";
echo "<td>"; echo $row['bid']; echo "</td>";
echo "<td>"; echo $row['name']; echo "</td>";
echo "<td>"; echo $row['authors']; echo "</td>";
echo "<td>"; echo $row['edition']; echo "</td>";
echo "<td>"; echo $row['issue']; echo "</td>";
echo "<td>"; echo $row['return']; echo "</td>";
echo "</tr>";
}
echo "</table>";
echo "</div>";

```

```

    }
    else
    {
        ?>
        <h3 style="text-align: center;">Login to see information of Borrowed
Books</h3>
        <?php
        }
        ?>
    </div>
</div>
</body>
</html>

```

EXPIRED.PHP

```

<?php
    include "connection.php";
    include "navbar.php";
?>
<!DOCTYPE html>
<html>
<head>
    <title>Book Request</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <style type="text/css">

        .srch
        {
            padding-left: 70%;

        }
        .form-control
        {
            width: 300px;
            height: 40px;
            background-color: black;
            color: white;
        }

        body {
            background-image: url("images/aa.jpg");
            background-repeat: no-repeat;
            font-family: "Lato", sans-serif;
            transition: background-color .5s;
        }
    }

```

```

.sidenav {
  height: 100%;
  margin-top: 50px;
  width: 0;
  position: fixed;
  z-index: 1;
  top: 0;
  left: 0;
  background-color: #222;
  overflow-x: hidden;
  transition: 0.5s;
  padding-top: 60px;
}

.sidenav a {
  padding: 8px 8px 8px 32px;
  text-decoration: none;
  font-size: 25px;
  color: #818181;
  display: block;
  transition: 0.3s;
}

.sidenav a:hover {
  color: white;
}

.sidenav .closebtn {
  position: absolute;
  top: 0;
  right: 25px;
  font-size: 36px;
  margin-left: 50px;
}

#main {
  transition: margin-left .5s;
  padding-left: 15px;
}

@media screen and (max-height: 450px) {
  .sidenav {padding-top: 15px;}
  .sidenav a {font-size: 18px;}
}

.img-circle
{
  margin-left: 20px;
}

```



```

}
.h:hover
{
    color:white;
    width: 300px;
    height: 50px;
    background-color: #00544c;
}
.container
{
    height: 800px;
    width: 85%;
    background-color: black;
    opacity: .8;
    color: white;
    margin-top: -65px;
}
.scroll
{
    width: 100%;
    height: 400px;
    overflow: auto;
}
th,td
{
    width: 10%;
}

</style>

</head>
<body>
<!-- _____sidenav_____ -->

    <div id="mysidenav" class="sidenav">
        <a href="javascript:void(0)" class="closebtn"
onclick="closeNav()">&times;</a>

            <div style="color: white; margin-left: 60px; font-size: 20px;"

                <?php
                    if(isset($_SESSION['login_user']))

                        {   echo "<img class='img-circle profile_img' height=120
width=120 src='images/" .$_SESSION['pic']."'>";
                            echo "</br></br>";

                                echo "Welcome " .$_SESSION['login_user'];

```



```

        <form method="post" action="" name="form1">
            <input type="text" name="username" class="form-control"
placeholder="Username" required=""><br>
            <input type="text" name="bid" class="form-control"
placeholder="BID" required=""><br>
            <button class="btn btn-default" name="submit"
type="submit">Submit</button><br><br>
        </form>
    </div>
<?php

    if(isset($_POST['submit']))
    {

        $res=mysqli_query($db,"SELECT * FROM `issue_book` where
username='$_POST[username]' and bid='$_POST[bid]' ");

        while($row=mysqli_fetch_assoc($res))
        {
            $d= strtotime($row['return']);
            $c= strtotime(date("Y-m-d"));
            $diff= $c-$d;

            if($diff>=0)
            {
                $day= floor($diff/(60*60*24));
                $fine= $day*10;
            }
        }

        $x= date("Y-m-d");
        mysqli_query($db,"INSERT INTO `fine` VALUES ('$_POST[username]',
'$_POST[bid]', '$x', '$day', '$fine','not paid' );");

        $var1='<p style="color:yellow; background-
color:green;">RETURNED</p>';
        mysqli_query($db,"UPDATE issue_book SET approve='$var1' where
username='$_POST[username]' and bid='$_POST[bid]' ");

        mysqli_query($db,"UPDATE books SET quantity = quantity+1 where
bid='$_POST[bid]' ");

    }
}

$c=0;

$ret='<p style="color:yellow; background-color:green;">RETURNED</p>';

```

```

    $exp='<p style="color:yellow; background-color:red;">EXPIRED</p>';

if(isset($_POST['submit2']))
{

    $sql="SELECT
student.username,roll,books.bid,name,authors,edition,approve,issue,issue_book.
return FROM student inner join issue_book ON
student.username=issue_book.username inner join books ON
issue_book.bid=books.bid WHERE issue_book.approve ='$ret' ORDER BY
`issue_book`.`return` DESC";
    $res=mysqli_query($db,$sql);

}
else if(isset($_POST['submit3']))
{
    $sql="SELECT
student.username,roll,books.bid,name,authors,edition,approve,issue,issue_book.
return FROM student inner join issue_book ON
student.username=issue_book.username inner join books ON
issue_book.bid=books.bid WHERE issue_book.approve ='$exp' ORDER BY
`issue_book`.`return` DESC";
    $res=mysqli_query($db,$sql);
}
else
{
    $sql="SELECT
student.username,roll,books.bid,name,authors,edition,approve,issue,issue_book.
return FROM student inner join issue_book ON
student.username=issue_book.username inner join books ON
issue_book.bid=books.bid WHERE issue_book.approve !='' and issue_book.approve
!='Yes' ORDER BY `issue_book`.`return` DESC";
    $res=mysqli_query($db,$sql);
}

echo "<table class='table table-bordered' style='width:100%;' >";
//Table header

echo "<tr style='background-color: #6db6b9e6;'>";
echo "<th>"; echo "Username"; echo "</th>";
echo "<th>"; echo "Roll No"; echo "</th>";
echo "<th>"; echo "BID"; echo "</th>";
echo "<th>"; echo "Book Name"; echo "</th>";
echo "<th>"; echo "Authors Name"; echo "</th>";
echo "<th>"; echo "Edition"; echo "</th>";
echo "<th>"; echo "Status"; echo "</th>";
echo "<th>"; echo "Issue Date"; echo "</th>";
echo "<th>"; echo "Return Date"; echo "</th>";

```

```

        echo "<th>"; echo "Fine in Rs"; echo "</th>";

echo "</tr>";
echo "</table>";

echo "<div class='scroll'>";
echo "<table class='table table-bordered' >";
while($row=mysqli_fetch_assoc($res))
{
    echo "<tr>";
    echo "<td>"; echo $row['username']; echo "</td>";
    echo "<td>"; echo $row['roll']; echo "</td>";
    echo "<td>"; echo $row['bid']; echo "</td>";
    echo "<td>"; echo $row['name']; echo "</td>";
    echo "<td>"; echo $row['authors']; echo "</td>";
    echo "<td>"; echo $row['edition']; echo "</td>";
    echo "<td>"; echo $row['approve']; echo "</td>";
    echo "<td>"; echo $row['issue']; echo "</td>";
    echo "<td>"; echo $row['return']; echo "</td>";
    $d= strtotime($row['return']);
    $c= strtotime(date("Y-m-d"));
    $diff= $c-$d;

    if($diff>=0)
    {
        $day= floor($diff/(60*60*24));
        $fine= $day*10;
    }
    echo "<td>"; echo $fine; echo "</td>";
    echo "</tr>";
}
echo "</table>";
echo "</div>";

?>
</div>
</div>
</body>
</html>

```

FINE.PHP

```

<?php
include "connection.php";
include "navbar.php";
?>
<!DOCTYPE html>

```

```

<html>
<head>
  <title>Fine Calculation </title>
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <style type="text/css">
    .srch
    {
      padding-left: 850px;
    }
    body {
font-family: "Lato", sans-serif;
transition: background-color .5s;
}

.sidenav {
height: 100%;
margin-top: 50px;
width: 0;
position: fixed;
z-index: 1;
top: 0;
left: 0;
background-color: #222;
overflow-x: hidden;
transition: 0.5s;
padding-top: 60px;
}

.sidenav a {
padding: 8px 8px 8px 32px;
text-decoration: none;
font-size: 25px;
color: #818181;
display: block;
transition: 0.3s;
}

.sidenav a:hover {
color: #f1f1f1;
}

.sidenav .closebtn {
position: absolute;
top: 0;
right: 25px;
font-size: 36px;
margin-left: 50px;
}

```

```

#main {
    transition: margin-left .5s;
    padding: 16px;
}

@media screen and (max-height: 450px) {
    .sidenav {padding-top: 15px;}
    .sidenav a {font-size: 18px;}
}
.img-circle
{
    margin-left: 20px;
}
.h:hover
{
    color:white;
    width: 300px;
    height: 50px;
    background-color: #00544c;
}

.pay .form-control{
    margin-bottom: 12px;
}

</style>
</head>
<body>

<!--_____sidenav_____-->

    <div id="mySidenav" class="sidenav">
        <a href="javascript:void(0)" class="closebtn"
onclick="closeNav()">&times;</a>

        <div style="color: white; margin-left: 60px; font-size: 20px;">

            <?php
                if(isset($_SESSION['login_user']))

                {
                    echo "<img class='img-circle profile_img' height=120
width=120 src='images/" .$_SESSION['pic']."'>";
                    echo "</br></br>";

                    echo "Welcome " .$_SESSION['login_user'];
                }
            }

```

```

        ?>
    </div>
<br><br>
    <div class="h"><a href="request.php">Book Request</a></div>
    <div class="h"><a href="issue_info.php">Issue Information</a></div>
    <div class="h"><a href="expired.php">Expired List</a></div>
</div>

<div id="main">

    <span style="font-size:30px;cursor:pointer"
onclick="openNav()">&#9776;</span>

<script>
function openNav() {
    document.getElementById("mySidenav").style.width = "300px";
    document.getElementById("main").style.marginLeft = "300px";
    document.body.style.backgroundColor = "rgba(0,0,0,0.4)";
}

function closeNav() {
    document.getElementById("mySidenav").style.width = "0";
    document.getElementById("main").style.marginLeft= "0";
    document.body.style.backgroundColor = "white";
}
</script>

    <!-- _____ search bar _____ -->

<div class="container">
    <div class="srch">
        <form class="navbar-form" method="post" name="form1">

            <input class="form-control" type="text" name="search"
placeholder="Student username.." required="">
            <button style="background-color: #6db6b9e6;" type="submit"
name="submit" class="btn btn-default">
                <span class="glyphicon glyphicon-search"></span>
            </button>
        </form>
    </div>

<!-- start -->

    <div style="text-align: center; margin-top:-40px; width:400px; border:
2px solid #00544c;" class="pay">

```



```

<h4 style="text-align: center;">Pay Fine...</h4>
<form class="navbar-form" method="post" name="form1">
  <input class="form-control" type="text" name="username"
placeholder="Student username.." required="">
  <input type="text" name="bid" class="form-control"
placeholder="BID" required=""><br>
  <button style="background-color: #6db6b9e6;" type="submit"
name="submit_fine" class="btn btn-default">
  <span class="glyphicon ">PAY</span>
</button>
</form>
</div>

```

```

<?php
  if(isset($_POST['submit_fine']))
  {
    $var1='<p style="color:yellow; background-
color:green;">Paid</p>';
    mysqli_query($db,"UPDATE fine SET `status`=`$var1` where
username='$_POST[username]' and bid='$_POST[bid]' ");
  }
?>

```

```

<!-- End -->

```

```

<h2>List Of Students</h2>

```

```

<?php
  if(isset($_POST['submit']))
  {
    $q=mysqli_query($db,"SELECT * FROM `fine` where username like
'".$_POST[search]%' ");
    if(mysqli_num_rows($q)==0)
    {
      echo "Sorry! No student found with that username. Try
searching again.";
    }
    else
    {
      echo "<table class='table table-bordered table-hover' >";
      echo "<tr style='background-color: #6db6b9e6;'>";
      //Table header
      echo "<th>"; echo " Username "; echo "</th>";
      echo "<th>"; echo " Bid "; echo "</th>";
      echo "<th>"; echo " Returned "; echo "</th>";
      echo "<th>"; echo " Days "; echo "</th>";
    }
  }

```



```

        }
        echo "</table>";
    }

    ?>
</div>
</body>
</html>

```

STUDENT.PHP

```

<?php
    include "connection.php";
    include "navbar.php";
?>
<!DOCTYPE html>
<html>
<head>
    <title>Student Information</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <style type="text/css">
        .srch
        {
            padding-left: 850px;
        }
        body {
            font-family: "Lato", sans-serif;
            transition: background-color .5s;
        }

        .sidenav {
            height: 100%;
            margin-top: 50px;
            width: 0;
            position: fixed;
            z-index: 1;
            top: 0;
            left: 0;
            background-color: #222;
            overflow-x: hidden;
            transition: 0.5s;
            padding-top: 60px;
        }

        .sidenav a {
            padding: 8px 8px 8px 32px;
            text-decoration: none;

```

```

    font-size: 25px;
    color: #818181;
    display: block;
    transition: 0.3s;
}

.sidenav a:hover {
    color: #f1f1f1;
}

.sidenav .closebtn {
    position: absolute;
    top: 0;
    right: 25px;
    font-size: 36px;
    margin-left: 50px;
}

#main {
    transition: margin-left .5s;
    padding: 16px;
}

@media screen and (max-height: 450px) {
    .sidenav {padding-top: 15px;}
    .sidenav a {font-size: 18px;}
}

.img-circle
{
    margin-left: 20px;
}

.h:hover
{
    color:white;
    width: 300px;
    height: 50px;
    background-color: #00544c;
}

</style>
</head>
<body>

<!-- _____sidenav_____ -->

    <div id="mySidenav" class="sidenav">
        <a href="javascript:void(0)" class="closebtn"
onclick="closeNav()">&times;</a>

```

```

        <div style="color: white; margin-left: 60px; font-size: 20px;">

            <?php
            if(isset($_SESSION['login_user']))

                {
                    echo "<img class='img-circle profile_img' height=120
width=120 src='images/".$_SESSION['pic']."'>";
                    echo "</br></br>";

                    echo "Welcome ".$_SESSION['login_user'];
                }

            ?>
        </div>

<br><br>
        <div class="h"><a href="request.php">Book Request</a></div>
        <div class="h"><a href="issue_info.php">Issue Information</a></div>
        <div class="h"><a href="expired.php">Expired List</a></div>
</div>

<div id="main">

    <span style="font-size:30px;cursor:pointer"
onclick="openNav()">&#9776;</span>

<script>
function openNav() {
    document.getElementById("mySidenav").style.width = "300px";
    document.getElementById("main").style.marginLeft = "300px";
    document.body.style.backgroundColor = "rgba(0,0,0,0.4)";
}

function closeNav() {
    document.getElementById("mySidenav").style.width = "0";
    document.getElementById("main").style.marginLeft= "0";
    document.body.style.backgroundColor = "white";
}
</script>

    <!-- _____ search bar _____ -->
<div class="container">
    <div class="srch">
        <form class="navbar-form" method="post" name="form1">

            <input class="form-control" type="text" name="search"
placeholder="Student username.." required="">

```

```

        <button style="background-color: #6db6b9e6;" type="submit"
name="submit" class="btn btn-default">
        <span class="glyphicon glyphicon-search"></span>
    </button>
</form>
</div>
<h2>List of Students</h2>
<?php
    if(isset($_POST['submit']))
    {
        $q=mysqli_query($db,"SELECT first,last,username,roll,email,contact
FROM `student` where username like '%$_POST[search]%' ");

        if(mysqli_num_rows($q)==0)
        {
            echo "Sorry! No student found with that username. Try
searching again.";
        }
        else
        {
            echo "<table class='table table-bordered table-hover' >";
            echo "<tr style='background-color: #6db6b9e6;'>";
                //Table header
                echo "<th>"; echo "First Name"; echo "</th>";
                echo "<th>"; echo "Last Name"; echo "</th>";
                echo "<th>"; echo "Username"; echo "</th>";
                echo "<th>"; echo "Roll"; echo "</th>";
                echo "<th>"; echo "Email"; echo "</th>";
                echo "<th>"; echo "Contact"; echo "</th>";

            echo "</tr>";

            while($row=mysqli_fetch_assoc($q))
            {
                echo "<tr>";
                echo "<td>"; echo $row['first']; echo "</td>";
                echo "<td>"; echo $row['last']; echo "</td>";
                echo "<td>"; echo $row['username']; echo "</td>";
                echo "<td>"; echo $row['roll']; echo "</td>";
                echo "<td>"; echo $row['email']; echo "</td>";
                echo "<td>"; echo $row['contact']; echo "</td>";

                echo "</tr>";
            }
            echo "</table>";
        }
    }
    /*if button is not pressed.*/

```

```

        else
        {
            $res=mysqli_query($db,"SELECT
first,last,username,roll,email,contact FROM `student`");

            echo "<table class='table table-bordered table-hover' >";
            echo "<tr style='background-color: #6db6b9e6;'>";
                //Table header
                echo "<th>"; echo "First Name"; echo "</th>";
                echo "<th>"; echo "Last Name"; echo "</th>";
                echo "<th>"; echo "Username"; echo "</th>";
                echo "<th>"; echo "Roll"; echo "</th>";
                echo "<th>"; echo "Email"; echo "</th>";
                echo "<th>"; echo "Contact"; echo "</th>";
            echo "</tr>";

            while($row=mysqli_fetch_assoc($res))
            {
                echo "<tr>";

                echo "<td>"; echo $row['first']; echo "</td>";
                echo "<td>"; echo $row['last']; echo "</td>";
                echo "<td>"; echo $row['username']; echo "</td>";
                echo "<td>"; echo $row['roll']; echo "</td>";
                echo "<td>"; echo $row['email']; echo "</td>";
                echo "<td>"; echo $row['contact']; echo "</td>";

                echo "</tr>";
            }
            echo "</table>";
        }
    ?>
</div>
</body>
</html>

```

LOGOUT.PHP

```

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

```

STUDENT SIDE

CONNECTION.PHP

```
<?php

$db = mysqli_connect('localhost', 'root', '', 'library');
// server name, username, password, database name

?>
```

REGISTER.PHP

```
<?php
    include "connection.php";
    // include "navbar.php";
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>login</title>

    <!-- Latest compiled and minified CSS -->
```



```

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<!-- jQuery library -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<!-- Latest compiled JavaScript -->
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

<!--css-link ----- -->
<link rel="stylesheet" href="login-page.css">
</head>
<body>
<header>
<div class="nav">

<div class="nav-items">
<ul class="links-container">
<li class="link-item"><a href="index.php" class="link ">home</a></li>
<li class="link-item"><a href="books.php" class="link">Books</a></li>
<li class="link-item"><a href="student_login.php" class="link">student
login</a></li>
<li class="link-item"><a href="feedback.php" class="link">feedback</a></li>
<li class="link-item"><a href="#" class="link">contact</a></li>
</ul>
<!-- <div class="search">
<input type="text" placeholder="search items here" class="search-box">
<button class="search-btn">Search</button>
</div>

```

```

    <a href="login.html"><i class="fa fa-user" aria-hidden="true"></i></a>
    <a href="#"><i class="fa fa-shopping-cart" aria-hidden="true"></i></a> -->
  </div>
</div>
</header>
<section>
  <div class="reg_img">
    <div class="box1-reg">
      <h1>library management system</h1>
      <h1 style="font-size: 25px;">registration form</h1>

      <form name="register" action="" method="post">
        <div class="login">
          <input type="text" class="form-control" name="firstname" placeholder="First
Name" required><br>
          <input type="text" class="form-control" name="lastname" placeholder="Last
Name" required><br>
          <input type="text" class="form-control" name="username"
placeholder="Username" required><br>
          <input type="text" class="form-control" name="contact"
placeholder="contact" required><br>
          <input type="email" class="form-control" name="email" placeholder="E-mail"
required><br>
          <input type="password" class="form-control" name="password"
placeholder="Password" required><br>
          <input class="btn btn-default" type="submit" name="submit" value="Sign
up">
        </div>
      </form>

    </div>
  </div>

```

```
</section>
```

```
<footer></footer>
```

```
<?php
```

```
if(isset($_POST['submit']))
```

```
{
```

```
    $count = 0;
```

```
    $sql = "SELECT username from `student`";
```

```
    $res = mysqli_query($db, $sql);
```

```
    while($row = mysqli_fetch_assoc($res))
```

```
    {
```

```
        if($row['username']== $_POST['username'])
```

```
        {
```

```
            $count=$count+1;
```

```
        }
```

```
    }
```

```
    if($count == 0){
```

```
        mysqli_query($db,"INSERT INTO `STUDENT` VALUES('$_POST[firstname]',  
'$_POST[lastname]',
```

```
        '$_POST[username]', '$_POST[contact]', '$_POST[email]', '$_POST[password]',  
'p.jpg' );" );
```

```
?>
```

```
<script type="text/javascript">
```

```
    alert("registration succesful")
```

```
</script>
```

```
<?php
```

```
}
```

```
        else{

?>
<script type="text/javascript">
    alert("The username already exist...");
</script>
<?php
    }
}
?>

</body>
</html>
```

LOGIN.PHP

```
<?php
    include "navbar.php";
    include "connection.php";
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>login</title>

    <!-- Latest compiled and minified CSS -->
```

```
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<!-- jQuery library -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<!-- Latest compiled JavaScript -->
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

<!-- ----css-link ----- -->
<link rel="stylesheet" href="login.css">
<style>

    body {
        font-family: "Lato", sans-serif;
        transition: background-color .5s;
    }

.sidenav {
    height: 100%;
    margin-top: 50px;

    width: 0;
    position: fixed;
    z-index: 1;
    top: 0;
    left: 0;
    background-color: #222;
    overflow-x: hidden;
```

```
transition: 0.5s;
padding-top: 60px;
}
```

```
.sidenav a {
padding: 8px 8px 8px 32px;
text-decoration: none;
font-size: 25px;
color: #818181;
display: block;
transition: 0.3s;
}
```

```
.sidenav a:hover {
color: #f1f1f1;
}
```

```
.sidenav .closebtn {
position: absolute;
top: 0;
right: 25px;
font-size: 36px;
margin-left: 50px;
}
```

```
#main {
transition: margin-left .5s;
padding: 16px;
}
```

```

@media screen and (max-height: 450px) {
  .sidenav {padding-top: 15px;}
  .sidenav a {font-size: 18px;}
}
</style>
</head>
<body>
  <!-- <header>
    <div class="nav">
      
      <div class="nav-items">
        <ul class="links-container">
          <li class="link-item"><a href="index.php" class="link ">home</a></li>
          <li class="link-item"><a href="books.php" class="link">Books</a></li>
          <li class="link-item"><a href="student_login.php" class="link active">student
login</a></li>
          <li class="link-item"><a href="feedback.php" class="link">feedback</a></li>
          <li class="link-item"><a href="#" class="link">contact</a></li>
        </ul>
      </div>
    </div>
  </div>
  </header> -->
  <section>
    <div class="log_img">
      <div class="box1">
        <h1>library management system</h1>
        <h1 style="font-size: 25px;">user login form</h1>

```

```

<form name="login" action="" method="post">
  <div class="login">
    <input type="text" class="form-control" name="username"
placeholder="Username" required><br>
    <input type="password" class="form-control" name="password"
placeholder="Password" required><br>
    <input class="btn btn-default" type="submit" name="submit" value="Login">
  </div>
</form>
<div class="form-footer">
  <a href="update_password.php">Forget password</a>
  <p>New here? <a href="register.php">Sign Up</a></p>
</div>
</div>
</div>
</section>
<?php
  if(isset($_POST['submit'])){
    $count = 0;
    $res = mysqli_query($db, "SELECT * FROM `STUDENT` WHERE username
='$_POST[username]' && password ='$_POST[password]");
    $row = mysqli_fetch_assoc($res);
    $count = mysqli_num_rows($res);
    if($count == 0)
    {
?>
  <!-- <script type="text/javascript">
    alert("The username and password doesn't match..");
  </script> -->
  <div class="alert alert-danger" style="text-align: center; color:red;">

```



```
        <strong> username and password dosn't match.</strong>
    </div>
<?php
    }
    else{
        $_SESSION['login_user']=$_POST['username'];
        $_SESSION['pic']= $row['pic'];
    ?>
    <script type="text/javascript">
        window.location="index.php";
    </script>
<?php
    }
}
?>
</body>
</html>
```

UPDATE PASSWORD.PHP

```
<?php
include "connection.php";
include "navbar.php";
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>Update password</title>
<style type="text/css">
  body{
    width: 100vw;
    height: 650px;
    background-image: url("Images/login_page.jpg");
    background-repeat: no-repeat;
    background-size: cover;
  }
  .wrapper{
    width: 400px;
    height: 400px;
    margin: 10vh auto;
    background-color: black;
    opacity: .8;
    color: white;
  }
</style>
</head>
<body>
  <div class="wrapper">
    <div style="text-align: center;">
      <h1 style="text-align: center; font-size: 32px; padding: 30px;">Change your
password</h1>
    </div>

    <form action="" method="post">
      <div style="padding: 20px;">
        <input type="text" name="username" class="form-control"
placeholder="Username" required><br>
```

```

        <input type="text" name="email" class="form-control" placeholder="Email"
required><br>
        <input type="text" name="password" class="form-control" placeholder="New
password" required><br>
        <button class="btn btn-default" type="submit" name="submit">Update</button>
    </div>
</form>
</div>
<?php
    if(isset($_POST['submit']))
    {
        if(mysqli_query($db,"UPDATE `student` SET password='$_POST[password]' WHERE
username='$_POST[username]' AND email='$_POST[email];")
        {
            ?>
            <script type="text/javascript">
                alert("Password changed succesfully");
            </script>
            <?php
            }
        }
    ?>
</body>
</html>

```

NAVBAR.PHP

```

<?php
include "connection.php";
include "navbar.php";
?>

```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Update password</title>

  <style type="text/css">
    body{
      width: 100vw;
      height: 650px;
      background-image: url("Images/login_page.jpg");
      background-repeat: no-repeat;
      background-size: cover;
    }
    .wrapper{
      width: 400px;
      height: 400px;
      margin: 10vh auto;
      background-color: black;
      opacity: .8;
      color: white;
    }
  </style>
</head>
<body>
  <div class="wrapper">
    <div style="text-align: center;">
```

```

        <h1 style="text-align: center; font-size: 32px; padding: 30px;">Change your
password</h1>
    </div>
    <form action="" method="post">
        <div style="padding: 20px;">
            <input type="text" name="username" class="form-control"
placeholder="Username" required><br>
            <input type="text" name="email" class="form-control" placeholder="Email"
required><br>
            <input type="text" name="password" class="form-control" placeholder="New
password" required><br>
            <button class="btn btn-default" type="submit" name="submit">Update</button>
        </div>
    </form>
</div>
<?php
    if(isset($_POST['submit']))
    {
        if(mysql_query($db,"UPDATE `student` SET password='$_POST[password]' WHERE
username='$_POST[username]' AND email='$_POST[email];"))
        {
            ?>
            <script type="text/javascript">
                alert("Password changed succesfully");
            </script>
            <?php
        }
    }
?>
</body>
</html>

```

INDEX.PHP

```
<?php
    session_start();
    include "connection.php";

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Library Management System</title>

    <!-- css link -->
    <link rel="stylesheet" href="#">
    <link rel="stylesheet" href="loginpage.css">

    <!-- font awesome link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

    <style>
        .link{
            text-transform: uppercase;
        }
    </style>

</head>
<body>
```

```

<header>
  <div class="nav">
    

    <?php
    if(isset($_SESSION['login_user']))
    {
      ?>
      <div class="nav-items">

        <ul class="links-container">
          <li class="link-item"><a href="index.php" class="link active">home</a></li>
          <li class="link-item"><a href="books.php" class="link">Books</a></li>
          <li class="link-item"><a href="logout.php" class="link">Logout</a></li>
          <li class="link-item"><a href="feedback.php" class="link">feedback</a></li>
          <li class="link-item"><a href="#" class="link">contact</a></li>
        </ul>

      </div>

      <?php
    }
    else{
      ?>

      <div class="nav-items">

        <ul class="links-container">

```

```

    <li class="link-item"><a href="index.php" class="link active">home</a></li>
    <li class="link-item"><a href="books.php" class="link">Books</a></li>
    <li class="link-item"><a href="student_login.php" class="link">Student
login</a></li>
    <li class="link-item"><a href="feedback.php" class="link">feedback</a></li>
    <li class="link-item"><a href="#" class="link">contact</a></li>
</ul>
</div>
<?php
}
?>
</div>
</header>
<section>
    <div class="home-img"></div>
</section>
<?php
    include "footer.php";
?>
</body>
</html>

```

BOOKS.PHP

```

<?php
    include "navbar.php";
    include "connection.php"
?>

<!DOCTYPE html>
<html lang="en">

```



```

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <!-- font awesome link -->
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

  <!-- Latest compiled and minified CSS -->
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

  <!-- jQuery library -->
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

  <!-- Latest compiled JavaScript -->
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

  <title>Books</title>
  <link rel="icon" href="favicon.ico" type="image/x-icon">
  <style type="text/css">
    .srch{
      padding-left: 1000px;
    }
    body {
      font-family: "Lato", sans-serif;
      transition: background-color .5s;
    }
    .sidenav {
      height: 100%;

```

```
margin-top: 50px;
width: 0;
position: fixed;
z-index: 1;
top: 0;
left: 0;
background-color: #222;
overflow-x: hidden;
transition: 0.5s;
padding-top: 60px;
}
```

```
.sidenav a {
padding: 8px 8px 8px 32px;
text-decoration: none;
font-size: 25px;
color: #818181;
display: block;
transition: 0.3s;
}
```

```
.sidenav a:hover {
color: black;
}
```

```
.sidenav .closebtn {
position: absolute;
top: 0;
right: 25px;
```

```
font-size: 36px;
margin-left: 50px;
}
```

```
#main {
    transition: margin-left .5s;

    padding: 16px;
}
```

```
.eff:hover{
    background-color: white;
    color: black;
    opacity: 0.9;
}
```

```
@media screen and (max-height: 450px) {
    .sidenav {padding-top: 15px;}
    .sidenav a {font-size: 18px;}
}
```

```
</style>
</head>
<body>
<div id="mySidenav" class="sidenav">
    <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a>

    <div style="color: white; margin-left:50px;">
```

```

<?php
    if(isset($_SESSION['login_user']))
        { echo "<img class='img-circle profile_img' height=30 width=30
src='Images/' . $_SESSION['pic'] . "' >";
        echo "</br>";
        echo " " . $_SESSION['login_user'];
        }
?>
</div>
<div class="eff"><a href="add.php">Book</a></div>
<div class="eff"><a href="request.php">Book Request</a></div>
<div class="eff"><a href="issue_info.php">Issue Information</a></div>
</div>
<div id="main">
    <span style="font-size:30px;cursor:pointer" onclick="openNav()">&#9776; Open</span>

<script>
function openNav() {
    document.getElementById("mySidenav").style.width = "250px";
    document.getElementById("main").style.marginLeft = "250px";
    document.body.style.backgroundColor = "rgba(0,0,0,0.4)";
}

function closeNav() {
    document.getElementById("mySidenav").style.width = "0";
    document.getElementById("main").style.marginLeft= "0";
    document.body.style.backgroundColor = "white";
}
</script>

```

```
<!-- -----Search Bar----- -->
```

```
<div class="srch">
```

```
<form action="" class="navbar-form" method="POST" name="form1">
```

```
<div>
```

```
<input class="form-control" type="text" name="search" placeholder="search  
books..." required>
```

```
<button type="submit" name="submit" class="btn btn-default">
```

```
<span class="glyphicon glyphicon-search"></span>
```

```
</button>
```

```
</div>
```

```
</form>
```

```
</div>
```

```
<!-- request book -->
```

```
<div class="srch">
```

```
<form action="" class="navbar-form" method="POST" name="form1">
```

```
<div>
```

```
<input class="form-control" type="text" name="bid" placeholder="Enter book id"  
required>
```

```
<button type="submit" name="submit1" class="btn btn-default">
```

```
Request
```

```
</button>
```

```
</div>
```

```
</form>
```

```
</div>
```

```
<h2>List of books</h2>
```

```
<?php
```

```
    if(isset($_POST['submit'])){
```

```
        $q=mysqli_query($db,"SELECT * FROM `books` where name like '%$_POST[search]%'");
```

```
        if(mysqli_num_rows($q)==0){
```

```
            echo "Sorry! No book found. Try search again.";
```

```
        }
```

```
        else{
```

```
            echo "<table class ='table table-bordered table hover'>";
```

```
            echo "<tr style='background-color: white;'>";
```

```
            // table header
```

```
                echo "<th>"; echo "ID"; echo "</th>";
```

```
                echo "<th>"; echo "Book Name"; echo "</th>";
```

```
                echo "<th>"; echo "Authors Name"; echo "</th>";
```

```
                echo "<th>"; echo "Edition"; echo "</th>";
```

```
                echo "<th>"; echo "Status"; echo "</th>";
```

```
                echo "<th>"; echo "Quantity"; echo "</th>";
```

```
                echo "<th>"; echo "Department"; echo "</th>";
```

```
            echo "</tr>";
```

```
            while($row=mysqli_fetch_assoc($q))
```

```
            {
```

```
                echo "<tr>";
```

```
                    echo "<td>"; echo $row['bid'] ; echo "</td>";
```

```
                    echo "<td>&nbsp; &nbsp;"; echo $row['name'] ; echo "</td>";
```

```
                    echo "<td>&nbsp; &nbsp;"; echo $row['authors']; echo "</td>";
```

```
                    echo "<td>&nbsp; &nbsp;"; echo $row['edition']; echo "</td>";
```

```

        echo "<td>&nbsp; &nbsp;"; echo $row['status']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['quantity']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['department']; echo "</td>";
    echo "</tr>";

}

    echo "</table>";
}

}

// if button not pressed
else{
    $res = mysqli_query($db, "SELECT * FROM `books` ORDER BY `books`.`name` ASC;");

    echo "<table class ='table table-bordered table hover'>";
    echo "<tr style='background-color: white;'>";
        // table header
        echo "<th>"; echo "ID"; echo "</th>";
        echo "<th>"; echo "Book Name"; echo "</th>";
        echo "<th>"; echo "Authors Name"; echo "</th>";
        echo "<th>"; echo "Edition"; echo "</th>";
        echo "<th>"; echo "Status"; echo "</th>";
        echo "<th>"; echo "Quantity"; echo "</th>";
        echo "<th>"; echo "Department"; echo "</th>";
    echo "</tr>";

    while($row=mysqli_fetch_assoc($res))

```

```

{
    echo "<tr>";
        echo "<td>"; echo $row['bid']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['name']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['authors']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['edition']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['status']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['quantity']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['department']; echo "</td>";
    echo "</tr>";

}
echo "</table>";
}
if(isset($_POST['submit1']))
{
    if(isset($_SESSION['login_user']))
    {
        mysqli_query($db, "INSERT into `issue_book` VALUES('$_SESSION[login_user]',
'$_POST[bid]', ", ", ");");
        ?>
        <script type="text/javascript">
            window.location="request.php";
        </script>
        <?php
    }

else{
    ?>
    <script type="text/javascript">

```



```
        alert("You need to login to request a book.");
    </script>
    <?php
    }
    }
?>
</div>
</body>
</html>
```

REQUEST.PHP

```
<?php
    include "navbar.php";
    include "connection.php"
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Book Request</title>
    <style type="text/css">
        .srch{
            padding-left: 1000px;
        }
    </style>
</head>
<body>
```

```
body {  
  font-family: "Lato", sans-serif;  
  transition: background-color .5s;  
}
```

```
.sidenav {  
  height: 100%;  
  margin-top: 50px;  
  
  width: 0;  
  position: fixed;  
  z-index: 1;  
  top: 0;  
  left: 0;  
  background-color: #222;  
  overflow-x: hidden;  
  transition: 0.5s;  
  padding-top: 60px;  
}
```

```
.sidenav a {  
  padding: 8px 32px;  
  text-decoration: none;  
  font-size: 25px;  
  color: #818181;  
  display: block;  
  transition: 0.3s;  
}
```

```
.sidenav a:hover {
  color: black;
}

.sidenav .closebtn {
  position: absolute;
  top: 0;
  right: 25px;
  font-size: 36px;
  margin-left: 50px;
}

#main {
  transition: margin-left .5s;
  padding: 16px;
}

.eff:hover{
  background-color: white;
  color: black;
  opacity: 0.9;
}

@media screen and (max-height: 450px) {
  .sidenav {padding-top: 15px;}
  .sidenav a {font-size: 18px;}
}

</style>
```

```

</head>
<body>
<div id="mySidenav" class="sidenav">
  <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a>

  <div style="color: white; margin-left:50px;">

  <?php
  if(isset($_SESSION['login_user']))
    { echo "<img class='img-circle profile_img' height=30 width=30
src='Images/" . $_SESSION['pic'] . "' >";
    echo "<br>";
    echo " " . $_SESSION['login_user'];
    }
  ?>
</div>

  <div class="eff"><a href="add.php">Book</a></div>
  <div class="eff"><a href="request.php">Book Request</a></div>
  <div class="eff"><a href="issue_info.php">Issue Information</a></div>
  <div class="eff"><a href="expired.php">Expired</a></div>
</div>

  <div id="main">

  <span style="font-size:30px;cursor:pointer" onclick="openNav()">&#9776; open</span>

  <script>
  function openNav() {

```

```

document.getElementById("mySidenav").style.width = "250px";
document.getElementById("main").style.marginLeft = "250px";
document.body.style.backgroundColor = "rgba(0,0,0,0.4)";
}

function closeNav() {
    document.getElementById("mySidenav").style.width = "0";
    document.getElementById("main").style.marginLeft= "0";
    document.body.style.backgroundColor = "white";
}
</script>
<?php
    if(isset($_SESSION['login_user'])){
        $q=mysqli_query($db,"SELECT * FROM `issue_book` where username
        ='$_SESSION[login_user]'and approve=");

        if(mysqli_num_rows($q)==0){
            echo "there is no pending request.";
        }
        else{
            echo "<table class ='table table-bordered table hover'>";
            echo "<tr style='background-color: white;'>";
            // table header
            echo "<th>"; echo " Book ID"; echo "</th>";
            echo "<th>"; echo "Approve Status"; echo "</th>";
            echo "<th>"; echo "Issue Date"; echo "</th>";
            echo "<th>"; echo "Return Date"; echo "</th>";
            echo "</tr>";

            while($row=mysqli_fetch_assoc($q))

```

```
{
echo "<tr>";
    echo "<td>"; echo $row['bid'] ; echo "</td>";
    echo "<td>&nbsp; &nbsp;"; echo $row['approve'] ; echo "</td>";
    echo "<td>&nbsp; &nbsp;"; echo $row['issue']; echo "</td>";
    echo "<td>&nbsp; &nbsp;"; echo $row['return']; echo "</td>";

echo "</tr>";

}

echo "</table>";
}
}
else{
    echo"</br></br></br>";
    echo "<h2>Plese login first</h2>";
}
?>
</div>
</body>
</html>
```

FINE.PHP

```
<?php
    include "navbar.php";
    include "connection.php"
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <!-- font awesome link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

    <!-- Latest compiled and minified CSS -->
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

    <!-- jQuery library -->
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

    <!-- Latest compiled JavaScript -->
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
    <title>Fine Calculation</title>
    <style type="text/css">
        .srch{
```

```
float: right;  
}
```

```
.sidenav {  
  height: 100%;  
  margin-top: 50px;  
  
  width: 0;  
  position: fixed;  
  z-index: 1;  
  top: 0;  
  left: 0;  
  background-color: #222;  
  overflow-x: hidden;  
  transition: 0.5s;  
  padding-top: 60px;  
}
```

```
.sidenav a {  
  padding: 8px 32px;  
  text-decoration: none;  
  font-size: 25px;  
  color: #818181;  
  display: block;  
  transition: 0.3s;  
}
```

```
.sidenav a:hover {
```



```

        color: #f1f1f1;
    }

    .sidenav .closebtn {
        position: absolute;
        top: 0;
        right: 25px;
        font-size: 36px;
        margin-left: 50px;
    }

    #main {
        transition: margin-left .5s;
        padding: 16px;
    }

    @media screen and (max-height: 450px) {
        .sidenav {padding-top: 15px;}
        .sidenav a {font-size: 18px;}
    }
</style>
</head>
<body>
<div id="mySidenav" class="sidenav">
    <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a>

    <div style="color: white; margin-left:50px;">

    <?php

```

```

if(isset($_SESSION['login_user']))
{
    echo "<img class='img-circle profile_img' height=30px width=30px
src='Images/'".$_SESSION['pic']."' >";
    echo "</br>";
    echo " ".$_SESSION['login_user'];
}
?>
</div>

<a href="profile.php">Profile</a>
<a href="books.php">Books</a>
<a href="request.php">Book Request</a>
<a href="issue_info.php">Issue Information</a>
</div>

<div id="main">

    <span class="fa fa-navicon" style="font-size:30px;cursor:pointer"
onclick="openNav()"></span>

<script>
function openNav() {
    document.getElementById("mySidenav").style.width = "250px";
    document.getElementById("main").style.display = "hidden";
    document.body.style.backgroundColor = "rgba(0,0,0,0.4)";
}

function closeNav() {
    document.getElementById("mySidenav").style.width = "0";

```

```
document.getElementById("main").style.marginLeft= "0";
document.body.style.backgroundColor = "white";
}
</script>
```

```
<h2>List of Students</h2>
```

```
<?php
```

```
    $res = mysqli_query($db, "SELECT * FROM `fine` where
username='$_SESSION[login_user]' ;");
```

```
    echo "<table class ='table table-bordered table hover'>";
```

```
    echo "<tr style='background-color: grey; color:white;'>";
```

```
        // table header
```

```
        echo "<th>"; echo "Username"; echo "</th>";
```

```
        echo "<th>"; echo "BID"; echo "</th>";
```

```
        echo "<th>"; echo "Return Date"; echo "</th>";
```

```
        echo "<th>"; echo "Fine"; echo "</th>";
```

```
        echo "<th>"; echo "Status"; echo "</th>";
```

```
    echo "</tr>";
```

```
    while($row=mysqli_fetch_assoc($res))
```

```
    {
```

```
        echo "<tr>";
```

```
            echo "<td>&nbsp; &nbsp;"; echo $row['username'] ; echo "</td>";
```

```
            echo "<td>&nbsp; &nbsp;"; echo $row['bid']; echo "</td>";
```

```
        echo "<td>&nbsp; &nbsp;"; echo $row['returned']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['fine']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['status']; echo "</td>";
    echo "</tr>";

}
echo "</table>";
```

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

EXPIRED.PHP

```
<?php
    include "navbar.php";
    include "connection.php"
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Book Request</title>
<style type="text/css">
    .srch{
        float: right;
    }

    .form-control{
        width: 18vw;
        margin-bottom:2vh;
    }

    body {
        font-family: "Lato", sans-serif;
        transition: background-color .5s;
        background-image: url("images/login_page.jpg");
        background-repeat: no-repeat;
        background-size: cover;
    }

    .sidenav {
        height: 100%;
        margin-top: 50px;

        width: 0;
        position: fixed;
        z-index: 1;
        top: 0;
```

```
left: 0;
background-color: #222;
overflow-x: hidden;
transition: 0.5s;
padding-top: 60px;
}
```

```
.sidenav a {
padding: 8px 8px 32px;
text-decoration: none;
font-size: 25px;
color: #818181;
display: block;
transition: 0.3s;
}
```

```
.sidenav a:hover {
color: black;
}
```

```
.sidenav .closebtn {
position: absolute;
top: 0;
right: 25px;
font-size: 36px;
margin-left: 50px;
}
```

```
#main {
```

```
    transition: margin-left .5s;
    padding-left: 16px;
}

.eff:hover{
    background-color: white;
    color: black;
    opacity: 0.9;
}

@media screen and (max-height: 450px) {
    .sidenav {padding-top: 15px;}
    .sidenav a {font-size: 18px;}
}

.container{
    width: 85%;
    height: 700px;
    background-color: black;
    opacity: 0.8;
    margin-top: -50px;
    color: wheat;
}

.scroll{
    width: 100%;
    height: 440px;
    overflow: auto;
}

</style>
```

```

</head>
<body>
<div id="mySidenav" class="sidenav">
  <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a>

  <div style="color: white; margin-left:50px;">

  <?php
  if(isset($_SESSION['login_user']))
    { echo "<img class='img-circle profile_img' height=30 width=30
src='Images/" . $_SESSION['pic'] . "' >";
    echo "<br>";
    echo "Welcome, " . $_SESSION['login_user'];
    }
  ?>
</div>

  <div class="eff"><a href="add.php">Book</a></div>
  <div class="eff"><a href="request.php">Book Request</a></div>
  <div class="eff"><a href="issue_info.php">Issue Information</a></div>
  <div class="eff"><a href="expired.php">Expired</a></div>
</div>

  <div id="main">

  <span class="fa fa-navicon" style="font-size:30px;color:blue;cursor:pointer"
onclick="openNav()"></span>

  <script>

```



```
function openNav() {  
    document.getElementById("mySidenav").style.width = "250px";  
    document.getElementById("main").style.display = "hidden";  
    document.body.style.backgroundColor = "rgba(0,0,0,0.4)";  
}
```

```
function closeNav() {  
    document.getElementById("mySidenav").style.width = "0";  
    document.getElementById("main").style.marginLeft= "0";  
    document.body.style.backgroundColor = "white";  
}
```

```
</script>
```

```
<div class="container">
```

```
<?php
```

```
if(isset($_SESSION['login_user'])){
```

```
    ?>
```

```
    <div style="float: left; padding: 25px;">
```

```
        <form action="" method="post">
```

```
            <button class="btn btn-default" style="background-color:#06861a; color:yellow;"  
name="submit2">RETURNED</button> &nbsp;
```

```
            <button class="btn btn-default" style="background-color:red; color:yellow;"  
name="submit3">EXPIRED</button>
```

```
        </form>
```

```
    </div>
```

```
    <div style="float: right;padding-top: 20px;">
```

```
        <?php
```

```
        $var=0;
```

```

$result=mysqli_query($db,"SELECT * FROM `fine` where
username='$_SESSION[login_user]' and `status`='Not Paid;");
while($r=mysqli_fetch_assoc($result))
{
    $var=$var+$r['fine'];
}
$var2=$var+$_SESSION['fine'];
?>
<h2>Your fine is:
<?php
    echo "Rs.".$var2;
?>
</h2>
</div>
<br><br><br>
<?php

$ret='<p style="color:green;">RETURNED</p>';
$exp='<p style="color:red;">EXPIRED</p>';
if(isset($_POST['submit2']))
{
    $sql="SELECT
student.username,books.bid,name,authors,edition,approve,issue,issue_book.return FROM
    `student` inner join `issue_book` ON student.username=issue_book.username
inner join `books` ON
    issue_book.bid=books.bid WHERE issue_book.approve ='$ret' ORDER BY
`issue_book`.`return` DESC";
    $res= mysqli_query($db,$sql);
}

else if(isset($_POST['submit3']))

```

```

    {
        $sql="SELECT
student.username,books.bid,name,authors,edition,approve,issue,issue_book.return FROM
        `student` inner join `issue_book` ON student.username=issue_book.username
inner join `books` ON
        issue_book.bid=books.bid WHERE issue_book.approve ='$exp' ORDER BY
`issue_book`.`return` DESC";
        $res= mysqli_query($db,$sql);
    }

else{
        $sql="SELECT
student.username,books.bid,name,authors,edition,approve,issue,issue_book.return FROM
        `student` inner join `issue_book` ON student.username=issue_book.username
inner join `books` ON
        issue_book.bid=books.bid WHERE issue_book.approve !='Yes' and
issue_book.approve !=" ORDER BY
        `issue_book`.`return` DESC";
        $res= mysqli_query($db,$sql);
    }

    echo "<div class='scroll'>";
    echo "<table class ='table table-bordered'>";

    echo "<tr style='background-color: white;'>";
    // table header
    echo "<th>"; echo "Username"; echo "</th>";
    echo "<th>"; echo "Bid"; echo "</th>";
    echo "<th>"; echo "Book Name"; echo "</th>";
    echo "<th>"; echo "Authors"; echo "</th>";
    echo "<th>"; echo "Edition"; echo "</th>";
    echo "<th>"; echo "Status"; echo "</th>";

```

```

        echo "<th>"; echo "Issue Date"; echo "</th>";
        echo "<th>"; echo "Return Date"; echo "</th>";
    echo "</tr>";

    while($row=mysqli_fetch_assoc($res))
    {

        echo "<tr>";
        echo "<td>"; echo $row['username']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['bid']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['name']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['authors']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['edition']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['approve']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['issue']; echo "</td>";
        echo "<td>&nbsp; &nbsp;"; echo $row['return']; echo "</td>";

        echo "</tr>";
    }
    echo "</table>";
    echo "</div>";
}
?>
</div>
</div>
</body>
</html>

```

PROFILE.PHP

```
<?php
include "connection.php";
include "navbar.php";
?>

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Profile</title>
  <style type="text/css">
    .wrapper{
      width: 500px;
      margin: 0 auto;
      color: whitesmoke;
    }
  </style>
</head>
<body style="background-color: #004528;">
  <div class="container">
    <form action="" method="post">
      <button class="btn btn-default" name="submit1" style="float: right;
width:70px;">Edit</button>
    </form>
    <div class="wrapper">
      <?php
```

```

if(isset($_POST['submit1'])){
    ?>
    <script type="text/javascript">
        window.location="edit.php";
    </script>
    <?php
}
    $q = mysqli_query($db, "SELECT * FROM `STUDENT` WHERE username =
'$_SESSION[login_user]');");
    ?>
    <h2 style="text-align: center;">My Profile</h2>
    <?php
        $row = mysqli_fetch_assoc($q);
        echo "<div style = 'text-align: center;'>
            <img class='img-circle profile-img' height=100 width=100
src='images/" . $_SESSION['pic']."' >
        </div>";
    ?>
    <div style="text-align: center;">
        <b>Welcome, </b>
        <h4>
            <?php echo $_SESSION['login_user']; ?>
        </h4>
    </div>
    <?php
        echo "<table class='table table-bordered'>";
        echo "<tr>";
            echo "<td>"; echo "<b>First Name: </b>" ; echo "</td>";
            echo "<td>&nbsp; &nbsp;&nbsp;"; echo $row['firstname']; ; echo "</td>";
        echo "</tr>";

```

```

echo "<tr>";
    echo "<td>"; echo "<b>Last Name: </b>" ; echo "</td>";
    echo "<td>&nbsp; &nbsp;"; echo $row['lastname']; echo "</td>";
echo "</tr>";
echo "<tr>";
    echo "<td>"; echo "<b>Username: </b>" ; echo "</td>";
    echo "<td>&nbsp; &nbsp;"; echo $row['username']; echo "</td>";
echo "</tr>";
echo "<tr>";
    echo "<td>"; echo "<b>Contact: </b>" ; echo "</td>";
    echo "<td>&nbsp; &nbsp;"; echo $row['contact']; echo "</td>";
echo "</tr>";
echo "<tr>";
    echo "<td>"; echo "<b>Email: </b>" ; echo "</td>";
    echo "<td>&nbsp; &nbsp;"; echo $row['email']; echo "</td>";
echo "</tr>";
echo "<tr>";
    echo "<td>"; echo "<b>Password: </b>" ; echo "</td>";
    echo "<td>&nbsp; &nbsp;"; echo $row['password']; echo "</td>";
echo "</tr>";
echo "</table>";
?>
</div>
</div>
</body>
</html>

```

EDIT.PHP

```
<?php
```

```

include "navbar.php";
include "connection.php";
?>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Edit Profile</title>
  <style type="text/javascript">
    .form-control{
      width: 250px;
      height: 38px;
    }
    form{
      margin: auto;
    }
  </style>
</head>
<body>
  <h2 style="text-align: center;">Edit Information</h2>
  <?php
    $sql = "SELECT * FROM `student` WHERE username='$_SESSION[login_user]'";
    $result= mysqli_query($db,$sql)or die();
    while($row =mysqli_fetch_assoc($result))
    {
      $firstname=$row['firstname'];
      $lastname=$row['lastname'];

```



```

$username=$row['username'];
$password=$row['password'];
$email=$row['email'];
$contact=$row['contact'];
}
?>
<div style="text-align:center;" class="profile_info">
    <span style="color: white;">Welcome</span>
    <h4 style="color: white;"><?php echo $_SESSION['login_user'] ?></h4>
</div> <br>
<form action="" method="post" enctype="multipart/form-data" style="align-items:
center;">
    <input type="file" class="form-control" name="file">
    <input class="form-control" type="text" name="firstname" placeholder="Firstname"
value="<?php echo $firstname; ?>"><br>
    <input class="form-control" type="text" name="lastname" placeholder="Lastname"
value="<?php echo $lastname; ?>"><br>
    <input class="form-control" type="text" name="username" placeholder="Username"
value="<?php echo $username; ?>"><br>
    <input class="form-control" type="password" name="password"
placeholder="Password" value="<?php echo $password; ?>"><br>
    <input class="form-control" type="text" name="email" placeholder="E-mail"
value="<?php echo $email; ?>"><br>
    <input class="form-control" type="text" name="contact" placeholder="Contact"
value="<?php echo $contact; ?>"><br>
    <button class="btn btn-default" type="submit" name="submit">Save</button>
</form>
<?php
if(isset($_POST['submit']))
{
    move_uploaded_file($_FILES['file']['tmp_name'], "images/" . $_FILES['file']['name']);
    $firstname=$_POST['firstname'];

```

```
$lastname=$_POST['lastname'];
$username=$_POST['username'];
$password=$_POST['password'];
$email=$_POST['email'];
$contact=$_POST['contact'];
$pic=$_FILES['file']['name'];
```

```
$sql1="UPDATE `student` SET firstname='$firstname', lastname='$lastname',
username='$username', contact='$contact', email='$email', `password`='$password',
pic='$pic' WHERE username='".$_SESSION['login_user'].'"";
```

```
if(mysqli_query($db,$sql1))
{
    ?>
    <script type="text/javascript">
        alert("saved successfully");
    </script>
    <?php
}
}
?>
</body>
</html>
```

FEEDBACK.PHP

```
<?php
```

```
include "navbar.php";
include "connection.php";
?>

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Feedback</title>

  <!-- Latest compiled and minified CSS -->
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

  <!-- jQuery library -->
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

  <!-- Latest compiled JavaScript -->
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

  <!-- -----css-link ----- -->
  <!-- <link rel="stylesheet" href="login-page.css"> -->

  <style type="text/css">
    body{
      background-image: url("images/FEEDBACK 1.jpg");
    }
  </style>
</head>
<body>
```

```

.wrapper{
  padding: 10px;
  margin: 20px auto;
  max-width: 900px;
  height: 600px;
  background-color: black;
  opacity: .8;
  color: white;
}

.form-control{
  height: 100px;
  width:80%;
}

.scroll{
  margin-top: 5%;
  width: 100%;
  height: 300px;
  overflow: auto;
}
</style>
</head>
<body>
  <div class="wrapper">
    <h4>If you have any question or questions please comment below.</h4>
    <form action="" method="post">
      <input class="form-control" type="text" name="comment" placeholder="write something..."> <br>
      <input class="btn btn-default" type="submit" name="submit" value="Comment">

```

```

</form>
<div class="scroll">
  <?php
    if(isset($_POST['submit']))
    {
      $sql = "INSERT INTO `comments`
VALUES(',$_SESSION[login_user]',$_POST[comment]);";
      if(mysqli_query($db,$sql))
      {
        $q = "SELECT * FROM `comments` ORDER BY `comments`.`id` DESC";
        $res= mysqli_query($db,$q);
        echo "<table class='table table-bordered'>";
        while ($row = mysqli_fetch_assoc($res))
        {
          echo "<tr>";
          echo "<td style:'width:25%;'>"; echo $row['username']; echo "</td>";
          echo "<td style:'width:75%;'>"; echo $row['comment']; echo "</td>";
          echo "</tr>";
        }
        echo "</table>";
      }
    }
    else{
      $q = "SELECT * FROM `comments` ORDER BY `comments`.`id` DESC";
      $res= mysqli_query($db,$q);
      echo "<table class='table table-bordered'>";
      while ($row = mysqli_fetch_assoc($res))
      {
        echo "<tr>";
        echo "<td style:'width:25%;'>"; echo $row['username']; echo "</td>";
        echo "<td style:'width:75%;'>"; echo $row['comment']; echo "</td>";
      }
    }
  }
}

```

```
        echo "</tr>";
    }
    echo "</table>";
}
}
?>
</div>
</div>
</body>
</html>
```

LOGOUT.PHP

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

4.2 TESTING APPROACH

To build up our project we use software testing process for executing a program with the intent of finding errors that is uncovering errors in a program makes it a feasible task and also trying to find the error in a program as it is destructive process.

4.2.1 TYPE OF TESTING

Type of testing we Use in Our Project Here we just mentioned that how the testing is related to this software and in which way we have test the software? In our project we have used 4 types of testing these are listed below –

- Unit testing: Unit testing where individual program unit or object classes are tested here by using this testing we have focused on testing the functionality of methods.
- Module Testing : Where this is the combination of unit is called module. Here we tested the unit program is where the module program have dependency
- Sub- system Testing : The we combined some module for the preliminary system testing in our project.
- System Testing : where it is the combination of two or more sub – system and then it is tested. Here we tested and entire system as per the requirements.

4.2.2 Use Case

A use case is a methodology used in system analysis to identify, clarify and organize system requirements. The use case is made up of a set of possible sequences of interactions between systems and users in a particular environment and related to a particular goal.

Every use case contains three essential elements:

- The actor. The system user -- this can be a single person or a group of people interacting with the process.
- The goal. The final successful outcome that completes the process.
- The system. The process and steps taken to reach the end goal, including the necessary functional requirements and their anticipated behaviours.

The writing process includes:

- Identifying all system users and creating a profile for each one. This includes every role played by a user who interacts with the system.
- Selecting one user and defining their goal -- or what the user hopes to accomplish by interacting with the system. Each of these goals becomes a use case.
- Describing the course taken for each use case through the system to reach that goal.
- Considering every alternate course of events and extending use cases -- or the different courses that can be taken to reach the goal.
- Identifying commonalities in journeys to create common course use cases and write descriptions of each. Food ordering System
- Repeating steps two through five for all other system users.

Benefits of use case :

A single use case can benefit developers by revealing how a system should behave while also helping identify any errors that could arise in the process.

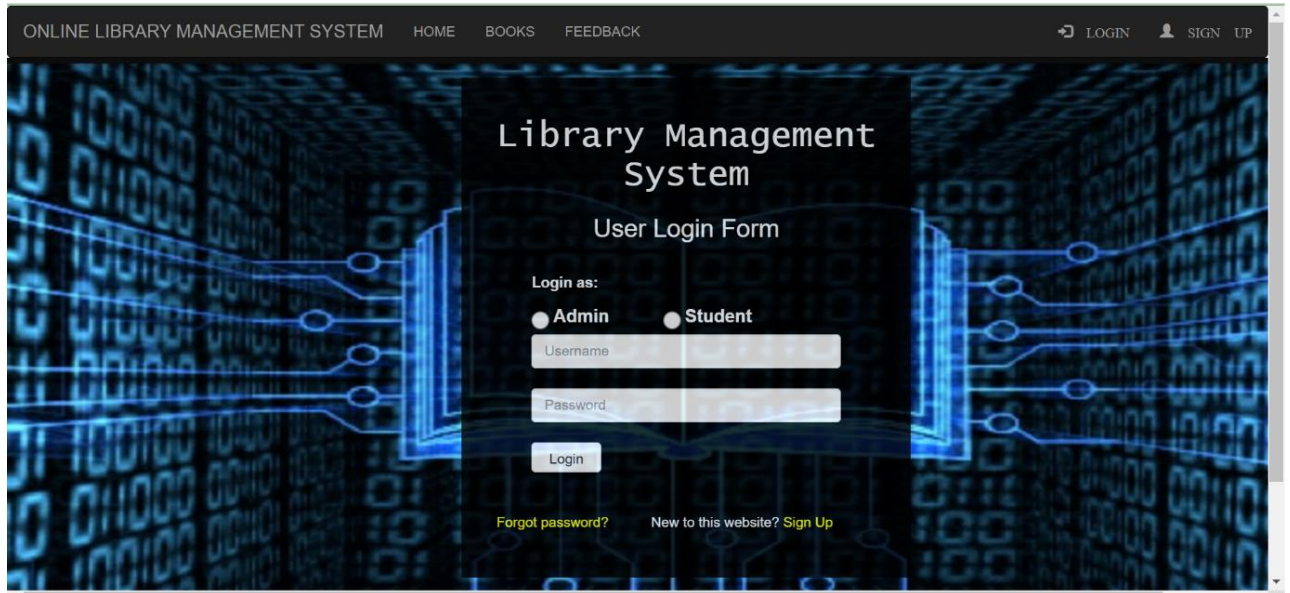
Other benefits of use case development include:

- The list of goals created in the use case writing process can be used to establish the complexity and cost of the system.
- By focusing both on the user and the system, real system needs can be identified earlier in the design process.
- Since use cases are written primarily in a narrative language they are easily understood by stakeholders, including customers, users and executives -- not just by developers and testers.
- The creation of extending use cases and the identification of exceptions to successful use case scenarios saves developers time by making it easier to define subtle system requirements.
- By identifying system boundaries in the design scope of the use case, developers can avoid scope creep.
- Premature design can be avoided by focusing on what the system should do rather than how it should do it.

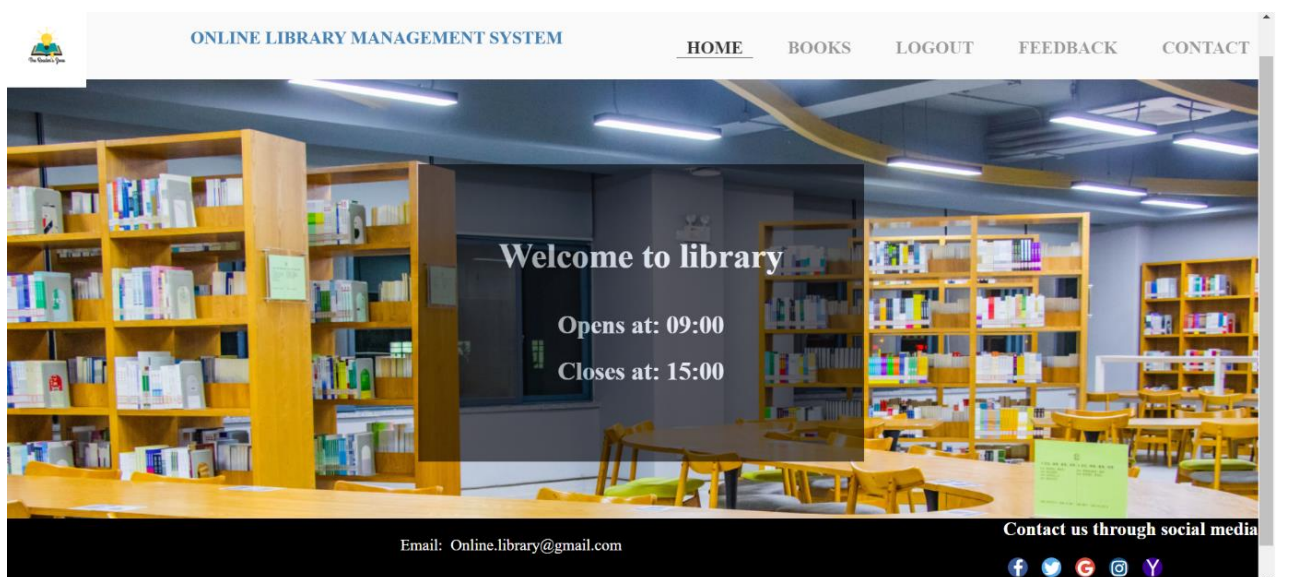
CHAPTER 5

RESULTS AND DISCUSSION




5.1 OUTPUT SCREEN




Login page



Home page

HOME BOOKS FEEDBACK PROFILE STUDENT-INFORMATION FINES  0  riteshkumar@143  LOGOUT




My Profile Edit




Welcome,
riteshkumar@143


First Name:	Ritesh
Last Name:	Kumar
User Name:	riteshkumar@143
Password:	12345
Email:	riteshvarnraj143@gmail.com
Contact:	7541980136

Profile Page

HOME BOOKS FEEDBACK PROFILE STUDENT-INFORMATION FINES  0  riteshkumar@143  LOGOUT

☰

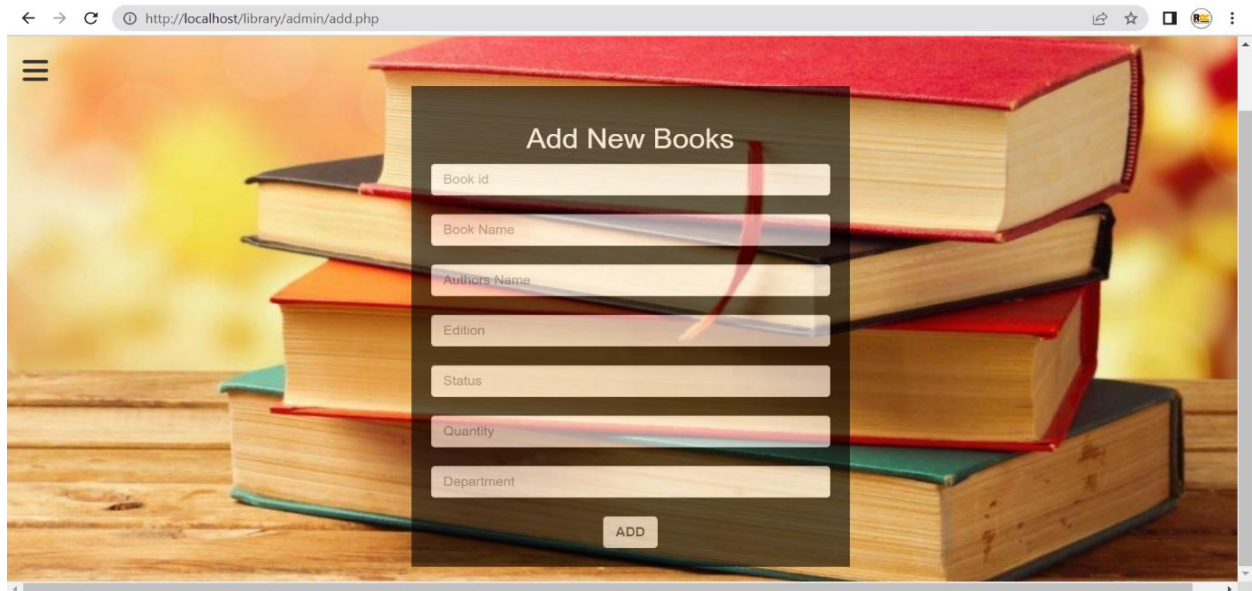


List Of Books

ID	Book-Name	Authors Name	Edition	Status	Quantity	Department
8	2 States	Chetan Bhagat	5th	Available	12	Literature
4	Computer Programming For Beginners	Leonard Base	4th	Available	6	CSE
5	Computer Science With Python	Preeti Arora	3rd	Available	8	CSE
3	Data Structure	Seymour Lipschutz	4th	Available	4	ECE
6	Love Story	Karen Kingsbury	4th	Available	10	Literature
1	Principal of electronics	V.K. Mehta, Rohit Mehta	3rd	Available	3	EEE
2	The Complete Reference C++	Herbert Schildt	4th	Available	3	CSE

Book list page



Add new book page

HOME BOOKS FEEDBACK PROFILE STUDENT-INFORMATION FINES 0 riteshkumar@143 LOGOUT

Student username..

List Of Students

First Name	Last Name	Username	Roll	Email	Contact
Aman	Kumar	aman@123	2	aman143@gmail.com	8685433996
Deepak	Sharma	deepak@123	23	deepak@123@gmail.com	8735628356
Abhishek	Raj	Abhishek@1234	12	abhishekr@1234	7909034514
Sagar	Kumar	Sagar@123	13	sagarkumar123@gmail.com	6202565756
Shital	Gupta	Shitalgupta@143	44	shitalgupta@143	9503425676

Student list page

ONLINE LIBRARY MANAGEMENT SYSTEM HOME BOOKS FEEDBACK STUDENT-INFORMATION FINES

sharma LOGOUT

open

Information of Borrowed Books

Username	Bid	Book Name	Authors	Edition	Issue Date	Return Date
murali9a27	3	Data Structure	Seymour Lipschutz	4th	2022-03-29	2022-04-27

Borrowed book list page

← → ↻ http://localhost/library/student/request.php



ONLINE LIBRARY MANAGEMENT SYSTEM HOME BOOKS FEEDBACK PROFILE FINE

murali9a27 LOGOUT

open

Book ID	Approve Status	Issue Date	Return Date
1			

Approve book Page

HOME BOOKS FEEDBACK PROFILE STUDENT-INFORMATION FINES 0  riteshkumar@143  LOGOUT

RETURNED **EXPIRED**



Username

BID

Submit

Username	Roll No	BID	Book Name	Authors Name	Edition	Status	Issue Date	Return Date	Fine in Rs
deepak@123	23	2	The Complete Reference C++	Herbert Schildt	4th	EXPIRED	2022-03-27	2022-04-27	110
aman@123	2	2	The Complete Reference C++	Herbert Schildt	4th	RETURNED	2022-03-24	2022-04-25	130

Expired Book Page

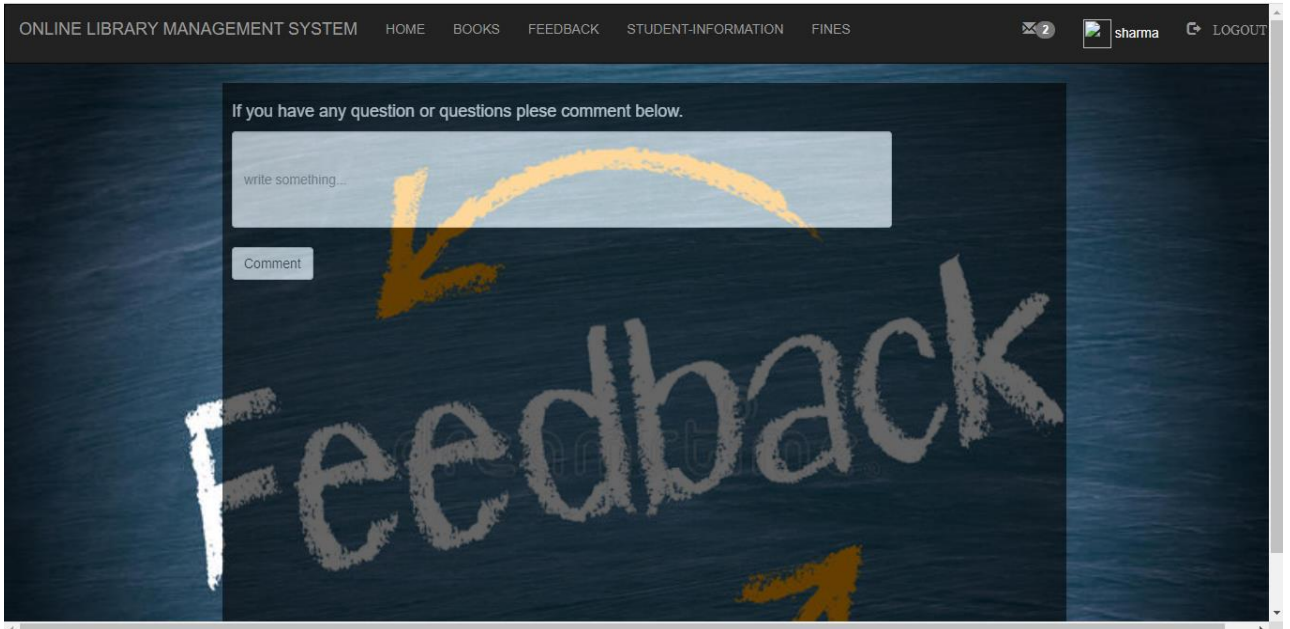
ONLINE LIBRARY MANAGEMENT SYSTEM HOME BOOKS FEEDBACK STUDENT-INFORMATION FINES 2  sharma  LOGOUT

Student username...

List of Students

Username	BID	Return Date	Fine	Status
murali9a27	1	2022-04-14	130	Not Paid

Fine page



Feedback page

CHAPTER 6

CONCLUSION

The library management system has been computed successfully and was also tested successfully by taking "Test Cases". It is user friendly, and has required options, which can be utilized by the user to perform the desired operations. Library Management System is developed using HTML, CSS, JS as front end and PHP, MySQL as back end on windows environment. The goals that are achieved by the software are:

- User friendly
- Simplification of the operations
- Portable and flexible for further enhancement
- Less processing time and getting required information

6.2 LIMITATION

- Registration Email Verification Not Available
- Portal is not SEO Friendly
- SMS Alert Facility Not available
- Risk Unauthorized Accessibility

6.3 FUTURE SCOPE

- Any education institute and government office's can make use of it for providing information about author, content of the available books etc.
- This project can further be extended by adding the facility of e-books to overcome the problem of book stock in library.

CHAPTER 7

REFERENCES

- W3 Schools:- <https://www.w3schools.com>
- Google:- www.google.com
- Youtube:- www.youtube.com
- Erdplus:- <https://erdplus.com/> (for making ER diagram)