

LIBRARY MANAGEMENT SYSTEM USING HTML, CSS & JAVASCRIPT

PROJECT REPORT

Submitted by

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Under the Guidance of

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in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATIONS



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BONAFIDE CERTIFICATE

The project report titled “Library Management system, HTML, CSS & JavaScript” is the Bonafede work of **BHAVANI T THANGARASU [EA2332251010331]**, who carried out the project work under my supervision along with the company mentor. Certified further, that to the best of my knowledge the work reported herein does not form any other internship report or dissertation based on which a degree or award was conferred on an earlier occasion on this or any other candidate.

CERTIFICATE OF PROJECT WORK

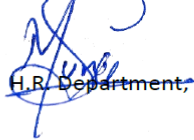


This is to certify that **BHAVANI T THANGARASU [EA2332251010331]** has undergone Project work during the period from 30-01-2025 to 30-05-2025 under the guidance of Devakumar

This work has been carried out in partial fulfillment of the requirements for the award of the degree of MASTER OF COMPUTER APPLICATIONS

Congratulations and welcome to the team!

Sincerely,



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1. ABSTRACT

The Project aims to document the development of a cross-platform application for managing data on a server. Project contains basic UI such as hover and search it uses an easy functionality that can be easily accessed and designed in a simple user-friendly interface web application so that it can be easily modified.

Development of the application has taken place with the below technologies.

- I. JavaScript** is an object-oriented computer programming language commonly used to create interactive effects within web browsers.
- II. HTML (Hypertext Markup Language)** is a standardized system for tagging text files to achieve font, color, graphic, and hyperlink effects on World Wide Web pages.
- III. CSS (Cascading Style Sheets)** is a style sheet language used for describing the presentation of a document written in a markup language such as HTML or XML.

In this project, we are going to create a project of collage library management system. Overview UI progressive web application with the above-mentioned technologies. The Library Management System (LMS) is designed to efficiently manage the library operations of educational institutions. The system provides a digital platform for librarians and students to interact, ensuring smooth management of library resources and services.

LMS allows librarians to manage book acquisitions, cataloging, circulation, and inventory management. It also provides features for students to search for books, reserve them, and check their availability status.

Key features of LMS include:

- **Book Management:** Add, edit, and delete books from the library database. Manage book details such as title, author, ISBN, and genre.
- **User Management:** Manage user accounts, including students, faculty, and staff. Track user borrowing history and fines.

- **Circulation:** Check in/check out books, renewals, and reservations. Manage due dates and late fees.
- **Catalog Search:** Search for books by title, author, ISBN, or keyword. View availability status and location of books.
- **Reports:** Generate reports on book circulation, overdue books, popular books, etc.
- **Notifications:** Send notifications to users for overdue books, reservation updates, etc.

LMS aims to streamline library operations, improve access to resources, and enhance the overall library experience for students and faculty.

So that is how it will be, the result is a JavaScript library that follows the ES module standard with a graphical user interface in the form of a progressive web application (PWA) with functions to manage library overview web application.



CHAPTER 2

SYSTEM ANALYSIS

Requirement Analysis

2.1 Existing System

In the current system, All the transaction of books are done manually, so taking more time for transaction like borrowing a book or returning a book and also searching of books. Another major disadvantage is that to preparing the list of books borrowed and the available books in the library will take more time, currently it is doing as a one day process for verifying all records.

Proposed System

In the new system, there are many functions provided in the system that makes the site look professional.

Library management system is a project which aims in developing a computerized system to maintain all the daily work of library. This project has many features which are generally not available in normal library management systems facility of user login. In this website the trending books will be shown at top of the books page. The logged in users can edit their profile and update them. If they have forgot their password they can regenerate new password.



3. SOFTWARE REQUIREMENT SPECIFICATION

3.1 System configurations

The software requirement specification can produce at the culmination of the analysis task. The function and performance allocated to software as part of system engineering are refined by established a complete information description, a detailed functional description, a representation of system behavior, and indication of performance and design constrain, appropriate validate criteria, and other information pertinent to requirements.

3.1.1 Hardware Requirements

- Processor-Intel(R) Core (TM) i5-8250U CPU @ 1.60GHz, 1801 MHZ , 4Core(s), 8 Logical Processor(s)
- Speed-
- 1.60GHZ
- (min)RAM-
12 GB
- Hard Disc Capacity-
- 1TB Monitor-
Generic PnP Monitor
- Keyboard-Standard PS/2
- KeyboardMouse- 3
buttons

3.1.2: Software Requirements

- Operating System-Microsoft Windows 10
- /Windows XPWeb Browser (Chrome, Firefox,
- Internet Explorer, etc.) Web Server (XAMPP)



4. TECHNOLOGY

4.1 JAVASCRIPT

JavaScript is a dynamic computer programming language. It is lightweight and most commonly used as a part of web pages, whose implementations allow client-side script to interact with the user and make dynamic pages. It is an interpreted programming language with object-oriented capabilities.

JavaScript was first known as LiveScript, but Netscape changed its name to JavaScript, possibly because of the excitement being generated by Java. JavaScript made its first appearance in Netscape 2.0 in 1995 with the name LiveScript. The general-purpose core of the language has been embedded in Netscape, Internet Explorer, and other web browsers.

The ECMA-262 Specification defined a standard version of the core JavaScript language.

- JavaScript is a lightweight, interpreted programming language.
- Designed for creating network-centric applications.
- Complementary to and integrated with Java.
- Complementary to and integrated with HTML.
- Open and cross-platform
- Client-Side JavaScript

Client-side JavaScript is the most common form of the language. The script should be included in or referenced by an HTML document for the code to be interpreted by the browser.

It means that a web page need not be a static HTML, but can include programs that interact with the user, control the browser, and dynamically create HTML content.

The JavaScript client-side mechanism provides many advantages over traditional CGI server-side scripts. For example, you might use JavaScript to check if the user has entered a valid e-mail address in a form field.

The JavaScript code is executed when the user submits the form, and only if all the entries are valid, they would be submitted to the Web Server.

JavaScript can be used to trap user-initiated events such as button clicks, link navigation, and other actions that the user initiates explicitly or implicitly.

Advantages of JavaScript

The merits of using JavaScript are –

- Less server interaction – You can validate user input before sending the page off to the server. This saves server traffic, which means less load on your server.
- Immediate feedback to the visitors – They don't have to wait for a page reload to see



if they have forgotten to enter something.

- Increased interactivity – You can create interfaces that react when the user hovers over them with a mouse or activates them via the keyboard.
- Richer interfaces – You can use JavaScript to include such items as drag-and-drop components and sliders to give a Rich Interface to your site visitors.

Limitations of JavaScript

We cannot treat JavaScript as a full-fledged programming language. It lacks the following important features-

- Client-side JavaScript does not allow the reading or writing of files. This has been kept for security reason.
- JavaScript cannot be used for networking applications because there is no such support available.
- JavaScript doesn't have any multi-threading or multiprocessor capabilities.
- Once again, JavaScript is a lightweight, interpreted programming language that allows you to build interactivity into otherwise static HTML pages.

JavaScript Development Tools

- One of major strengths of JavaScript is that it does not require expensive development tools. You can start with a simple text editor such as Notepad. Since it is an interpreted language inside the context of a web browser, you don't even need to buy a compiler.
- To make our life simpler, various vendors have come up with very nice JavaScript editing tools. Some of them are listed here –
- Microsoft FrontPage – Microsoft has developed a popular HTML editor called FrontPage. FrontPage also provides web developers with a number of JavaScript tools to assist in the creation of interactive websites.
- Macromedia Dreamweaver MX – Macromedia Dreamweaver MX is a very popular HTML and JavaScript editor in the professional web development crowd. It provides several handy prebuilt JavaScript components, integrates well with databases, and conforms to new standards such as XHTML and XML.
- Macromedia HomeSite 5 – HomeSite 5 is a well-liked HTML and JavaScript editor from Macromedia that can be used to manage personal websites effectively.



4.2 HTML

HTML stands for **Hypertext Markup Language**, and it is the most widely used language to write Web Pages.

Hypertext refers to the way in which Web pages (HTML documents) are linked together. Thus, the link available on a webpage is called **Hypertext**.

As its name suggests, HTML is a Markup Language which means you use HTML to simply "mark-up" a text document with tags that tell a Web browser how to structure it to display.

Originally, HTML was developed with the intent of defining the structure of documents like headings, paragraphs, lists, and so forth to facilitate the sharing of scientific information between researchers.

Now, HTML is being widely used to format web pages with the help of different tags available in HTML language.

Advantages:

- HTML helps to build structure of a website and is a widely used Markup language.
- It is easy to learn.
- Every browser supports HTML Language.
- HTML is light weighted and fast to load.
- Storage of big files are allowed because of the application cache feature.
- Do not get to purchase any extra software because it's by default in every window.
- Loose syntax (although, being too flexible won't suit standards).
- HTML is simple to edit as being a plain text.
- It integrates easily with other languages such as JavaScript, CSS etc.
- HTML is that it is easy to code even for novice programmers.
- HTML also allows the utilization of templates, which makes designing a webpage easy.
- It is fast to download as the text is compressible.
- Very useful for beginners in the web designing field.
- HTML can be supported to each and every browser, if not supported to all the browsers.
- HTML is built on almost every website, if not all websites.
- HTML is increasingly used for data storage as like XML syntax.
- HTML has many tag and attributes which can short your line of code.

Disadvantages:

- It cannot produce dynamic output alone, since it's a static language.
- Making the structure of HTML documents becomes tough to understand.
- Errors can be costly.
- It is the time consuming as the time it consume to maintain on the color scheme of a



page and to make lists, tables and forms.

- We need to write a lot of code for just creating a simple webpage.
- We have to check up the deprecated tags and confirm not to use them to appear because another language that works with HTML has replaced the first work of the tag, and hence the opposite language needs to be understood and learned.
- Security features offered by HTML are limited.
- If we need to write down long code for creating a webpage then it produces some complexity.
- HTML can create only static and plain pages so if we would like dynamic pages then HTML isn't useful.
- Editing of web page need to be done separately, they are not centralized.

HTML5 is the next major revision of the HTML standard superseding HTML 4.01, XHTML 1.0, and XHTML 1.1. HTML5 is a standard for structuring and presenting content on the World Wide Web.

HTML5 is a cooperation between the World Wide Web Consortium (W3C) and the Web Hypertext Application Technology Working Group (WHATWG).

The new standard incorporates features like video playback and drag-and-drop that have been previously dependent on third-party browser plug-ins such as Adobe Flash, Microsoft Silverlight, and Google Gears.

Browser Support:

The latest versions of Apple Safari, Google Chrome, Mozilla Firefox, and Opera all support many HTML5 features and Internet Explorer 9.0 will also have support for some HTML5 functionality.

The mobile web browsers that come pre-installed on iPhones, iPads, and Android phones all have excellent support for HTML5.

New Features:

HTML5 introduces a number of new elements and attributes that can help you in building modern websites. Here is a set of some of the most prominent features introduced in HTML5.

New Semantic Elements – These are like <header>, <footer>, and <section>.

Forms 2.0 – Improvements to HTML web forms where new attributes have been introduced for <input> tag.

Persistent Local Storage – To achieve without resorting to third-party plugins.

WebSocket – A next-generation bidirectional communication technology for web applications.

Server-Sent Events – HTML5 introduces events which flow from web server to the web browsers and they are called Server-Sent Events (SSE).

Canvas – This supports a two-dimensional drawing surface that you can program with JavaScript.



Audio & Video – You can embed audio or video on your webpages without resorting to third-party plugins.

Geolocation – Now visitors can choose to share their physical location with your web application.

Microdata – This lets you create your own vocabularies beyond HTML5 and extend your web pages with custom semantics.

Drag and drop – Drag and drop the items from one location to another location on the same webpage.

Backward Compatibility:

HTML5 is designed, as much as possible, to be backward compatible with existing web



browsers. Its new features have been built on existing features and allow you to provide fallback content for older browsers.

It is suggested to detect support for individual HTML5 features using a few lines of JavaScript.

If you are not familiar with any previous version of HTML, I would recommend that you go through our HTML Tutorial before exploring the features of HTML5.

4.3 Overview of CSS

Cascading Style Sheets (CSS): CSS is defined as a method sheet language that provides web designers control over how an internet site communicates with web browsers including the formatting and display of their HTML documents.

CSS or cascading sheet may be a text-based coding language that specifies the website formats and the way a site communicates with web browsers. The language allows web developers to regulate various style elements and functionalities, like layout, color, fonts, and therefore the formatting and display of HTML documents.

The main goal (as a method sheet language) was to separate document content from document presentation, which incorporates style elements, like color, layout, and fonts. CSS handles the design and feel a part of an internet page. Using CSS, you will control the color of the text, the design of fonts, the spacing between paragraphs, how columns are sized and laid out, etc.

CSS instructs the display of the HTML on how the web site will display at the user's end. Let us have a glance on the benefits and drawbacks of CSS.

Why CSS?

CSS saves time: You can write CSS once and reuse the same sheet in multiple HTML pages.

Easy Maintenance: To make a global change simply change the style, and all elements in all the webpages will be updated automatically.

Search Engines: CSS is considered a clean coding technique, which means search engines won't have to struggle to "read" its content.

Superior styles to HTML: CSS has a much wider array of attributes than HTML, so you can give a far better look to your HTML page in comparison to HTML attributes.

Offline Browsing: CSS can store web applications locally with the help of an offline cache. Using this we can view offline websites.



Advantages of CSS:

- CSS plays an important role, by using CSS you simply got to specify a repeated style for element once & use it multiple times as because CSS will automatically apply the required styles.
- The main advantage of CSS is that style is applied consistently across variety of sites. One instruction can control several areas which is advantageous.
- Web designers needs to use few lines of programming for every page improving site speed.
- Cascading sheet not only simplifies website development, but also simplifies the maintenance as a change of one line of code affects the whole web site and maintenance time.
- It is less complex therefore the effort are significantly reduced.
- It helps to form spontaneous and consistent changes.
- CSS changes are device friendly. With people employing a batch of various range of smart devices to access websites over the web, there's a requirement for responsive web design.
- It has the power for re-positioning. It helps us to determine the changes within the position of web elements who are there on the page.
- These bandwidth savings are substantial figures of insignificant tags that are indistinct from a mess of pages.
- Easy for the user to customize the online page
- It reduces the file transfer size.

Disadvantages of CSS:

- CSS, CSS 1 up to CSS3, result in creating of confusion among web browsers.
- With CSS, what works with one browser might not always work with another. The web developers need to test for compatibility, running the program across multiple browsers.
- There exists a scarcity of security.
- After making the changes we need to confirm the compatibility if they appear. The similar change affects on all the browsers.
- The programming language world is complicated for non-developers and beginners. Different levels of CSS i.e. CSS, CSS 2, CSS 3 are often quite confusing.
- Browser compatibility (some styles sheet are supported and some are not).
- CSS works differently on different browsers. IE and Opera supports CSS as different logic.
- There might be cross-browser issues while using CSS.
- There are multiple levels which creates confusion for non-developers and beginners.

4.4 Overview of an application using HTML, CSS and JavaScript

There are many web languages available, however we're just going to look at three of them. They are HTML, CSS and JavaScript and they are considered to be the backbone of the web. When it comes to web development there is front-end web development and back end-web



development. These three languages are for front-end web development and are responsible for what you can see and do on a website. They are referred to as client side languages as they run in the browser (Google Chrome, Firefox etc.) of your computer. The browser translates these languages and the result of this translation is the visual web page.

It's important to note HTML and CSS are not considered to be programming languages. HTML is a markup language and CSS is a styling language. JavaScript, however, is a programming language. Hence, they are all web languages, but they perform different jobs.

For those that are new to web design the easiest way to understand this relationship is to look at an analogy that will break it down into bite-size chunks. One way to look at front-end web development is to see these three languages interact with one another the same way a human body interacts with its surroundings.



The Website as a Human Body

To make this easy to understand, I'm going to refer to these three web languages as different aspects of the human body. We're going to look at the body itself as a sort of command centre; the accessories that are worn on the body as a way of representing personal style; and then the actions that the body is capable of as a way of animating ourselves. So for the purpose of this discussion, HTML will be referred to as the physical body, CSS will be the body's accessories and JavaScript is the body's ability to talk or move. All of these 'bodily aspects' need to work together to form a functional, visually appealing, interactive website.

HTML

- The Body
- HyperText Markup Language (HTML)
- Content and basic structure
- Describes and defines
- Made up of tags
- Tells the browser what to display

HyperText Markup Language (HTML) can be broken down into HyperText, which is what grants access to other texts through links, and Markup which outlines the basic structure and appearance of raw text. What this means is that HTML describes and defines the content and basic structure of the website. It does this through a means of special tags or codes which tell the browser what to do. HTML is the bare basics of a website.

An HTML only website can be compared to a functioning human body. Note, I didn't say fully-functional. An HTML only website has all of its body parts, although it doesn't offer much to look at because it doesn't have any accessories or personal style. At this stage, it's also a body which is not capable of moving or speaking. A website which consists of only HTML would probably look a little like this:

This is where CSS comes in.

CSS

- The Accessories
- Cascading Style Sheet (CSS)
- Gives style and structure to the content
- Link the CSS file to the HTML
- Tells the browser how to display

A **Cascading Style Sheet** is the website's accessories. It's responsible for outlining the colours, font and positioning of the content on a website. It adds some style and structure to the content. In order to make use of the CSS capabilities it needs to be linked within the HTML content so that style can be added to the website. CSS will tell the browser how to display the existing HTML.

CSS can be compared to adding personal style to the body. When you link CSS to HTML, it's like dressing up the body. For example, you can choose a specific colour shirt and match it with a specific colour pair of trousers. On a website, you can choose the colour of the



background or the font size of a heading and much more. It's important to note that CSS cannot live without HTML as there would be nothing to style. Just like clothes or shoes would be pointless without someone to wear them.

So by now you should have an understanding of how structure and style are constructed on a website. A website that consists of HTML and CSS might look like this:

However, you can't help but notice that something is missing. The web page is lacking certain functions like a search box or options to comment. Right now the body, with all its accessories, looks more like a mannequin in a store window than a real human being. That's where JavaScript comes in.

JavaScript

- The body's ability to perform actions
- JavaScript is not Java
- Behaviour of the website
- Used for interactive functionality
- Allows for the user to interact with the browser

JavaScript controls the behaviour of the website. It's important to note that JavaScript and Java are two different things. JavaScript was designed to manipulate web pages and it is used to create interactive functionality. Without JavaScript a website will still be functional, but in a limited way. JavaScript is what animates HTML and CSS, and it's what brings your website to life.

JavaScript can be compared to the body's ability to perform actions such as walking or talking. So when you add JavaScript to HTML and CSS, it transforms the body from being a beautifully dressed mannequin into a real-life walking talking human being. It animates the body, giving it lifelike qualities. JavaScript can also be compared to a fully functional body that has the ability to interact. As we all know, having an interactive website is critical, otherwise it's just a boring page filled with information. Here we see a website which consists of HTML, CSS and JavaScript:

If you look at this example of twitter, JavaScript allows you to expand the tweet to see re-tweets, to set a tweet as a favourite and more. A popular JavaScript App is Google Maps.



5. CODING

This is Library management system made in only one html file using HTML, CSS and JavaScript.

Add Book:

```
<?php
session_start();
include ('../connection.php');
$name = $_SESSION['name'];
$id = $_SESSION['id'];
if(empty($id))
{
    header("Location: index.php");
}
if(isset($_REQUEST['sbt-book-btn']))
{

    $book_name = $_POST['book_name'];
    $category_name = $_POST['category_name'];
    $isbn = $_POST['isbn'];
    $author_name = $_POST['author_name'];
    $publisher_name = $_POST['publisher_name'];
    $price = $_POST['price'];
    $quantity = $_POST['quantity'];
    $location_name = $_POST['location_name'];
    $availability = $_POST['availability'];

    $insert_book = mysqli_query($conn,"insert into tbl_book set
book_name='$book_name', category='$category_name', isbnno='$isbn',
author='$author_name', publisher='$publisher_name', price='$price',
quantity='$quantity', place='$location_name', availability='$availability'");

    if($insert_book > 0)
    {
        ?>
<script type="text/javascript">
    alert("Book added successfully.")
</script>
<?php
}
}
?>
<?php include('include/header.php'); ?>
<div id="wrapper">
<?php include('include/side-bar.php'); ?>

<div id="content-wrapper">
```

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

    <!-- Breadcrumbs-->
    <ol class="breadcrumb">
        <li class="breadcrumb-item">
            <a href="#">Add Book</a>
        </li>

    </ol>

<div class="card mb-3">
    <div class="card-header">
        <i class="fa fa-info-circle"></i>
        Submit Book Details</div>

    <form method="post" class="form-valide">
    <div class="card-body">

        <div class="form-group row">
            <label class="col-lg-4 col-form-label"
for="item">Book Name <span class="text-danger">*</span></label>
            <div class="col-lg-6">
                <input type="text" name="book_name"
id="book_name" class="form-control" placeholder="Enter Book Name" required>
            </div>
        </div>
        <div class="form-group row">
            <label class="col-lg-4 col-form-label" for="leave-type">Category <span class="text-danger">*</span>
            </label>
            <div class="col-lg-6">
                <select class="form-control"
id="category_name" name="category_name" required>
                    <option value="">Select
Category</option>
                    <?php
                        $fetch_category = mysqli_query($conn,
"select * from tbl_category where status=1");
                        while($row =
mysqli_fetch_array($fetch_category)){
                            ?>
                            <option><?php echo
$row['category_name']; ?></option>
                        <?php } ?>
                    </select>
            </div>
        </div>
        <div class="form-group row">
```

```

        <label class="col-lg-4 col-form-label"
for="price">ISBN <span class="text-danger">*</span></label>
        <div class="col-lg-6">
            <input type="text" name="isbn" id="isbn"
class="form-control" placeholder="Enter ISBN" required>
        </div>
    </div>

    <div class="form-group row">
        <label class="col-lg-4 col-form-label"
for="price">Author <span class="text-danger">*</span></label>
        <div class="col-lg-6">
            <input type="text" name="author_name"
id="author_name" class="form-control" placeholder="Enter Author Name"
required>
        </div>
    </div>

    <div class="form-group row">
        <label class="col-lg-4 col-form-label"
for="price">Publisher <span class="text-danger">*</span></label>
        <div class="col-lg-6">
            <input type="text" name="publisher_name"
id="publisher_name" class="form-control" placeholder="Enter Publisher Name"
required>
        </div>
    </div>

    <div class="form-group row">
        <label class="col-lg-4 col-form-label"
for="price">Price <span class="text-danger">*</span></label>
        <div class="col-lg-6">
            <input type="text" name="price"
id="price" class="form-control" placeholder="Enter Price" required>
        </div>
    </div>

    <div class="form-group row">
        <label class="col-lg-4 col-form-label"
for="price">Quantity <span class="text-danger">*</span></label>
        <div class="col-lg-6">
            <input type="text" name="quantity"
id="quantity" class="form-control" placeholder="Enter Quantity" required>
        </div>
    </div>

    <div class="form-group row">
        <label class="col-lg-4 col-form-label"
label" for="leave-type">Location <span class="text-danger">*</span>
        </label>
        <div class="col-lg-6">

```

```

                                <select class="form-control"
id="location_name" name="location_name" required>
                                <option value="">Select
Location</option>

                                <?php
                                $fetch_category = mysqli_query($conn,
"select * from tbl_location where status=1");
                                while($row =
mysqli_fetch_array($fetch_category)){
                                ?>
                                <option><?php echo $row['name'];
?></option>

                                <?php } ?>
                                </select>
                                </div>
                                </div>

                                <div class="form-group row">
                                <label class="col-lg-4 col-form-
label" for="status">Availability <span class="text-danger">*</span>
                                </label>
                                <div class="col-lg-6">
                                <select class="form-control"
id="availability" name="availability" required>
                                <option value="">Select
Status</option>
                                <option value="1">Availab
le</option>
                                <option value="0">Not
Available</option>

                                </select>
                                </div>
                                </div>
                                <div class="form-group row">
                                <div class="col-lg-8 ml-auto">
                                <button type="submit"
name="sbt-book-btn" class="btn btn-primary">Submit</button>
                                </div>
                                </div>

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

                                </div>

                                </div>

```



```
<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i>
</a>

<?php include('include/footer.php'); ?>
```

Add Category:

```
<?php
session_start();
include ('../connection.php');
$name = $_SESSION['name'];
$id = $_SESSION['id'];
if(empty($id))
{
    header("Location: index.php");
}
if(isset($_REQUEST['sbt-cat']))
{
    $category_name = $_POST['category_name'];
    $status = $_POST['status'];

    $insert_category = mysqli_query($conn,"insert into tbl_category set
category_name='$category_name', status='$status'");

    if($insert_category > 0)
    {
        ?>
<script type="text/javascript">
    alert("Category added successfully.")
</script>
<?php
}
}
?>
<?php include('include/header.php'); ?>
<div id="wrapper">
<?php include('include/side-bar.php'); ?>

    <div id="content-wrapper">

        <div class="container-fluid">

            <!-- Breadcrumbs-->
            <ol class="breadcrumb">
                <li class="breadcrumb-item">
                    <a href="#">Add Category</a>
                </li>
```




```
</ol>

<div class="card mb-3">
  <div class="card-header">
    <i class="fa fa-info-circle"></i>
    Submit Details</div>

    <form method="post" class="form-valide">
      <div class="card-body">

        <div class="form-group row">
          <label class="col-lg-4 col-form-label"
for="remarks">Category Name <span class="text-danger">*</span></label>
          <div class="col-lg-6">
            <input type="text" name="category_name"
id="category_name" class="form-control" placeholder="Enter Category Name"
required>
          </div>
        </div>

        <div class="form-group row">
          <label class="col-lg-4 col-form-
label" for="status">Status <span class="text-danger">*</span>
          </label>
          <div class="col-lg-6">
            <select class="form-control"
id="status" name="status" required>
              <option value="">Select
Status</option>
              <option value="1">Active<
/option>
              <option value="0">Inactiv
e</option>
            </select>
          </div>
        </div>

        <div class="form-group row">
          <div class="col-lg-8 ml-auto">
            <button type="submit"
name="sbt-cat" class="btn btn-primary">Submit</button>
          </div>
        </div>
      </div>
    </form>
  </div>
</div>
```



```
                </div>
            </form>
        </div>

    </div>

</div>

    <a class="scroll-to-top rounded" href="#page-top">
        <i class="fas fa-angle-up"></i>
    </a>

<?php include('include/footer.php'); ?>
```

Add Place:

```
<?php
session_start();
include ('../connection.php');
$name = $_SESSION['name'];
$id = $_SESSION['id'];
if(empty($id))
{
    header("Location: index.php");
}
if(isset($_REQUEST['sbt-plc']))
{

    $place_name = $_POST['place_name'];
    $status = $_POST['status'];

    $insert_location = mysqli_query($conn,"insert into tbl_location set
name='$place_name', status='$status'");

    if($insert_location > 0)
    {
        ?>
<script type="text/javascript">
    alert("Location added successfully.")
</script>
<?php
}
}
?>
<?php include('include/header.php'); ?>
<div id="wrapper">
<?php include('include/side-bar.php'); ?>
```

```
<div id="content-wrapper">

  <div class="container-fluid">

    <!-- Breadcrumbs-->
    <ol class="breadcrumb">
      <li class="breadcrumb-item">
        <a href="#">Add Place</a>
      </li>

    </ol>

    <div class="card mb-3">
      <div class="card-header">
        <i class="fa fa-info-circle"></i>
        Submit Details</div>

      <form method="post" class="form-validate">
        <div class="card-body">

          <div class="form-group row">
            <label class="col-lg-4 col-form-label"
for="remarks">Place Name <span class="text-danger">*</span></label>
            <div class="col-lg-6">
              <input type="text" name="place_name"
id="place_name" class="form-control" placeholder="Enter Place Name" required>
            </div>
          </div>

          <div class="form-group row">
            <label class="col-lg-4 col-form-
label" for="status">Status <span class="text-danger">*</span>
            </label>
            <div class="col-lg-6">
              <select class="form-control"
id="status" name="status" required>
                <option value="">Select
Status</option>
                <option value="1">Active<
/option>
                <option value="0">Inactiv
e</option>

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

          <div class="form-group row">
```



```
                                <div class="col-lg-8 ml-auto">
                                    <button type="submit"
name="sbt-plc" class="btn btn-primary">Submit</button>
                                </div>
                            </div>
                        </div>
                    </form>
                </div>

</div>

</div>

<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i>
</a>

<?php include('include/footer.php'); ?>
```

Add Users:

```
<?php
session_start();
include ('../connection.php');
$name = $_SESSION['name'];
$id = $_SESSION['id'];
if(empty($id))
{
    header("Location: index.php");
}
if(isset($_REQUEST['sbt-usr']))
{

    $user_name = $_POST['user_name'];
    $emailid = $_POST['emailid'];
    $pwd = md5($_POST['pwd']);
    $role = $_POST['role'];
    $status = $_POST['status'];

    $insert_user = mysqli_query($conn,"insert into tbl_users set
user_name='$user_name', emailid='$emailid', password='$pwd', role='$role',
status='$status'");

    if($insert_user > 0)
    {
        ?>
<script type="text/javascript">
    alert("User added successfully.")
</script>
```



```
<?php
}
}
?>
<?php include('include/header.php'); ?>
<div id="wrapper">
<?php include('include/side-bar.php'); ?>

    <div id="content-wrapper">

        <div class="container-fluid">

            <!-- Breadcrumbs -->
            <ol class="breadcrumb">
                <li class="breadcrumb-item">
                    <a href="#">Add User</a>
                </li>

            </ol>

            <div class="card mb-3">
                <div class="card-header">
                    <i class="fa fa-info-circle"></i>
                    Submit Details</div>

                    <form method="post" class="form-validate">
                        <div class="card-body">

                            <div class="form-group row">
                                <label class="col-lg-4 col-form-label"
for="remarks">User Name <span class="text-danger">*</span></label>
                                <div class="col-lg-6">
                                    <input type="text" name="user_name"
id="user_name" class="form-control" placeholder="Enter User Name" required>
                                </div>
                            </div>
                            <div class="form-group row">
                                <label class="col-lg-4 col-form-label"
for="remarks">EmailId <span class="text-danger">*</span></label>
                                <div class="col-lg-6">
                                    <input type="email" name="emailid"
id="emailid" class="form-control" placeholder="Enter EmailId" required>
                                </div>
                            </div>
                            <div class="form-group row">
                                <label class="col-lg-4 col-form-label"
for="remarks">Password <span class="text-danger">*</span></label>
                                <div class="col-lg-6">
```



```

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

    <div class="form-group row">
        <label class="col-lg-4 col-form-
label" for="status">Role <span class="text-danger">*</span>
        </label>
        <div class="col-lg-6">
            <select class="form-control"
id="role" name="role" required>
                <option value="">Select
Role</option>
                <option value="1">Admin</o
option>
                <option value="2">User</o
ption>
            </select>
        </div>
    </div>
    <div class="form-group row">
        <label class="col-lg-4 col-form-
label" for="status">Status <span class="text-danger">*</span>
        </label>
        <div class="col-lg-6">
            <select class="form-control"
id="status" name="status" required>
                <option value="">Select
Status</option>
                <option value="1">Active<
/option>
                <option value="0">Inactiv
e</option>
            </select>
        </div>
    </div>
    <div class="form-group row">
        <div class="col-lg-8 ml-auto">
            <button type="submit"
name="sbt-usr" class="btn btn-primary">Submit</button>
        </div>
    </div>
</div>
```

```
        </form>
    </div>

</div>

</div>

<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i>
</a>

<?php include('include/footer.php'); ?>
```

Book Accept:

```
<?php
include ('../connection.php');
if(!empty($_GET['id']))
{
$id = $_GET['id'];
$duedate = date('Y-m-d');
$newdate = date('Y-m-d', strtotime($duedate. ' + 3 months'));
$update_issue = mysqli_query($conn, "update tbl_issue set status=1,
issue_date=CURDATE(), due_date='$newdate' where id='$id'");

$select_book_id = mysqli_query($conn,"select book_id from tbl_issue where
id='$id'");
$book_id = mysqli_fetch_row($select_book_id);
$book_id = $book_id[0];
$select_quantity = mysqli_query($conn, "select quantity from tbl_book where
id='$book_id'");
$number = mysqli_fetch_row($select_quantity);
$count = $number[0];
$count = $count-1;
$update_book = mysqli_query($conn, "update tbl_book set quantity='$count'
where id='$book_id'");
if($update_issue > 0)
{
    ?>
<script type="text/javascript">
alert("Book Issued.");
window.location.href="issue-request.php";
</script>
<?php
}
}
if(!empty($_GET['ids']))
{
    $ids = $_GET['ids'];
```

```
$update_issue = mysqli_query($conn, "update tbl_issue set status=2 where id='$ids'");
if($update_issue > 0)
{
    ?>
<script type="text/javascript">
alert("Rejected.");
window.location.href="issue-request.php";
</script>
<?php
}
}

?>
```

Dashboard:

```
<?php
session_start();
include '../connection.php';
$name = $_SESSION['name'];
$id = $_SESSION['id'];
if(empty($id))
{
    header("Location: index.php");
}

$select_user = mysqli_query($conn,"select count(*) from tbl_users where role=2");
$total_user = mysqli_fetch_row($select_user);

$select_book = mysqli_query($conn,"select count(*) from tbl_book");
$total_book = mysqli_fetch_row($select_book);

$select_avail_book = mysqli_query($conn,"select count(*) from tbl_book where availability=1");
$avail_book = mysqli_fetch_row($select_avail_book);

$issued_book = mysqli_query($conn,"select count(*) from tbl_issue where status=1");
$issued_book = mysqli_fetch_row($issued_book);

$return_book = mysqli_query($conn,"select count(*) from tbl_return group by book_id");
$return_book = mysqli_num_rows($return_book);

?>
<?php include('include/header.php'); ?>

<div id="wrapper">
```




```
<?php include('include/side-bar.php'); ?>

<div id="content-wrapper">

    <div class="container-fluid">

        <!-- Breadcrumbs-->
        <ol class="breadcrumb">
            <li class="breadcrumb-item">
                <a href="#">Dashboard</a>
            </li>

            </ol>
<div class="row">
    <div class="col-sm-4">
        <section class="panel panel-feathered-left panel-feathered-primary">
            <div class="panel-body total">
                <div class="widget-summary">
                    <div class="widget-summary-col widget-summary-col-icon">
                        <div class="summary-icon bg-secondary">
                            <i class="fa fa-book"></i>
                        </div>
                    </div>
                    <div class="widget-summary-col">
                        <div class="summary">
                            <h4 class="title">Total Books</h4>
                            <div class="info">
                                <strong class="amount"><?php echo $total_book[0];
?></strong><br>
                            </div>
                        </div>
                    </div>
                    <div class="summary-footer">
                        <a class="text-muted text-uppercase"></a>
                    </div>
                </div>
            </div>
        </section>
    </div>
    <div class="col-sm-4">
        <section class="panel panel-feathered-left panel-feathered-primary">
            <div class="panel-body available">
                <div class="widget-summary">
                    <div class="widget-summary-col widget-summary-col-icon">
                        <div class="summary-icon bg-secondary">
                            <i class="fa fa-book"></i>
```

```
</div>
</div>
<div class="widget-summary-col">
  <div class="summary">
    <h4 class="title">Available Books</h4>
    <div class="info">
      <strong class="amount"><?php echo $avail_book[0];
?></strong><br>

    </div>
  </div>
  <div class="summary-footer">
    <a class="text-muted text-uppercase"></a>
  </div>
</div>
</div>
</div>
</div>
</div>
</section>
</div>
<div class="col-sm-4">
  <section class="panel panel-featured-left panel-featured-primary">
    <div class="panel-body issued">
      <div class="widget-summary">
        <div class="widget-summary-col widget-summary-col-icon">
          <div class="summary-icon bg-secondary">
            <i class="fa fa-book"></i>
          </div>
        </div>
        <div class="widget-summary-col">
          <div class="summary">
            <h4 class="title">Issued Books</h4>
            <div class="info">
              <strong class="amount"><?php echo $issued_book[0];
?></strong><br>

          </div>
        </div>
        <div class="summary-footer">
          <a class="text-muted text-uppercase"></a>
        </div>
      </div>
    </div>
  </section>
</div>
<div class="col-sm-4">
  <section class="panel panel-featured-left panel-featured-primary">
    <div class="panel-body returned">
```

```

<div class="widget-summary">
  <div class="widget-summary-col widget-summary-col-icon">
    <div class="summary-icon bg-secondary">
      <i class="fa fa-book"></i>
    </div>
  </div>
  <div class="widget-summary-col">
    <div class="summary">
      <h4 class="title">Returned Books</h4>
      <div class="info">
        <strong class="amount"><?php echo $return_book;
?></strong><br>

      </div>
    </div>
    <div class="summary-footer">
      <a class="text-muted text-uppercase"></a>
    </div>
  </div>
</div>
</div>
</section>
</div>
<div class="col-sm-4">
  <section class="panel panel-featured-left panel-featured-primary">
    <div class="panel-body user">
      <div class="widget-summary">
        <div class="widget-summary-col widget-summary-col-icon">
          <div class="summary-icon bg-secondary">
            <i class="fa fa-user"></i>
          </div>
        </div>
        <div class="widget-summary-col">
          <div class="summary">
            <h4 class="title">Total User</h4>
            <div class="info">
              <strong class="amount"><?php echo $total_user[0];
?></strong><br>

            </div>
          </div>
          <div class="summary-footer">
            <a class="text-muted text-uppercase"></a>
          </div>
        </div>
      </div>
    </div>
  </div>
</section>

```



```
</div>
</div>
</div>
</div>
</div>
<a class="scroll-to-top rounded" href="#page-top">
  <i class="fas fa-angle-up"></i>
</a>
<?php include('include/footer.php'); ?>
```

Edit Book:

```
<?php
session_start();
include ('../connection.php');
$id = $_SESSION['id'];
$name = $_SESSION['name'];
if(empty($id))
{
    header("Location: index.php");
}
$id = $_GET['id'];
$fetch_query = mysqli_query($conn, "select * from tbl_book where id='$id'");
$row = mysqli_fetch_array($fetch_query);
if(isset($_REQUEST['save-book-btn']))
{

    $book_name = $_POST['book_name'];
    $category_name = $_POST['category_name'];
    $isbn = $_POST['isbn'];
    $author_name = $_POST['author_name'];
    $publisher_name = $_POST['publisher_name'];
    $price = $_POST['price'];
    $quantity = $_POST['quantity'];
    $location_name = $_POST['location_name'];
    $availability = $_POST['availability'];

    $update_book = mysqli_query($conn,"update tbl_book set
book_name='$book_name', category='$category_name', isbnno='$isbn',
author='$author_name', publisher='$publisher_name', price='$price',
quantity='$quantity', place='$location_name', availability='$availability'
where id='$id'");

    if($update_book > 0)
    {
    }
}
?>
<script type="text/javascript">
    alert("Book updated successfully.");
    window.location.href='view-book.php';
```



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

<?php include('include/header.php'); ?>
<div id="wrapper">
<?php include('include/side-bar.php'); ?>

    <div id="content-wrapper">

        <div class="container-fluid">

            <!-- Breadcrumbs -->
            <ol class="breadcrumb">
                <li class="breadcrumb-item">
                    <a href="#">Edit Book</a>
                </li>

            </ol>

            <div class="card mb-3">
                <div class="card-header">
                    <i class="fa fa-info-circle"></i>
                    Edit Details</div>

                <form method="post" class="form-valide">
                    <div class="card-body">
                        <div class="form-group row">
                            <label class="col-lg-4 col-form-label"
for="item">Book Name <span class="text-danger">*</span></label>
                            <div class="col-lg-6">
                                <input type="text" name="book_name"
id="book_name" class="form-control" placeholder="Enter Book Name" required
value="<?php echo $row['book_name']; ?>">
                            </div>
                        </div>
                        <div class="form-group row">
                            <label class="col-lg-4 col-form-
label" for="leave-type">Category <span class="text-danger">*</span>
                            </label>
                            <div class="col-lg-6">
                                <select class="form-control"
id="category_name" name="category_name" required>
                                    <option value="">Select
Category</option>
                                <?php
```

```

        $fetch_category = mysqli_query($conn,
"select * from tbl_category where status=1");
        while($rows =
mysqli_fetch_array($fetch_category)){
            ?>
            <option <?php
if($rows['category_name']==$row['category']){ ?>
                selected="selected"; <?php } ?><?php echo
$rows['category_name'];?>
            </option>
            <?php } ?>
            </select>
        </div>
    </div>

    <div class="form-group row">
        <label class="col-lg-4 col-form-label"
for="price">ISBN <span class="text-danger">*</span></label>
        <div class="col-lg-6">
            <input type="text" name="isbn" id="isbn"
class="form-control" placeholder="Enter ISBN" required value="<?php echo
$row['isbnno'];?>">
        </div>
    </div>
    <div class="form-group row">
        <label class="col-lg-4 col-form-label"
for="price">Author <span class="text-danger">*</span></label>
        <div class="col-lg-6">
            <input type="text" name="author_name"
id="author_name" class="form-control" placeholder="Enter Author Name" required
value="<?php echo $row['author'];?>">
        </div>
    </div>
    <div class="form-group row">
        <label class="col-lg-4 col-form-label"
for="price">Publisher <span class="text-danger">*</span></label>
        <div class="col-lg-6">
            <input type="text" name="publisher_name"
id="publisher_name" class="form-control" placeholder="Enter Publisher Name"
required value="<?php echo $row['publisher'];?>">
        </div>
    </div>
    <div class="form-group row">
        <label class="col-lg-4 col-form-label"
for="price">Price <span class="text-danger">*</span></label>
        <div class="col-lg-6">

```

```

        <input type="text" name="price"
id="price" class="form-control" placeholder="Enter Price" required
value="<?php echo $row['price'];?>"
        </div>
    </div>
    <div class="form-group row">
        <label class="col-lg-4 col-form-label"
for="price">Quantity <span class="text-danger">*</span></label>
        <div class="col-lg-6">
            <input type="text" name="quantity"
id="quantity" class="form-control" placeholder="Enter Number of Copy" required
value="<?php echo $row['quantity'];?>"
        </div>
    </div>
    <div class="form-group row">
        <label class="col-lg-4 col-form-
label" for="leave-type">Location <span class="text-danger">*</span>
        </label>
        <div class="col-lg-6">
            <select class="form-control"
id="location_name" name="location_name" required>
                <option value="">Select
Location</option>
                <?php
                    $fetch_category = mysqli_query($conn,
"select * from tbl_location where status=1");
                    while($rows =
mysqli_fetch_array($fetch_category)){
                        ?>
                        <option <?php
if($rows['name']==$row['place']){ ?>
                            selected="selected"; <?php } ?><?php echo
$rows['name'];?>
                        </option>
                        <?php } ?>
                    </select>
                </div>
            </div>
            <div class="form-group row">
                <label class="col-lg-4 col-form-
label" for="status">availability <span class="text-danger">*</span>
                </label>
                <div class="col-lg-6">
                    <select class="form-control"
id="availability" name="availability" required>
                        <option value="">Select
Status</option>

```



```

                                <option value="1" <?php
if($row['availability'] == 1) { ?> selected="selected"; <?php }
?>>Available</option>

                                <option value="0" <?php
if($row['availability'] == 0) { ?> selected="selected"; <?php } ?>>Not
Available</option>

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

                                <div class="form-group row">
                                    <div class="col-lg-8 ml-auto">
                                        <button type="submit"
name="save-book-btn" class="btn btn-primary">Save</button>
                                        </div>
                                    </div>

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

                                </div>

                                </div>

                                <a class="scroll-to-top rounded" href="#page-top">
                                    <i class="fas fa-angle-up"></i>
                                </a>

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

```

Edit Category:

```

<?php
session_start();
include ('../connection.php');
$name = $_SESSION['name'];
$id = $_SESSION['id'];
if(empty($id))
{
    header("Location: index.php");
}
$id = $_GET['id'];
$query = mysqli_query($conn, "select * from tbl_category where
id='$id'");
$row = mysqli_fetch_array($query);
if(isset($_REQUEST['sv-cat']))
{

```



```
$category_name = $_POST['category_name'];
$status = $_POST['status'];

$update_category = mysqli_query($conn,"update tbl_category set
category_name='$category_name', status='$status' where id='$id'");

if($update_category > 0)
{
    ?>
<script type="text/javascript">
    alert("Category Updated successfully.")
    window.location.href='view-category.php';
</script>
<?php
}
}
?>
<?php include('include/header.php'); ?>
<div id="wrapper">
<?php include('include/side-bar.php'); ?>

<div id="content-wrapper">

    <div class="container-fluid">

        <!-- Breadcrumbs-->
        <ol class="breadcrumb">
            <li class="breadcrumb-item">
                <a href="#">Edit Category</a>
            </li>

        </ol>

        <div class="card mb-3">
            <div class="card-header">
                <i class="fa fa-info-circle"></i>
                Edit Details</div>

            <form method="post" class="form-validate">
                <div class="card-body">

                    <div class="form-group row">
                        <label class="col-lg-4 col-form-label"
for="remarks">Category Name <span class="text-danger">*</span></label>
                        <div class="col-lg-6">
                            <input type="text" name="category_name"
id="category_name" class="form-control" placeholder="Enter Category Name"
value="<?php echo $row['category_name']; ?>" required>
```



```

        </div>
    </div>

    <div class="form-group row">
        <label class="col-lg-4 col-form-
label" for="status">Status <span class="text-danger">*</span>
        </label>
        <div class="col-lg-6">
            <select class="form-control"
id="status" name="status" required>
                <option value="">Select
Status</option>
                <option value="1" <?php
if($row['status'] == 1) { ?> selected="selected"; <?php } ?>>Active</option>
                <option value="0" <?php
if($row['status'] == 0) { ?> selected="selected"; <?php } ?>>Inactive</option>
            </select>
        </div>
    </div>

    <div class="form-group row">
        <div class="col-lg-8 ml-auto">
            <button type="submit"
name="sv-cat" class="btn btn-primary">Save</button>
        </div>
    </div>

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

</div>

</div>

<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i>
</a>

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

```

Edit Place:

```

<?php
session_start();
include ('../connection.php');
$name = $_SESSION['name'];

```

```
$id = $_SESSION['id'];
if(empty($id))
{
    header("Location: index.php");
}
$id = $_GET['id'];
$fetch_query = mysqli_query($conn, "select * from tbl_location where
id='$id'");
$row = mysqli_fetch_array($fetch_query);
if(isset($_REQUEST['sv-place']))
{
    $name = $_POST['name'];
    $status = $_POST['status'];

    $update_place = mysqli_query($conn,"update tbl_location set name='$name',
status='$status' where id='$id'");

    if($update_place > 0)
    {
        ?>
<script type="text/javascript">
    alert("Place Updated successfully.")
    window.location.href='view-place.php';
</script>
<?php
}
}
?>
<?php include('include/header.php'); ?>
<div id="wrapper">
<?php include('include/side-bar.php'); ?>

<div id="content-wrapper">

    <div class="container-fluid">

        <!-- Breadcrumbs-->
        <ol class="breadcrumb">
            <li class="breadcrumb-item">
                <a href="#">Edit Place</a>
            </li>

        </ol>

        <div class="card mb-3">
            <div class="card-header">
                <i class="fa fa-info-circle"></i>
```

```

Edit Details</div>

<form method="post" class="form-valide">
<div class="card-body">

    <div class="form-group row">
        <label class="col-lg-4 col-form-label"
for="remarks">Place Name <span class="text-danger">*</span></label>
        <div class="col-lg-6">
            <input type="text" name="name" id="name"
class="form-control" placeholder="Enter Place Name" value="<?php echo
$row['name']; ?>" required>
        </div>
    </div>

</div>

    <div class="form-group row">
        <label class="col-lg-4 col-form-
label" for="status">Status <span class="text-danger">*</span>
        </label>
        <div class="col-lg-6">
            <select class="form-control"
id="status" name="status" required>
                <option value="">Select
Status</option>
                <option value="1" <?php
if($row['status'] == 1) { ?> selected="selected"; <?php } ?>>Active</option>
                <option value="0" <?php
if($row['status'] == 0) { ?> selected="selected"; <?php } ?>>Inactive</option>
            </select>
        </div>
    </div>

    <div class="form-group row">
        <div class="col-lg-8 ml-auto">
            <button type="submit"
name="sv-place" class="btn btn-primary">Save</button>
        </div>
    </div>

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

</div>

```

```
</div>

<a class="scroll-to-top rounded" href="#page-top">
  <i class="fas fa-angle-up"></i>
</a>

<?php include('include/footer.php'); ?>
```

Edit User:

```
<?php
session_start();
include ('../connection.php');
$name = $_SESSION['name'];
$id = $_SESSION['id'];
if(empty($id))
{
    header("Location: index.php");
}
$id = $_GET['id'];
$fetch_query = mysqli_query($conn, "select * from tbl_users where id='$id'");
$row = mysqli_fetch_array($fetch_query);
if(isset($_REQUEST['sv-user']))
{
    $user_name = $_POST['user_name'];
    $emailid = $_POST['emailid'];
    $role = $_POST['role'];
    $status = $_POST['status'];

    $update_user = mysqli_query($conn, "update tbl_users set
    user_name='$user_name', emailid='$emailid', role='$role', status='$status'
    where id='$id'");

    if($update_user > 0)
    {
        ?>
<script type="text/javascript">
    alert("User Updated successfully.");
    window.location.href='view-users.php';
</script>
<?php
}
}
?>
<?php include('include/header.php'); ?>
<div id="wrapper">
<?php include('include/side-bar.php'); ?>

<div id="content-wrapper">
```



```

<div class="container-fluid">

    <!-- Breadcrumbs-->
    <ol class="breadcrumb">
        <li class="breadcrumb-item">
            <a href="#">Edit User</a>
        </li>

    </ol>

    <div class="card mb-3">
        <div class="card-header">
            <i class="fa fa-info-circle"></i>
            Edit Details</div>

        <form method="post" class="form-valide">
            <div class="card-body">

                <div class="form-group row">
                    <label class="col-lg-4 col-form-label"
for="remarks">User Name <span class="text-danger">*</span></label>
                    <div class="col-lg-6">
                        <input type="text" name="user_name"
id="user_name" class="form-control" placeholder="Enter User Name" required
value="<?php echo $row['user_name']; ?>">
                    </div>
                </div>
                <div class="form-group row">
                    <label class="col-lg-4 col-form-label"
for="remarks">EmailId <span class="text-danger">*</span></label>
                    <div class="col-lg-6">
                        <input type="email" name="emailid"
id="emailid" class="form-control" placeholder="Enter EmailId" required
value="<?php echo $row['emailid']; ?>">
                    </div>
                </div>
                <div class="form-group row">
                    <label class="col-lg-4 col-form-label"
for="status">Role <span class="text-danger">*</span></label>
                    <div class="col-lg-6">
                        <select class="form-control"
id="role" name="role" required>
                            <option value="">Select
Role</option>
                            <option value="1" <?php
if($row['role'] == 1) { ?> selected="selected"; <?php } ?>>Admin</option>

```



```

                                <option value="2" <?php
if($row['role'] == 2) { ?> selected="selected"; <?php } ?>>User</option>

                                </select>
                                </div>
                                </div>
                                <div class="form-group row">
                                    <label class="col-lg-4 col-form-
label" for="status">Status <span class="text-danger">*</span>
                                    </label>
                                    <div class="col-lg-6">
                                        <select class="form-control"
id="status" name="status" required>
                                            <option value="">Select
Status</option>
                                            <option value="1" <?php
if($row['status'] == 1) { ?> selected="selected"; <?php } ?>>Active</option>
                                            <option value="0" <?php
if($row['status'] == 0) { ?> selected="selected"; <?php } ?>>Inactive</option>

                                            </select>
                                        </div>
                                    </div>
                                <div class="form-group row">
                                    <div class="col-lg-8 ml-auto">
                                        <button type="submit"
name="sv-user" class="btn btn-primary">Save</button>
                                    </div>
                                </div>
                                </form>
                                </div>

</div>

</div>

<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i>
</a>

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

```

Index:

```

<?php
session_start();
include '../connection.php';
if(isset($_REQUEST['login_btn']))

```



```
{
    $email = $_POST['email'];
    $pwd = md5($_POST['pwd']);

    $select_query = mysqli_query($conn,"select id, user_name from tbl_users
where emailid='$email' and password='$pwd' and role = 1 and status=1");
    $rows = mysqli_num_rows($select_query);
    if($rows > 0)
    {
        $username = mysqli_fetch_row($select_query);

        $_SESSION['id'] = $username[0];
        $_SESSION['name'] = $username[1];
        header("Location: dashboard.php");
    }
    else
    { ?>
        <script>
            alert("You have entered wrong emailid or password.");
        </script>

        <?php

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

<head><meta http-equiv="Content-Type" content="text/html; charset=utf-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">

    <title>Library Management System</title>
    <!-- Custom fonts for this template-->
    <link href="vendor/fontawesome-free/css/all.min.css" rel="stylesheet"
type="text/css">

    <!-- Custom styles for this template-->
    <link href="css/sb-admin.css" rel="stylesheet">
    <link href="css/custom_style.css?ver=1.1" rel="stylesheet">
```




```
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
<link
href='https://cdnjs.cloudflare.com/ajax/libs/fullcalendar/3.9.0/fullcalendar.min.css' rel='stylesheet' />
<link href="vendor/datatables/dataTables.bootstrap4.css" rel="stylesheet">
</head>

<body class="bg-dark" style="background: url(../img/library-img-bg.jpg) no-repeat; background-size:cover">

<div class="container">
<div class="card card-login mx-auto mt-5">
<div class="card-header">
<h2><center style="color:coral;">Admin Login</center></h2>
</div>
<div class="card-body">
<form name="login" method="post" action="">
<div class="form-group">
<div class="form-label-group">
<input type="email" id="inputEmail" class="form-control"
name="email" placeholder="Email address" required="required"
autofocus="autofocus">
<label for="inputEmail">Email address</label>
</div>
</div>
<div class="form-group">
<div class="form-label-group">
<input type="password" id="inputPassword" class="form-control"
placeholder="Password" name="pwd" required="required">
<label for="inputPassword">Password</label>
</div>
</div>

<input type="submit" class="btn btn-primary btn-block"
name="login_btn" value="Login">
</form>

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

Issue Request:

```
<?php
session_start();
include ('../connection.php');
$name = $_SESSION['name'];
```



```
$id = $_SESSION['id'];
if(empty($id))
{
    header("Location: index.php");
}
?>

<?php include('include/header.php'); ?>
<div id="wrapper">

    <?php include('include/side-bar.php'); ?>

    <div id="content-wrapper">

        <div class="container-fluid">

            <!-- Breadcrumbs -->
            <ol class="breadcrumb">
                <li class="breadcrumb-item">
                    <a href="#">View Book Issue Requests</a>
                </li>

            </ol>

            <div class="card mb-3">
                <div class="card-header">
                    <i class="fa fa-info-circle"></i>
                    Issue Requests</div>
                <div class="card-body">
                    <div class="table-responsive">
                        <table class="table table-bordered" id="dataTable" width="100%"
cellspacing="0">
                            <thead>

                                <tr>
                                    <th>S.No.</th>
                                    <th>Book Name</th>
                                    <th>User Name</th>
                                    <th>Quantity</th>
                                    <th>Action</th>
                                </tr>
                            </thead>
                            <tbody>

                                <?php
                                $select_query = mysqli_query($conn, "select
tbl_issue.status, tbl_issue.book_id, tbl_book.book_name, tbl_issue.id,
tbl_issue.user_name, tbl_book.quantity from tbl_issue inner join tbl_book on
tbl_book.id=tbl_issue.book_id");
                                $sn = 1;
```



```

        while($row = mysqli_fetch_array($select_query))
        {
            ?>

            <tr>
                <td><?php echo $sn; ?></td>
                <td><?php echo
$row['book_name']; ?></td>

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

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

                <?php
if(!empty($row['status']) &&
$row['status']==1)
                {?>
                    <td><span class="badge
badge-primary">Book Issued</span>

                    </td>
                    <?php
                } else if($row['status']==2)
                {?>
                    <td><span class="badge badge-
danger">Rejected</span>

                    <a href="book-
accept.php?id=<?php echo $row['id']; ?>"><button class="btn btn-
success">Accept</button></a>

                    </td>
                    <?php } else {?>
                    <td><a href="book-
accept.php?id=<?php echo $row['id']; ?>"><button class="btn btn-
success">Accept</button></a>

                    <a href="book-
accept.php?ids=<?php echo $row['id']; ?>"><button class="btn btn-
danger">Reject</button></a>

                    </td>
                    <?php } ?>
                </tr>

                <?php $sn++; } ?>
            </tbody>
        </table>
    </div>
</div>
</div>
</div>
</div>
</div>
</div>

```



```
<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i>
</a>
<?php include('include/footer.php'); ?>
```

Logout:

```
<?php
session_start();
session_destroy();
header("Location: index.php");
?>
```

View Book:

```
<?php
session_start();
include ('../connection.php');
$name = $_SESSION['name'];
$id = $_SESSION['id'];
if(empty($id))
{
    header("Location: index.php");
}
?>

<?php include('include/header.php'); ?>
<div id="wrapper">

    <?php include('include/side-bar.php'); ?>

    <div id="content-wrapper">

        <div class="container-fluid">

            <!-- Breadcrumbs -->
            <ol class="breadcrumb">
                <li class="breadcrumb-item">
                    <a href="#">View Book</a>
                </li>

            </ol>

            <div class="card mb-3">
                <div class="card-header">
                    <i class="fa fa-info-circle"></i>
                    View Book Details</div>
                <div class="card-body">
                    <div class="table-responsive">
```



```

<table class="table table-bordered" id="dataTable" width="100%"
cellspacing="0">
    <thead>
        <tr>
            <th>S.No.</th>
            <th>Name</th>
            <th>Category</th>
            <th>ISBN</th>
            <th>Author</th>
            <th>Publisher</th>
            <th>Price</th>
            <th>Quantity</th>
            <th>Place</th>
            <th>Status</th>
            <th>Action</th>
        </tr>
    </thead>
    <tbody>
        <?php
        if(isset($_GET['ids'])){
            $id = $_GET['ids'];
            $delete_query = mysqli_query($conn, "delete from
tbl_book where id='$id'");
        }
        $select_query = mysqli_query($conn, "select * from
tbl_book");

        $sn = 1;
        while($row = mysqli_fetch_array($select_query))
        {
            ?>
            <tr>
                <td><?php echo $sn; ?></td>
                <td><?php echo
$row['book_name']; ?></td>
                <td><?php echo
$row['category']; ?></td>
                <td><?php echo $row['isbnno'];
?></td>
                <td><?php echo $row['author'];
?></td>
                <td><?php echo
$row['publisher']; ?></td>
                <td><?php echo $row['price'];
?></td>
                <td><?php echo
$row['quantity']; ?></td>

```

```

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

        <?php
if($row['availability']==1){
        ?><td><span class="badge
badge-success">Available</span></td>
        <?php } else { ?><td><span
class="badge badge-danger">Not Available</span></td>
        <?php } ?>
        <td>
        <a href="edit-
book.php?id=<?php echo $row['id'];?>"><i class="fa fa-pencil m-r-5"></i>
Edit</a>
        <a href="view-
book.php?ids=<?php echo $row['id'];?>" onclick="return confirmDelete()"><i
class="fa fa-trash-o m-r-5"></i> Delete</a>
        </td>
    </tr>
    <?php $sn++; } ?>
</tbody>
</table>
</div>
</div>
</div>
</div>
</div>
</div>
<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i>
</a>
<?php include('include/footer.php'); ?>
<script language="JavaScript" type="text/javascript">
function confirmDelete(){
    return confirm('Are you sure want to delete this Book?');
}
</script>

```

View Category:

```

<?php
session_start();
include ('../connection.php');
$name = $_SESSION['name'];
$id = $_SESSION['id'];
if(empty($id))
{
    header("Location: index.php");
}
?>
<?php include('include/header.php'); ?>
<div id="wrapper">

```



```
<?php include('include/side-bar.php'); ?>

<div id="content-wrapper">

    <div class="container-fluid">

        <!-- Breadcrumbs-->
        <ol class="breadcrumb">
            <li class="breadcrumb-item">
                <a href="#">View Category</a>
            </li>

        </ol>

        <div class="card mb-3">
            <div class="card-header">
                <i class="fa fa-info-circle"></i>
                View Details</div>
            <div class="card-body">
                <div class="table-responsive">
                    <table class="table table-bordered" id="dataTable" width="100%"
cellspacing="0">
                        <thead>
                            <tr>
                                <th>S.No.</th>
                                <th>Category Name</th>
                                <th>Status</th>
                                <th>Action</th>
                            </tr>
                        </thead>
                        <tbody>

                            <?php
                            if(isset($_GET['ids'])){
                                $id = $_GET['ids'];
                                $delete_query = mysqli_query($conn, "delete from
tbl_category where id='$id'");
                            }
                            $select_query = mysqli_query($conn, "select * from
tbl_category");

                            $sn = 1;
                            while($row = mysqli_fetch_array($select_query))
                            {

                                <tr>
                                    <td><?php echo $sn; ?></td>
```



```
 <?php echo $row['category_name']; ?></td>  <?php if($row['status']==1){ ?><td><span class="badge badge-success">Active</span></td>  <?php } else { ?><td><span class="badge badge-danger">Inactive</span></td>  <?php } ?> <td> <a href="edit- category.php?id=<?php echo $row['id'];?>"><i class="fa fa-pencil m-r-5"></i> Edit</a>  <a href="view- category.php?ids=<?php echo $row['id'];?>" onclick="return confirmDelete()"><i class="fa fa-trash-o m-r-5"></i> Delete</a>  </td> </tr>  <?php $sn++; } ?>  </tbody>  </table>  </div>  </div>  </div>  <a class="scroll-to-top rounded" href="#page-top"> <i class="fas fa-angle-up"></i> </a> <?php include('include/footer.php'); ?> <script language="JavaScript" type="text/javascript"> function confirmDelete(){     return confirm('Are you sure want to delete this Category?'); } </script> |
```

View Users:

```

<?php
session_start();
include ('../connection.php');
$name = $_SESSION['name'];
$id = $_SESSION['id'];
if(empty($id))
{
    header("Location: index.php");
}

```



```

}
?>
<?php include('include/header.php'); ?>
<div id="wrapper">

    <?php include('include/side-bar.php'); ?>

    <div id="content-wrapper">

        <div class="container-fluid">

            <!-- Breadcrumbs-->
            <ol class="breadcrumb">
                <li class="breadcrumb-item">
                    <a href="#">View Users</a>
                </li>

            </ol>

            <div class="card mb-3">
                <div class="card-header">
                    <i class="fa fa-info-circle"></i>
                    View Details</div>
                <div class="card-body">
                    <div class="table-responsive">
                        <table class="table table-bordered" id="dataTable" width="100%"
cellspacing="0">
                            <thead>
                                <tr>
                                    <th>S.No.</th>
                                    <th>User Name</th>
                                    <th>EmailId</th>
                                    <th>Role</th>
                                    <th>Status</th>
                                    <th>Action</th>
                                </tr>
                            </thead>
                            <tbody>

                                <?php
                                if(isset($_GET['ids'])){
                                    $id = $_GET['ids'];
                                    $delete_query = mysqli_query($conn, "delete from
tbl_users where id='$id'");
                                }

                                $select_query = mysqli_query($conn, "select * from
tbl_users");

                                $sn = 1;
                                while($row = mysqli_fetch_array($select_query))

```



```

        {
            ?>

            <tr>
                <td><?php echo $sn; ?></td>
                <td><?php echo
$row['user_name']; ?></td>
                <td><?php echo
$row['emailid']; ?></td>
                <?php if($row['role']==1){
                    ?><td>Admin</td>
                <?php } else { ?><td>User</td>
                <?php } ?>
                <?php if($row['status']==1){
                    ?><td><span class="badge
badge-success">Active</span></td>
                <?php } else { ?><td><span
class="badge badge-danger">Inactive</span></td>
                <?php } ?>
                <td>
                    <a href="edit-
user.php?id=<?php echo $row['id'];?>"><i class="fa fa-pencil m-r-5"></i>
Edit</a>
                    <a href="view-
users.php?ids=<?php echo $row['id'];?>" onclick="return confirmDelete()"><i
class="fa fa-trash-o m-r-5"></i> Delete</a>
                </td>
            </tr>

            <?php $sn++; } ?>

        </tbody>

    </table>
</div>
</div>
</div>
</div>
<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i>
</a>
<?php include('include/footer.php'); ?>
<script language="JavaScript" type="text/javascript">
function confirmDelete(){
    return confirm('Are you sure want to delete this User?');

```



```
}  
</script>
```



6. Result

Admin Dashboard page: - here, admin can see overall books details(i.e, Total Books, No.of available books, Issued books, Returned Books, Total no.of users)

The screenshot displays the Admin Dashboard of the Library Management System. The interface includes a sidebar with navigation options: Dashboard, Manage Books, Manage Category, Book Issue Requests, Manage Place, and Manage Users. The main content area, titled 'Dashboard', features five colored cards representing key metrics: Total Books (6), Available Books (6), Issued Books (0), Returned Books (1), and Total User (2). Each card includes a book icon and the respective count.

Adding new Book page:

The screenshot shows the 'Add Book' page in the Library Management System. The page is titled 'Add Book' and contains a section for 'Submit Book Details'. The form includes the following fields: Book Name (text input), Category (dropdown menu), ISBN (text input), Author (text input), Publisher (text input), Price (text input), Quantity (text input), Location (dropdown menu), and Availability (dropdown menu). A blue 'Submit' button is located at the bottom of the form.



Books list which are added by admin:

Library Management System										
Welcome, Admin										
View Book										
View Book Details										
Show 10 entries										
Search:										
S.No.	Name	Category	ISBN	Author	Publisher	Price	Quantity	Place	Status	Action
1	The Great Gatsby	Fiction	978-0-7432-7356-5	F.Scott Fitzgerald	Scribner	\$14.99	23	Track1	Available	Edit Delete
2	Educated: A Memoir	Non-Friction	978-0-399-59050-4	Tata Westover	Random House	\$28.79	3	A-A1	Available	Edit Delete
3	Sapiens: A Brief History of Humankind	Non-Friction	974-0-234-34553-0	Yuval Noah Harari	HarperCollins	\$24.99	23	Track2	Available	Edit Delete
4	Harry Potter and the Sorcerer stone	Fiction	978-0-06-245771-4	J.K.Rowling	Scholastic	\$7.99	3	Track3	Available	Edit Delete
5	The Night Circus	Entertainment	432-34-67894-01-1	Ernest Cline	Doubleday	\$19.99	34	A-A2	Available	Edit Delete
6	Into the Wild	Travel	23-345633-06-01	Jon Krakauer	Anchor	\$54.34	1	B-B3	Available	Edit Delete
Showing 1 to 6 of 6 entries										
Previous 1 Next										

Category of books available in library:

Library Management System

Dashboard

Manage Books

Manage Category

Book Issue Requests

Manage Place

Manage Users

Welcome, Admin

View Category

View Details

Show10entries

Search:

S.No.	Category Name	Status	Action
1	Entertainment	Active	Edit Delete
2	Fiction	Active	Edit Delete
3	Non-Friction	Active	Edit Delete
4	Travel	Active	Edit Delete
5	Poetry	Active	Edit Delete
6	Art/Photography	Active	Edit Delete
7	Horror	Inactive	Edit Delete

Showing 1 to 7 of 7 entries

Previous

1

Next

Admin can see the books which are requested by the users: Admin can either **Accept** or **Reject** the book request

Library Management System

Dashboard

Manage Books

Manage Category

Book Issue Requests

Manage Place

Manage Users

Welcome,

View Book Issue Requests

Issue Requests

Show10entries

Search:

S.No.	Book Name	User Name	Quantity	Action
1	Into the Wild	Jayanth	1	<div>AcceptReject</div>
2	Educated: A Memoir	jj4237	3	<div>AcceptReject</div>

Showing 1 to 2 of 2 entries

Previous

1

Next



Admin can manage the Location of the books:

Library Management System ≡ Welcome,

View Place

View Details

Show entries Search:

S.No.	Name	Status	Action
1	Track1	Active	Edit Delete
2	Track2	Active	Edit Delete
3	Track3	Active	Edit Delete
4	A-A1	Active	Edit Delete
5	A-A2	Active	Edit Delete
6	B-B3	Active	Edit Delete
7	B-B1	Inactive	Edit Delete

Showing 1 to 7 of 7 entries Previous **1** Next

User Dashboard:

Library Management System ≡ Welcome, jj4237

Dashboard

Total Books
 6

Book Issued
 0

User Page: User can able to see the books available and they can request the books accordingly.

Library Management System ≡ Welcome, jj4237

View Book

View Book Details

Show entries Search:

S.No.	Name	Category	Availability	Action
1	The Great Gatsby	Fiction	Available	Issue
2	Educated: A Memoir	Non-Friction	Available	Request Sent
3	Sapiens: A Brief History of Humankind	Non-Friction	Available	Issue
4	Harry Potter and the Sorcerer's Stone	Fiction	Available	Issue
5	The Night Circus	Entertainment	Available	Issue
6	Into the Wild	Travel	Available	Issue

Showing 1 to 6 of 6 entries Previous **1** Next



Once admin approves the book user can able to access the book:

Library Management System

Welcome, ij4237

Dashboard

Books Details

Issued Books

View Book

View Book Details

Show 10 entries

Search:

S.No.	Book Name	Category	Issue Date	Due Date	Action
1	Educated: A Memoir	Non-Friction	2024-06-14	2024-09-14	<div>Return</div>

Showing 1 to 1 of 1 entries

Previous

1

Next

7. CONCLUSION

After we have completed the project we are sure the problems in the existing system will be overcome. The “LIBRARY MANAGEMENT SYSTEM” process is computerized to reduce human errors and to increase efficiency. The main focus of this project is to lessen human efforts. The maintenance of the records is made efficient, as all the records are stored in the ACCESS database, through which data can be retrieved easily.

The navigation control is provided in all the forms to navigate through the large amount of records. If the numbers of records are very large then user has to just type in the search string and user gets the results immediately. The editing is also made simpler. The user has to just type in the required field and press the update button to update the desired field. The Books and Students are given a particular unique id no.

So that they can be accessed correctly and without errors. Our main aim of the project is to get the correct information about a particular student and books available in the library. The problems, which existed in the earlier system, have been removed to a large extent. And it is expected that this project will go a long way in satisfying user requirements. The computerization of the Library Management will not only improve the efficiency but will also reduce human stress thereby indirectly improving human resources.



References

1. www.zoho.com
2. Koha-community.org
3. [https://codeastro.com/library-management-system-in-php-with-source- code/](https://codeastro.com/library-management-system-in-php-with-source-code/)