



Ranchi University, Ranchi

PUSTAKALAYA (WEBSITE)

A Project Report

Submitted in Partial Fulfillment of the Requirements for the Award of the Degree
of Bachelor of Science
(Computer Application Honors)



Gossner College, Ranchi

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CERTIFICATE

I, **RITIK RAJ**, Department – Bachelors of Science (Computer Application) certify that project report entitled **PUSTAKALAYA** in paper DSE4 is done by me and it is an authentic work carried out by me under the supervision of **Mr. Kamal Kumar** at the Gossner College, Ranchi. I assert that the statements made and conclusions drawn are an outcome of my research work.

Signature of the Student
(Ritik Raj)

Date –

This is to certify that the project report entitled PUSTAKALAYA in paper DSE4 is done by **RITIK RAJ** (University Roll Number – **19BS5850299**), department – Bachelors of Science (Computer Application) has completed under my guidance.

Signature of Guide

Date –

Examiner

Course Coordinator

Principal

ACKNOWLEDGEMENT

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Finally, I wish to thanks all those who have directly or indirectly helped me during the course of project.

DATE -

Ritik Raj
(19BS5850299)
B.Sc. Computer Application

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SYNOPSIS

Project Title:

PUSTAKALAYA

Introduction:

PUSTAKALAYA is a WEBSITE in which any people can be a user of it by signing up and after logging in you can see various options like find and register books. In the find option you can search for the books you need. There are the details of the books mentioned where you can find the contact details of the owner and contact them for further queries. After you have finished with the book you can register the book so that others can avail it. People can also register other books.

Objective:

To help the people who are in need of the books and don't want to give money and also people who have lots of books and don't have enough space in the room to keep it and want to give it to other's this is the great way to overcome with this issue. Generally people who are poor can't afford costly books they can use this website to search books and avail.

Background Study:

When we are students, whether during primary or high school, there is a need of books but it is not always possible for everyone to buy new books so we try to borrow them from our seniors. However, it is not always easy to contact the seniors to ask for the books. Also, once we pass out from any class, the books from the previous class are of no use. So, this platform is useful in both the cases, those who don't need the books would upload them in the website and those who need them would visit the website and can contact the person, they need to take the books from.

ABSTRACT

‘Pustakalaya’ is a website in which any person whether they are a student or not can register any book or novel which are not in use, so that other people can avail it by contacting the owner of the book and deciding the location whether they want to meet and lend the book. In the book details section, details of the book including image is provided along with the contact details of the owner

It is good to lend books to others who need them instead of selling it.

As you can see people sell the books after studying 1 year, so it's better to give books to the needy one and to maximize the use of book .

This website is free of cost so anyone can use without hesitation.

The UX and UI of the website is good, it can easily be used by anyone, even without having any technical knowledge.

There are About and Contact Us page also in the website. There is information about the website in About page and through Contact Us page, the users can send us email easily.

Methodology

The methodology of developing of project will be a step-by-step sequence to design, develop and deliver the application. In software engineering this methodology called ‘waterfall model’ which one portion of work follows another in a linear sequence. Following steps will be followed in this methodology:

- Initiation (Requirement Specification);
- Planning and design;
- Execution (construction and coding);
- Validation (Testing);
- Closure (Installation and Maintenance)

Technologies used

Tools and Technologies:

Front End:

- HTML

The Hypertext Mark-up Language or HTML is the standard mark-up language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

- CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a mark-up language such as HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts.

- Bootstrap

Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains HTML, CSS and (optionally) JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.

- **JavaScript**

JavaScript often abbreviated JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS. As of 2022, 98% of websites use JavaScript on the client side for web page behaviour, often incorporating third-party libraries. All major web browsers have a dedicated JavaScript engine to execute the code on users' devices.

JavaScript is a high-level, often just-in-time compiled language that conforms to the ECMA Script standard. It has dynamic typing, prototype-based object-orientation, and first-class functions. It is multi-paradigm, supporting event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM).

Back End:

- PHP

PHP is an open-source, interpreted, and object-oriented scripting language that can be executed at the server-side. PHP is well suited for web development. Therefore, it is used to develop web applications (an application that executes on the server and generates the dynamic page.).

PHP was created by Rasmus Lerdorf in 1994 but appeared in the market in 1995. PHP 7.4.0 is the latest version of PHP, which was released on 28 November. PHP script is executed much faster than those scripts which are written in other languages such as JSP and ASP. PHP uses its own memory, so the server workload and loading time is automatically reduced, which results in faster processing speed and better performance.

PHP source code and software are freely available on the web. You can develop all the versions of PHP according to your requirement without paying any cost. All its components are free to download and use.

- MYSQL

MySQL is a leading open source database management system. It is a multiuser, multithreaded database management system. MySQL is especially popular on the web. It is one of the parts of the very popular *LAMP* platform. Linux, Apache, MySQL, and PHP. Currently MySQL is owned by Oracle. MySQL database is available on most important OS

platforms. It runs on BSD Unix, Linux, Windows, or Mac OS.

The MySQL Extension (MySQL Improved) is a relational database driver used in the PHP scripting language to provide an interface with MySQL databases. It provides both object oriented and procedural APIs. Other ways to interact with MySQL are: PDO and ORM solutions.

Hardware Requirements:

- Processor: AMD Ryzen 3 3250U with Radeon Graphics
- RAM: 256GB or more
- Hard Disk: 2GB

Software Requirements:

- Operating System: Windows XP, Windows 8 or above
- System/Application Software: Visual Basic
- Web Server: XAMPP

UML DIAGRAMS

UML allows to develop different types of visual diagrams that represent various aspects of the system. Rational Rose supports the development of majority of these models. They are:

- Class diagram
- Object diagram
- Component diagram
- Deployment diagram
- Use case diagram
- Sequence diagram
- Collaboration diagram
- State chart diagram
- Activity diagram

Basically, there are two types of UML Diagrams. They are: –

- Structural Diagrams
- Behavioural Diagrams

1. Structural Diagram

- The structural diagrams represent the static aspect of the system.
- These static aspects represent those parts of a diagram, which are stable and forms the main structure.
- These static parts are represented by classes, interfaces, objects, components, and nodes.

Types of Structural Diagram

There are four types of structural diagrams in UML. They are: -

- Class diagram
- Object diagram

- Component diagram
- Deployment diagram

2. Behavioural Diagram

- The behavioural diagrams represent the dynamic aspect of the system.
- These dynamic aspects represent those parts of the system that are changing.

Types of Behavioural Diagram

There are five types of behavioural diagrams in UML. They are: -

- Use case diagram
- Sequence diagram
- Collaboration diagram
- State chart diagram
- Activity diagram

Class Diagram

- Most common diagrams used in UML.
- Class diagram consists of classes, interfaces, associations, and collaboration.
- Represent the Object – Oriented view of a system, which is static in nature.
- Active class is used in a class diagram to represent the concurrency of the system.
- As class diagram represents the object orientation of a system, it is used for development purpose. This is the most widely used diagram at the time of system construction.

Object Diagram

- Object diagram is nothing but the instance of class diagram.
- These diagrams are closest to real-life scenarios where we implement a system.
- Object diagrams are a set of objects and their relationship is just like class diagrams.
- They represent the static view of the system.
- The usage of object diagrams is similar to class diagrams but they are used to build prototype of a system from a practical perspective.

Component Diagram

- Component diagrams represent a set of components and the relationships among them.
- These components consist of classes, interfaces, or collaborations.
- Component diagrams represent the implementation view of a system.
- In the design phase, system components like classes, interfaces, etc. are placed in different groups depending upon their relationship.
- These groups are known as components.
- Component diagrams are used to visualize the implementation.

Deployment Diagram

- Deployment diagrams are used to visualize the topology of the physical components of a system, where the software components are deployed.
- They are used to describe the static deployment view of a system.
- They consist of nodes and their relationships.

Use Case Diagram

- Use case diagrams are a set of use cases, actors, and their relationships.
- They represent the use case view of a system.
- A use case represents a particular functionality of a system.

- It means that, use case diagram is used to describe the relationships among the functionalities and their internal / external controllers.
- These controllers are known as actors.

Sequence Diagram

- A sequence diagram is an interaction diagram.
- The name itself suggests that, the diagram deals with some sequences, which are the sequence of messages flowing from one object to another.
- Interaction among the components of a system is very important from implementation and execution perspective.
- Sequence diagram is used to visualize the sequence of calls in a system to perform a specific functionality

Collaboration Diagram

- Collaboration diagram is a type of interaction diagram.
- It represents the structural organization of a system and the messages sent / received.
- Structural organization consists of objects and links.
- The purpose of collaboration diagram is very much similar to that of sequence diagram.
- Although, the specific purpose of collaboration diagram is to visualize the organization of objects and their interaction.

State Chart Diagram

- Any real – time system is expected to be reacted by some kind of internal / external events.
- These events are responsible for state change of the system.
- State chart diagram is used to represent the event driven state change of a system.
- It basically describes the state change of a class, interface, etc.

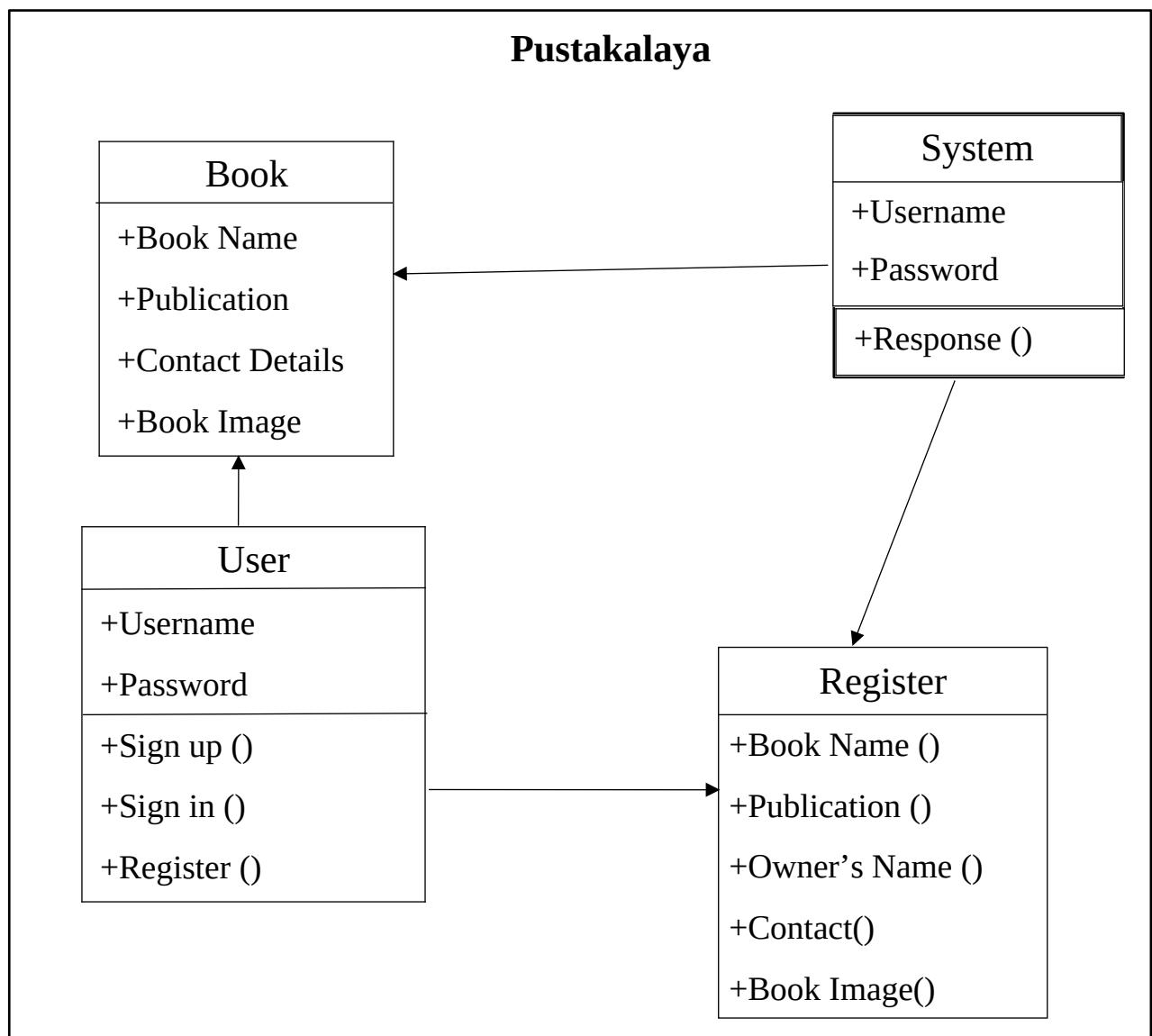
- State chart diagram is used to visualize the reaction of a system by internal / external factors.

Activity Diagram

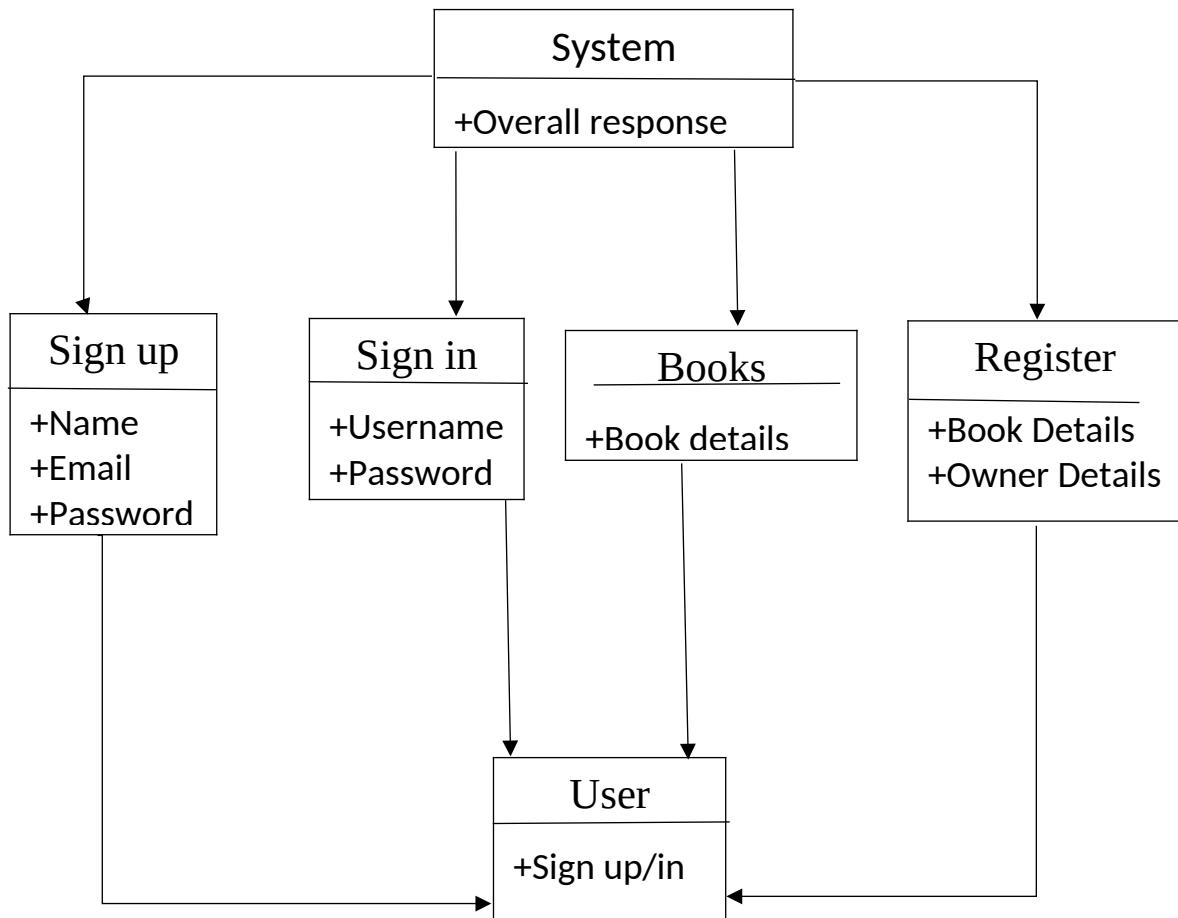
- Activity diagram describes the flow of control in a system.
- It consists of activities and links.
- The flow can be sequential, concurrent, or branched.
- Activities are nothing but the functions of a system.
- We have to prepare numbers of activity diagrams to capture the entire flow in a system.
- Activity diagrams are used to visualize the flow of controls in a system.
- Activity diagram helps to have an idea of how the system will work when executed.

Diagrams:

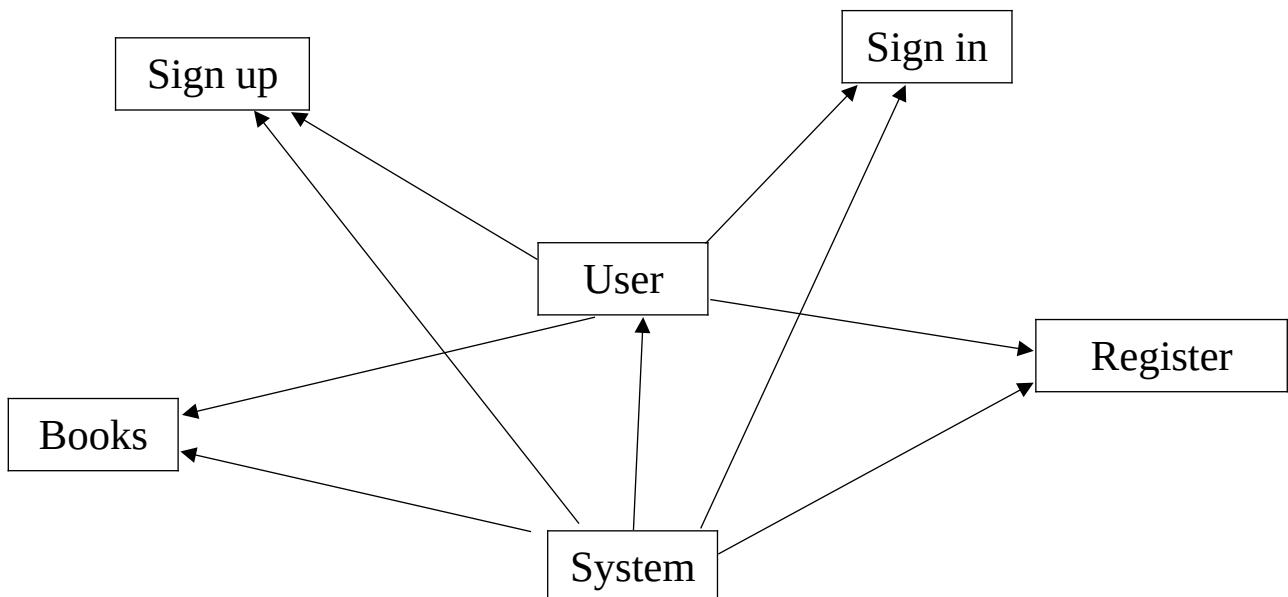
1. Class diagram



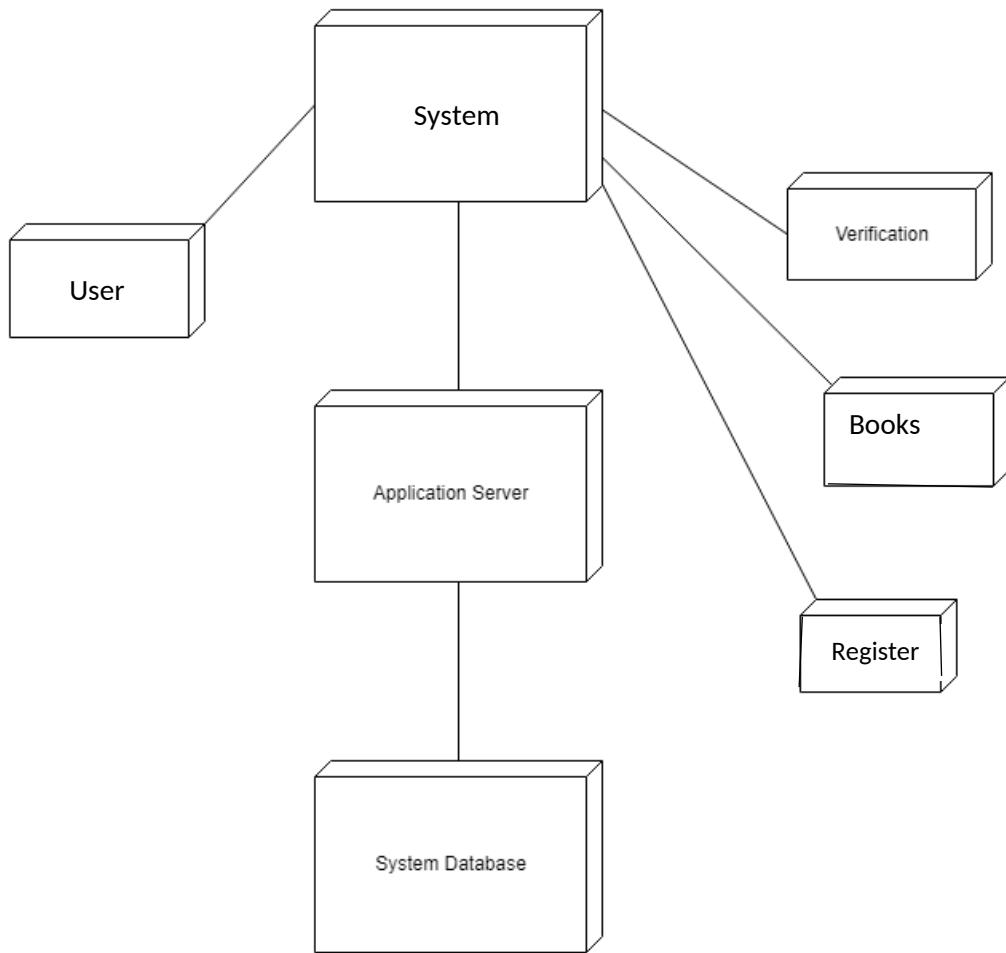
2. Object Diagram



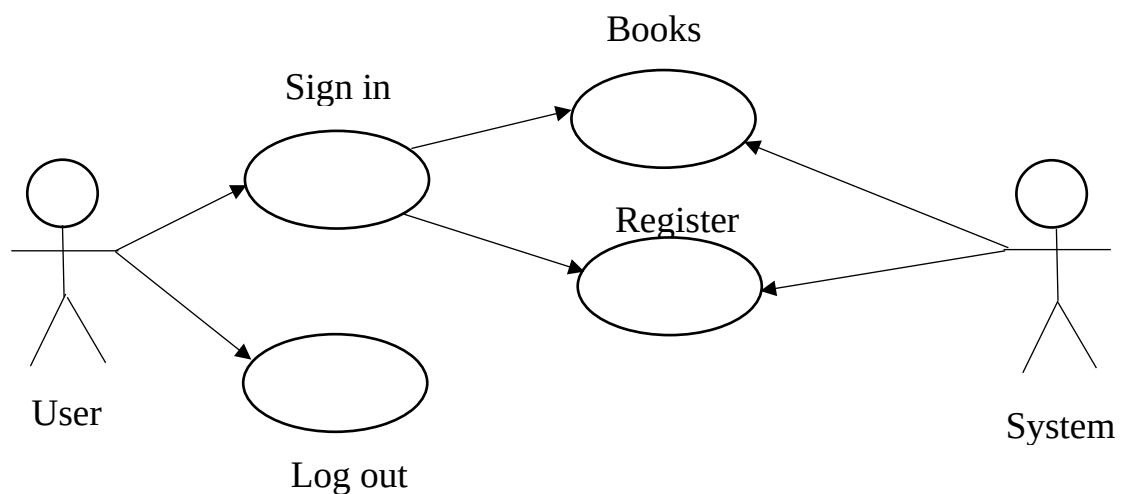
3. Component Diagram



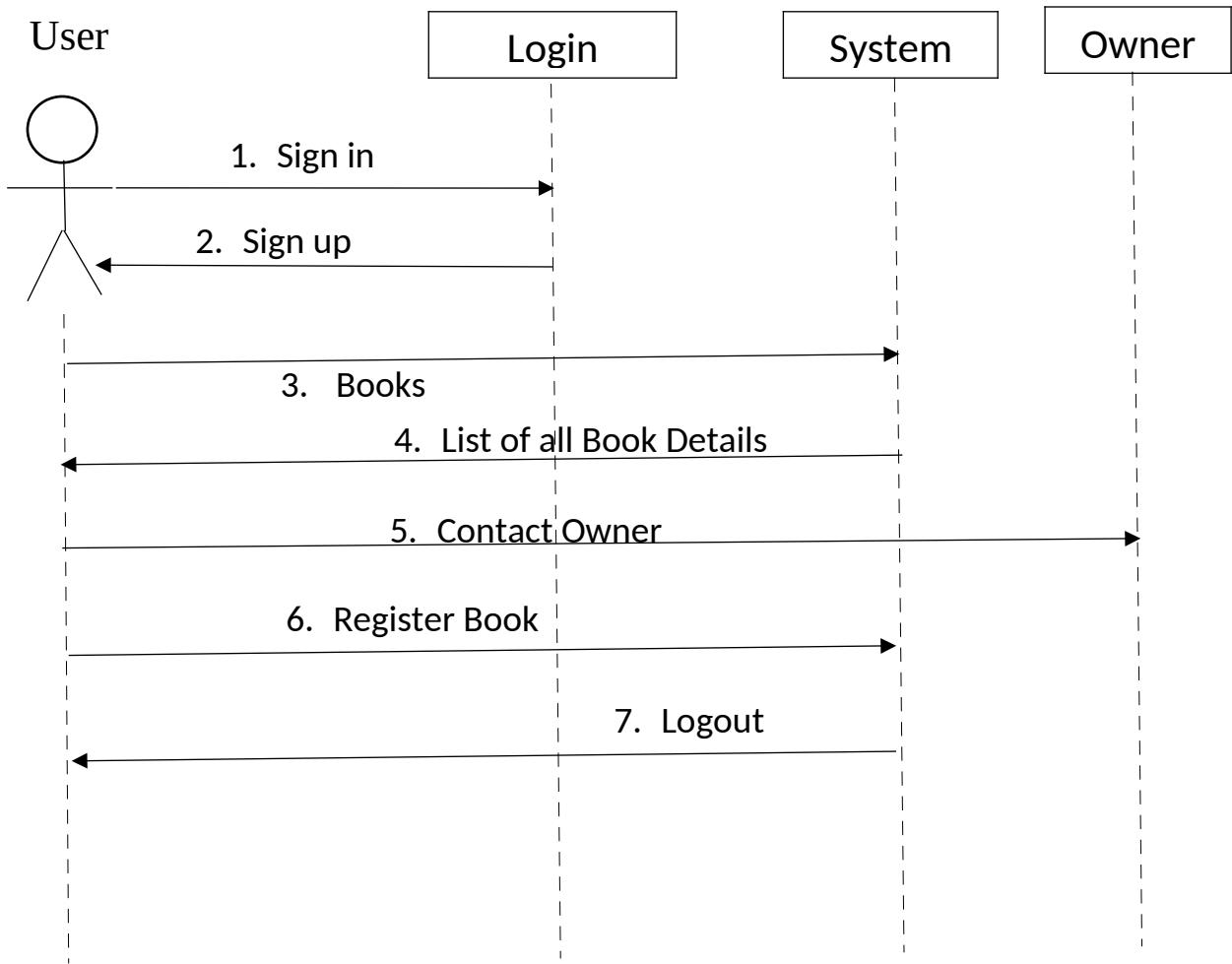
4. Deployment Diagram



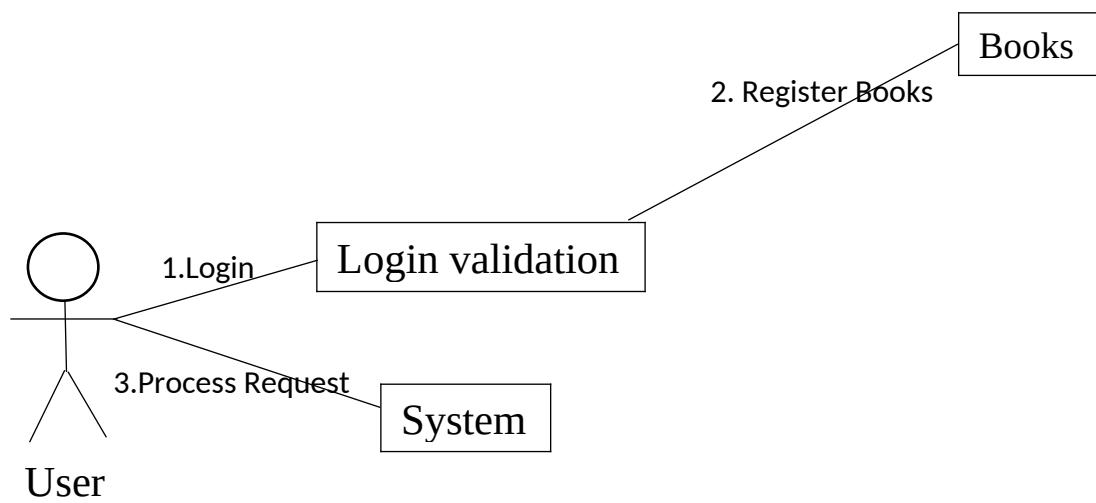
5. Use Case Diagram



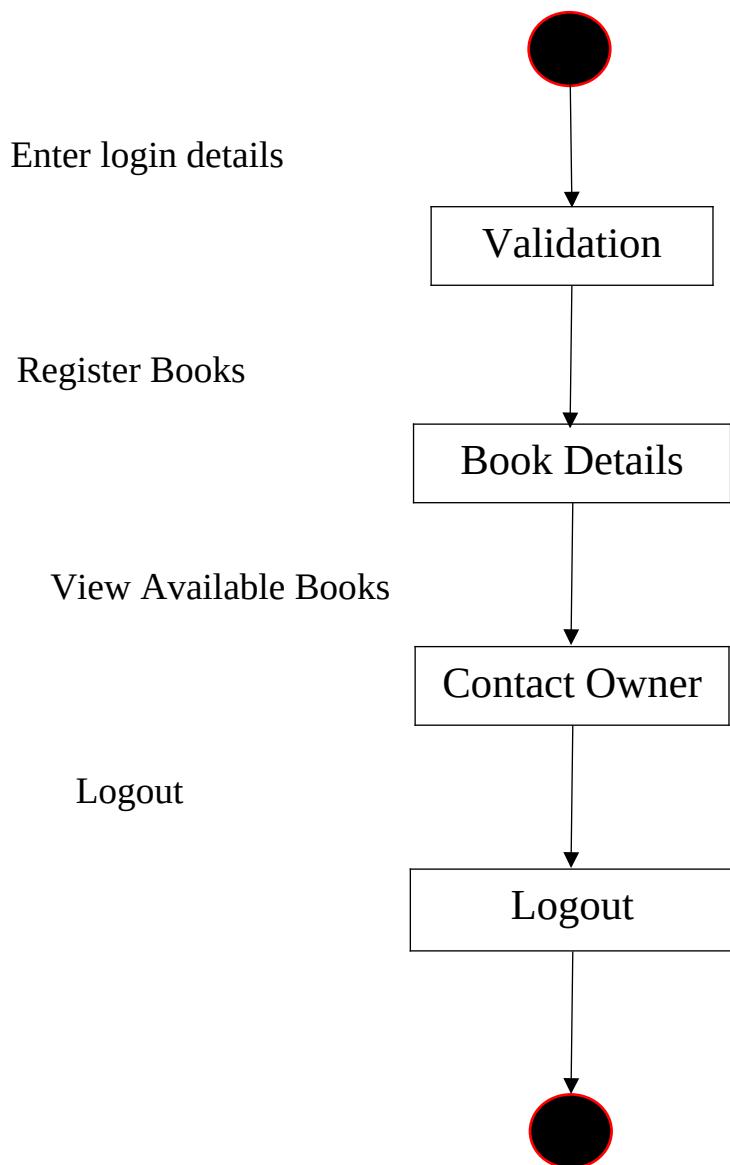
6. Sequence Diagram



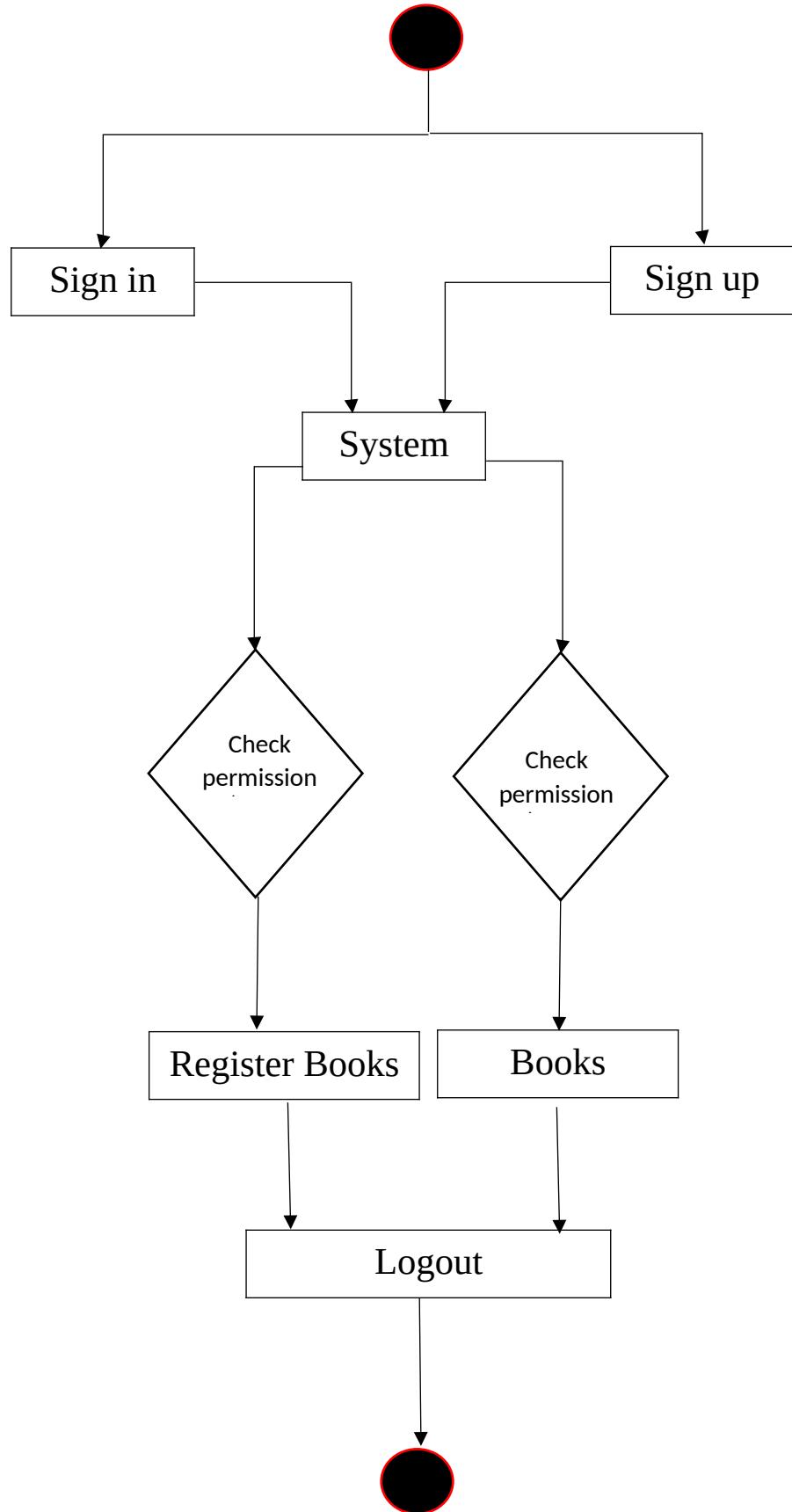
7. Collaboration Diagram



8. State Chart Diagram



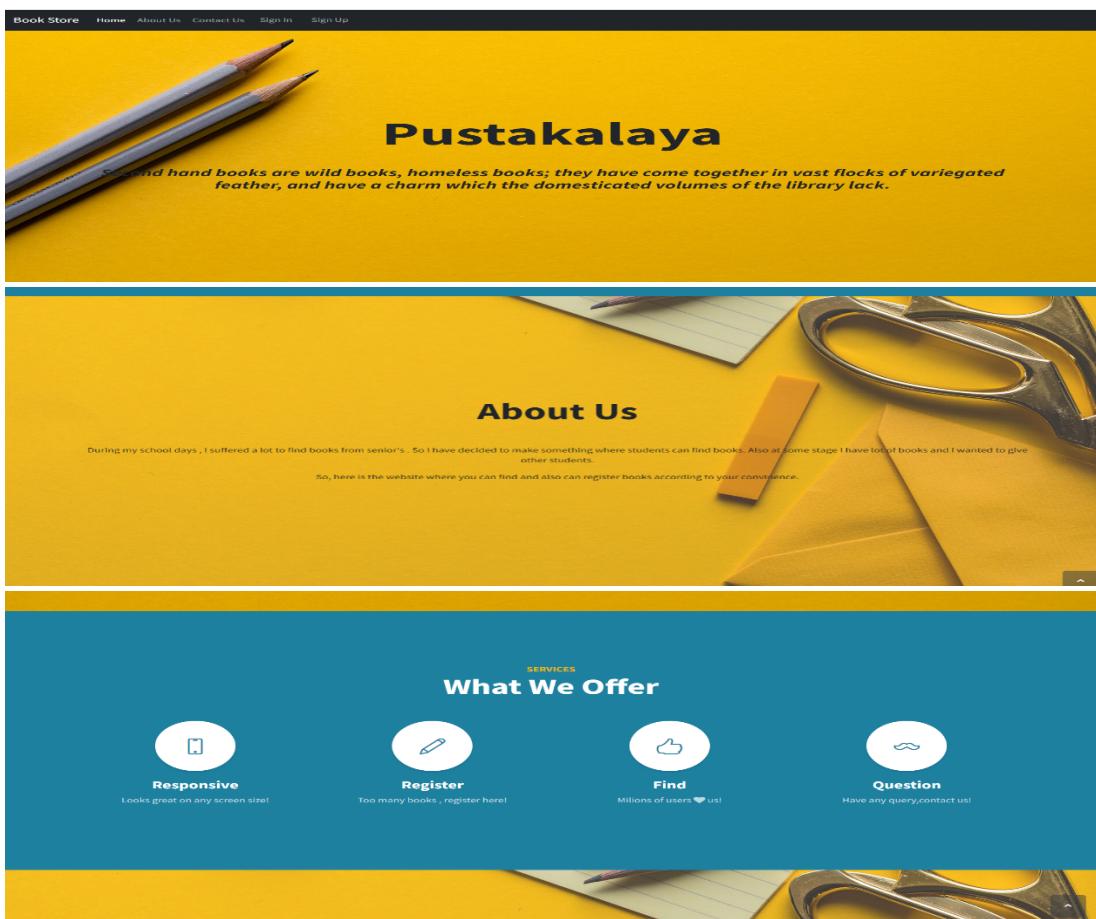
9. Activity Diagram

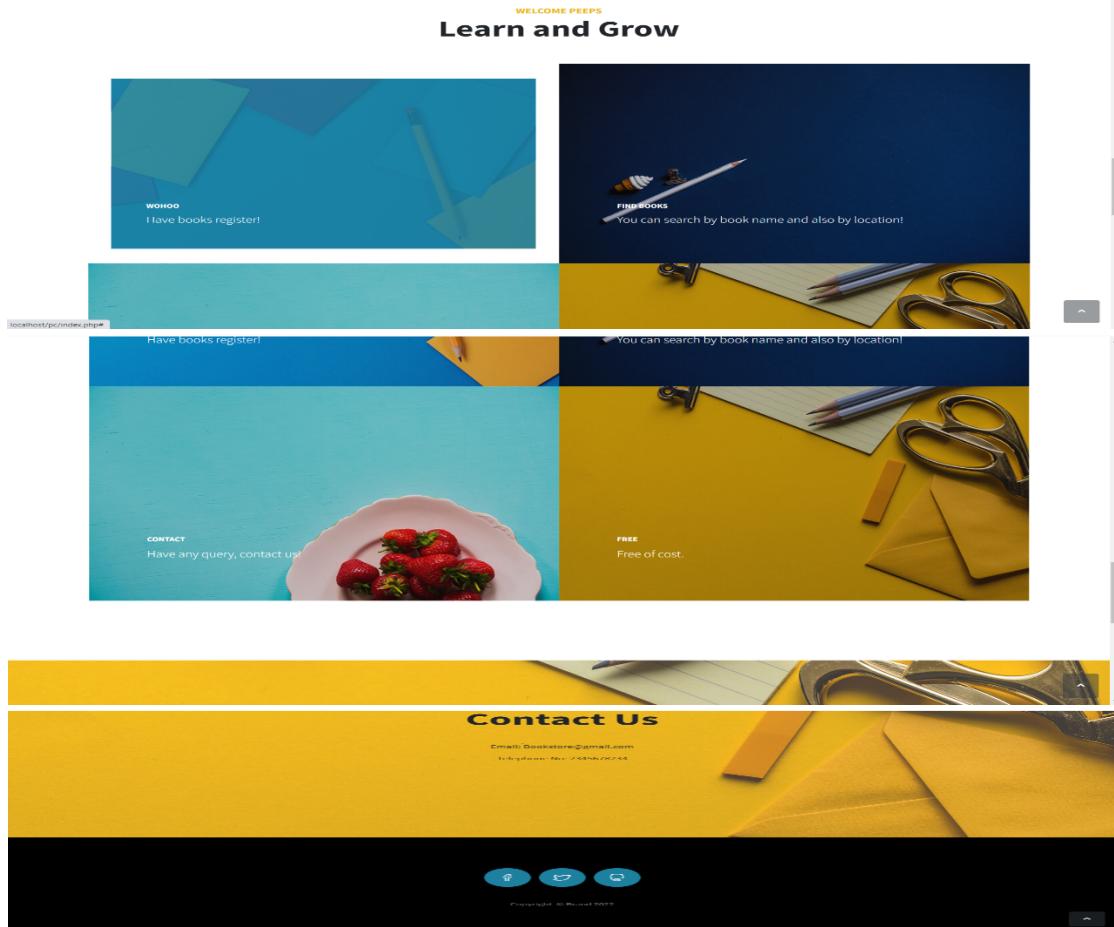


Project design/OUTPUT

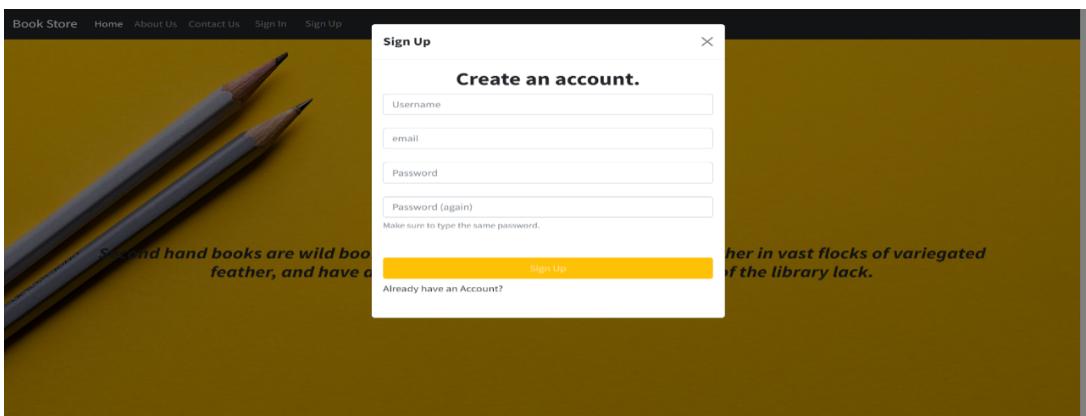
For designing and implementing of PUSTAKALAYA Website I used HTML, CSS, bootstrap, php and MySQL. Following pages have been designed using HTML, CSS, bootstrap, php and MySQL handle the defined objective of this project.

1. Index: This the first page which user observe after running the project. Here the user can see the additional details of the project.

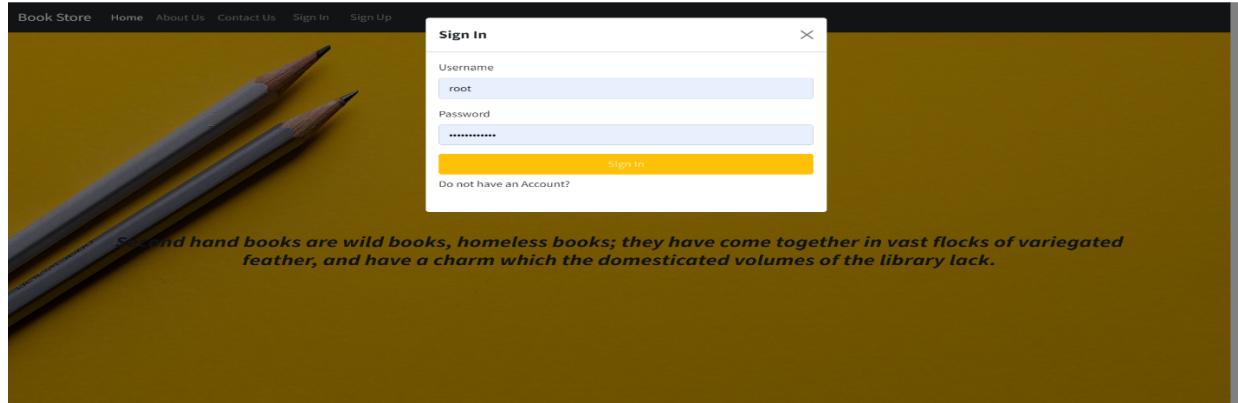




2. Sign Up Page: If any person is new to this website then the person have to sign up to become the user of this website.



3. Sign InPage : Now if any person became the user of this website can sign in to enter the user page.



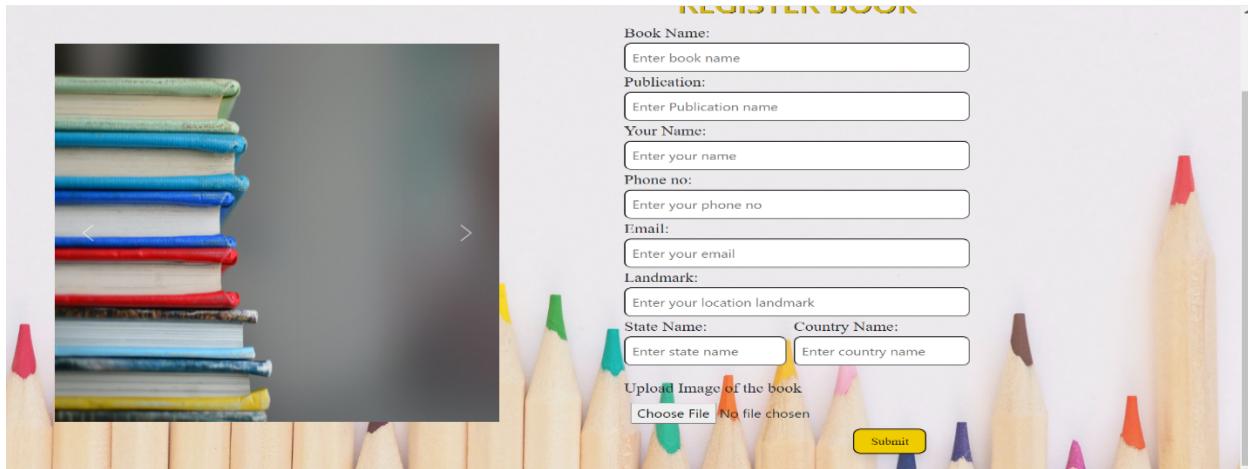
4. UserPage : This page is similar to index page the only difference is in the elements in the navigation bar. In this page user can register books and can also see the available books.



5. Books: In this page user can see the available books with the details of owners and books.

Registered Book Details									
Sno	Book Name	Publication	Owner Name	Contact Number	Email	Landmark	State	Country	Image
22	phy	arya	Shiwani Kumari	123	shiwani829107@gmail.com	Iatpur	Jharkhand	India	
25	bio	arya	Shiwani Kumari	124	shiwani829107@gmail.com	Iatpur	Jharkhand	India	

6. Register Book: In this page where user can register books with the details of book and book owner.



Source Code

Homepage

//HTML And PHP Code

```
<?php
if (isset($_POST['signin'])) {
    include 'partials/_dbconnect.php';
    $username = $_POST["username"];
    $password = $_POST["password"];
    $sql = "Select * from users where username='$username'";
    $result = mysqli_query($conn, $sql);
    $num = mysqli_num_rows($result);
    if ($num == 1) {
        while ($row = mysqli_fetch_assoc($result)) {
            $login = true;
        }
        session_start();
        $_SESSION['loggedin'] = true;
        $_SESSION['username'] = $username;
        header("location:index.php");
    }
} else {
    $showError = "Invalid Credentials";
}
?>
<!DOCTYPE html>
```

```

<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0, shrink-to-fit=no">
<title>Home - Brand</title>
<link rel="stylesheet" href="assets/bootstrap/css/bootstrap.min.css">
<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,700,300italic,400italic,700italic&display=swap">
<link rel="stylesheet" href="assets/fonts/font-awesome.min.css">
<link rel="stylesheet" href="assets/fonts/simple-line-icons.min.css">
<link rel="stylesheet" href="assets/css/untitled.css">
<link rel="stylesheet" href="index.css">
</head>
<body id="page-top">
<?php require 'partials/_nav.php'?>
<?php
    $showAlert = false;
    $showError = false;
    if ($_SERVER['REQUEST_METHOD'] == "POST") {
        if (isset($_POST['signup'])) {
            include 'partials/_dbconnect.php';
            $username = $_POST["username"];
            $email = $_POST["email"];
            $password = $_POST["password"];
            $cpassword = $_POST["cpassword"];
            $existSql = "SELECT * FROM `users` WHERE username= '$username'";
            $result = mysqli_query($conn, $existSql);
            $numExistRows = mysqli_num_rows($result);
            if ($numExistRows > 0) {
                $showError = "Username already exists";
            }
            else {
                if (($password == $cpassword)) {
                    $hash = password_hash($password, PASSWORD_DEFAULT);
                    $sql = "INSERT INTO `users` (`username`, `email`, `password`, `dt`) VALUES
                    ('$username', '$email', '$hash', current_timestamp());";
                    $result = mysqli_query($conn, $sql);
                    if ($result) {
                        $showAlert = true;
                    }
                }
            }
        }
    }

```

```

$showError = "Password do not match";
} } }
if ($showAlert) {
echo '<div class="alert alert-success alert-dismissible fade show" role="alert">
<strong>Success!</strong> Your account is now created and you can login.
<button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>
</div>';
}
if ($showError) {
echo '<div class="alert alert-danger alert-dismissible fade show" role="alert">
<strong>Error!</strong> ' . $showError . '
<button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>
</div>';
}
?>
<header class="d-flex masthead" style="background-image:url('assets/img/bg-masthead.jpg');">
<div class="container my-auto text-center">
<h1 class="mb-1">Pustakalaya</h1>
<h3 class="mb-5"><em><br>Second hand books are wild books, homeless books; they have
come together in vast flocks of variegated feather, and have a charm which the domesticated
volumes of the library lack.<br><br></em></h3>
<?php
if($loggedin){
echo '<a class="btn btn-primary btn-xl js-scroll-trigger" role="button"
href="reg.php">Register</a>';
}
?>
<div class="overlay"></div>
</div>
</header>
<?php
if($loggedin){
echo '<section class="content-section bg-light">
<div class="container text-center">
<div class="row">
<div class="col-lg-10 mx-auto">
<h2><br>Help yourself and others!<br></h2>
<p class="lead mb-5"><span>You can&nbsp;</span><a
href="books.php">find&nbsp;</a><span>&nbsp;and&nbsp;</span><span><a
href="reg.php">register</a><span>&nbsp;books easily and help others</span>!</span></p><a
class="btn btn-dark btn-xl js-scroll-trigger" role="button" href="#services">What We Offer</a>

```

```

</div></div></div>
</section>';
    }
    ?>
<section id="services" class="content-section bg-primary text-white text-center">
<div class="container">
<div class="content-section-heading">
<h3 class="text-secondary mb-0">Services</h3>
<h2 class="mb-5">What We Offer</h2>
</div>
<div class="row">
<div class="col-md-6 col-lg-3 mb-5 mb-lg-0"><span class="mx-auto service-icon rounded-circle mb-3"><i class="icon-screen-smartphone"></i></span>
<h4><strong>Responsive</strong></h4>
<p class="mb-0 text-faded">Looks great on any screen size!</p>
</div>
<div class="col-md-6 col-lg-3 mb-5 mb-lg-0"><span class="mx-auto service-icon rounded-circle mb-3"><i class="icon-pencil"></i></span>
<h4><strong>Register</strong></h4>
<p class="mb-0 text-faded">Too many books , register here!<br></p>
</div>
<div class="col-md-6 col-lg-3 mb-5 mb-lg-0"><span class="mx-auto service-icon rounded-circle mb-3"><i class="icon-like"></i></span>
<h4><strong>Find</strong></h4>
<p class="mb-0 text-faded"><span>Milions of users&nbsp;</span><i class="fa fa-heart"></i><span>&nbsp;us!</span></p>
</div>
<div class="col-md-6 col-lg-3 mb-5 mb-lg-0"><span class="mx-auto service-icon rounded-circle mb-3"><i class="icon-mustache"></i></span>
<h4><strong>Question</strong></h4>
<p class="mb-0 text-faded">Have any query,contact us!<br><br></p>
</div>
</div>
</div>
</section>
<section class="callout" id="about" style="background: linear-gradient(90deg, rgba(255, 255, 255, 0.1) 0%, rgba(255, 255, 255, 0.1) 100%), url("assets/img/bg-callout.jpg"); background-position: center center; background-repeat: no-repeat; background-size: cover;">
<div class="container text-center">
<h2 class="mx-auto mb-5"><span>About Us</span></h2>

```

<p>During my school days , I suffered a lot to find books from senior's . So I have decided to make something where students can find books. Also at some stage I have lot of books and I wanted to give other students.</p>

<p>So, here is the website where you can find and also can register books according to your convinence. </p>

</div>

</section>

<section id="portfolio" class="content-section">

<div class="container">

<div class="content-section-heading text-center">

<h3 class="text-secondary mb-0">Welcome Peeps</h3>

<h2 class="mb-5">Learn and Grow</h2>

</div>

<div class="row g-0">

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

<div class="caption">

<div class="caption-content">

<h2>Wohoo</h2>

<p class="mb-0">Have books register!</p>

</div>

</div>

</div>

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

<div class="caption">

<div class="caption-content">

<h2>Find Books</h2>

<p class="mb-0">You can search by book name and also by location!</p>

</div>

</div>

</div>

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

<div class="caption">

<div class="caption-content">

<h2>contact</h2>

<p class="mb-0">Have any query, contact us!</p>

</div>

</div>

</div>

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

<div class="caption">

<div class="caption-content">

```

<h2>Free</h2>
<p class="mb-0">Free of cost.</p>
</div>
</div>
</a></div>
</div>
</div>
</section>
<section class="callout" id="contact" style="background:linear-gradient(90deg, rgba(255, 255, 255, 0.1) 0%, rgba(255, 255, 255, 0.1) 100%), url("assets/img/bg-callout.jpg");background-position:center center;background-repeat:no-repeat;background-size:cover;">
<div class="container text-center">
<h2 class="mx-auto mb-5"><span>Contact Us</span></h2>
<p>Email: Bookstore@gmail.com</p>
<p>Telephone No: 2345678234</p>
</div>
</section>
<footer class="footer text-center">
<div class="container">
<ul class="list-inline mb-5">
<li class="list-inline-item">&ampnbsp<a class="link-light social-link rounded-circle" href="#"><i class="icon-social-facebook"></i></a></li>
<li class="list-inline-item">&ampnbsp<a class="link-light social-link rounded-circle" href="#"><i class="icon-social-twitter"></i></a></li>
<li class="list-inline-item">&ampnbsp<a class="link-light social-link rounded-circle" href="#"><i class="icon-social-github"></i></a></li>
</ul>
<p class="text-muted mb-0 small">Copyright &nbsp;© Brand 2022</p>
</div><a class="js-scroll-trigger scroll-to-top rounded" href="#page-top"><i class="fa fa-angle-up"></i></a>
</footer>
<script src="assets/bootstrap/js/bootstrap.min.js"></script>
<script src="assets/js/stylish-portfolio.js"></script>
</body>
</html>

```

Navigation Bar

//HTML And PHP Code

```

<?php
session_start();
if (isset($_SESSION['loggedin']) && $_SESSION['loggedin'] == true) {
    $loggedin = true;
}
else {
    $loggedin = false;
}
echo '<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
<div class="container-fluid">
<a class="navbar-brand" href="#">Book Store</a>
<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarSupportedContent">
<ul class="navbar-nav me-auto mb-2 mb-lg-0">
<li class="nav-item">
<a class="nav-link active" aria-current="page" href="index.php">Home</a>
</li>
<li class="nav-item">
<a class="nav-link" href="#about">About Us</a>
</li>
<li class="nav-item">
<a class="nav-link" href="#contact">Contact Us</a>
</li>';
if (!$loggedin) {
    echo '<li class="nav-item">
<button type="button" class="btn " data-bs-target="#signin" data-bs-toggle="modal">Sign In</button>
<div class="modal" id="signin">
<div class="modal-dialog">
<div class="modal-content">
<div class="modal-header">
<!--<a class="nav-link" id="signin">Sign In</a> -->
<h5 class="modal-title">Sign In</h5>
<button type="button" class="btn-close" data-bs-dismiss="modal"
        aria-label="Close"></button>
</div>
<div class="modal-body">

```

```

<!-- sign in -->
<form class="form-container" method="post">
<div class="mb-3">
<label for="exampleInputEmail1" class="form-label">Username</label>
<input type="text" class="form-control" name="username" id="exampleInputEmail1" aria-describedby="emailHelp" required>
</div>
<div class="mb-3">
<label for="exampleInputPassword1" class="form-label">Password</label>
<input type="password" class="form-control" name="password" id="exampleInputPassword1" required>
</div>
<div class="d-grid gap-2">
<input class="btn btn-warning" name="signin" type="submit" value="Sign In">
</div>
<p>Do not have an Account?<button type="button" class="btn btn-link" data-bs-target="#signup" data-bs-toggle="modal">SignUp</button></p>
</form></div></div></div></li>
<li class="nav-item">
<button type="button" class="btn" data-bs-target="#signup" data-bs-toggle="modal">Sign Up</button>
<div class="modal" id="signup">
<div class="modal-dialog">
<div class="modal-content">
<div class="modal-header">
<h5 class="modal-title">Sign Up</h5>
<button type="button" class="btn-close btn-warning" data-bs-dismiss="modal" aria-label="Close"></button>
</div>
<div class="modal-body">
<form class="form-container" method="post" action="index.php">
<div class="form-container">
<!--<form method="post"> -->
<h2 class="text-center">Create an account.</h2>
<div class="form-group"><input class="form-control" type="name" name="username" placeholder="Username" required></div>
<br>
<div class="form-group"><input class="form-control" type="email" name="email" required="" placeholder="email" data-error="enter email" required></div>
<br>

```

```

<div class="form-group"><input class="form-control" type="password" name="password"
placeholder="Password" required></div>
<br>
<div class="form-group"><input class="form-control" type="password" name="cpassword"
placeholder="Password (again)" required></div>
<div id="cpassword" class="form-text">Make sure to type the same password.</div>
<div class="form-group">
<br></div>
<br>
<div class="d-grid gap-2">
<input class="btn btn-warning" name="signup" type="submit" value="Sign Up">
</div>
<p>Already have an Account?<button type="button" class="btn btn-link" data-bs-
target="#signin" data-bs-toggle="modal">Sign In</button></p>
</form></div>
<!--</form> -->
</div></div></div></div></div>'>
}
echo '</ul>';
if ($loggedin) {
echo '
<li class="nav-item ">
<a class="nav-link text-muted " href="books.php">Books</a>
</li>
<li class="nav-item ">
<a class="nav-link text-muted " href="reg.php">Register book</a>
</li>
<li class="nav-item">
<a class="nav-link text-muted " href="logout.php">Logout</a>
</li>';
}
?>
</div></div>
<?php
if($loggedin){
echo '<form class="d-flex mx-3" method="GET" action="search.php">
<input class="form-control me-2" type="search" name="search" required value=""?><?php if
(isset($_GET['search'])) {
echo $_GET['search'];
}
?>

```

```
<?php
echo "" placeholder="Search" aria-label="Search">
<button class="btn btn-outline-success" type="submit">Search</button>
</form>; }?></nav>
```

Books

//HTML And PHP Code

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0, shrink-to-fit=no">
<title>Untitled</title>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-beta1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-0evHe/X+R7YkIZDRvuzKMRqM+OrBnVFBL6DOifPri4tjfHxaWutUpFmB p4vmVor" crossorigin="anonymous">
</head>
<link rel="stylesheet" href="assets/bootstrap/css/bootstrap.min.css">
<link rel="stylesheet" href="assets/css/Projects-Grid.css">
<link rel="stylesheet" href="assets/css/styles.css">
<link rel="stylesheet" href="books.css">
</head>
<body>
<?php require 'partials/_nav.php'?>
<div class="container">
<br>
<h1 class="text-center text-white bg-dark">Registered Book Details</h1>
<br>
<div class="table-responsive">
<table class="table table-bordered table-striped table-hover text-center">
<thead class="bg-dark text-white">
<th>Sno</th>
<th>Book Name</th>
<th>Publication</th>
<th>Owner Name</th>
<th>Contact Number</th>
<th>Email</th>
<th>Landmark</th>
<th>State</th>
```

```

<th>Country</th>
<th>Image</th>
</thead>
<tbody>
<?php
$conn = mysqli_connect('localhost', 'root', '', 'bkstore');
$displayquery = " SELECT * FROM register ";
$querydisplay = mysqli_query($conn, $displayquery);
if(mysqli_num_rows($querydisplay)>0){
foreach($querydisplay as $row)
{
    ?
    ?>

<tr>
<td><?php echo $row['sno']; ?></td>
<td><?php echo $row['bookname']; ?></td>
<td><?php echo $row['publication']; ?></td>
<td><?php echo $row['name']; ?></td>
<td><?php echo $row['phone']; ?></td>
<td><?php echo $row['email']; ?></td>
<td><?php echo $row['landmark']; ?></td>
<td><?php echo $row['state']; ?></td>
<td><?php echo $row['country']; ?></td>
<td><imgsrc="<?php echo 'upload/'.$row['image']; ?>" height="100px" width="100px"
alt="image"></td>
</tr>
<?php
}
} ?>
</tbody>
</table>
</div>
</div>
<script src="assets/bootstrap/js/bootstrap.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-beta1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-pprn3073KE6tl6bjs2QrFaJGz5/SUsLqktiwsUTF55Jfv3qYSDhgCecCxMW52
nD2" crossorigin="anonymous"></script>
</body>
</html>

```

Logout Code

//PHP Code

```
<?php
session_start();
session_unset();
session_destroy();
header("location:index.php");
exit;?>
```

Register Page

//HTML And PHP Code

```
<!DOCTYPE html><html>
<head>
<meta charset="utf-8"><meta name="viewport" content="width=device-width, initial-scale=1.0, shrink-to-fit=no">
<title>Pustakalaya</title>
<link rel="stylesheet" href="/assets/bootstrap/css/bootstrap.min.css?h=0557f5c86fbfddaae572204457dd33e1">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/simple-line-icons/2.4.1/css/simple-line-icons.min.css">
<link rel="stylesheet" href="/assets/css/styles.min.css?h=fe8e9a99f53e6aedd9d217e4188c5627">
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MIQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous"></script>
<link rel="stylesheet" href="reg.css">
</head>
<body id="page-top">
<?php require 'partials/_nav.php'?>
<?php
$conn = mysqli_connect('localhost', 'root', '', 'bkstore');
if (isset($_POST['submit'])) {
$bookname = $_POST['bookname'];
$publication = $_POST['publication'];
```

```

$name = $_POST['name'];
$number = $_POST['number'];
$email = $_POST['email'];
$landmark = $_POST['landmark'];
$state = $_POST['state'];
$country = $_POST['country'];
$files = $_FILES['file'];
$filename = $files['name'];
$fileerror = $files['error'];
$filetmp = $files['tmp_name'];
$fileext = explode('.', $filename);
$filecheck = strtolower(end($fileext));
$fileextstored = array('png', 'jpg', 'jpeg');
if (in_array($filecheck, $fileextstored)) {
    $destinationfile = 'upload/' . $filename;
    move_uploaded_file($filetmp, $destinationfile);
    $q = "INSERT INTO `register` (`bookname`, `publication`, `name`, `phone`, `email`,
`landmark`, `state`, `country`, `image`) VALUES ('$bookname', '$publication', '$name',
'$number', '$email', '$landmark', '$state', '$country', '$filename')";
    $query = mysqli_query($conn, $q);
    if($query){
        echo '<div class="alert alert-success alert-dismissible fade show" role="alert">
            You have registered a book successfully. View registered books <a
            href="books.php" class="alert-link">here</a>.
        <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>
        </div>';
    }
}
else{
    echo "not ins";
}
?>
<section id="rpage">
<div id="demo">
<div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel">
<div class="carousel-inner">
<div class="carousel-item active">

</div>
<div class="carousel-item">

</div>

```

```

<div class="carousel-item">

</div>
<div class="carousel-item">

</div>
</div>
<button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleControls" data-bs-slide="prev">
<span class="carousel-control-prev-icon" aria-hidden="true"></span>
<span class="visually-hidden">Previous</span>
</button>
<button class="carousel-control-next" type="button" data-bs-target="#carouselExampleControls" data-bs-slide="next">
<span class="carousel-control-next-icon" aria-hidden="true"></span>
<span class="visually-hidden">Next</span>
</button>
</div>
</div>
<div id="page">
<form action="reg.php" method="post" enctype="multipart/form-data">
<h1 class="regbook">REGISTER BOOK</h1>
<div class="form-group">
<label for="Bname">Book Name:</label>
<input type="text" name="bookname" id="name" placeholder="Enter book name">
</div>
<div class="form-group">
<label for="publication">Publication:</label>
<input type="text" name="publication" id="name" placeholder="Enter Publication name">
</div>
<div class="form-group">
<label for="name">Your Name:</label>
<input type="text" name="name" id="name" placeholder="Enter your name">
</div>
<div class="form-group">
<label for="name">Phone no:</label>
<input type="phone" name="number" id="phone" placeholder="Enter your phone no">
</div>
<div class="form-group">
<label for="email">Email:</label>
<input type="email" name="email" id="email" placeholder="Enter your email">

```

```

</div>
<div class="form-group">
<label for="location landmark">Landmark:</label>
<input type="text" name="landmark" id="name" placeholder="Enter your location landmark">
</div>
<div class="flex-input">
<div class="form-group state-n">
<label for="state name">State Name:</label>
<input type="text" name="state" id="name" placeholder="Enter state name">
</div>
<div class="form-group">
<label for="country name">Country Name:</label>
<input type="text" name="country" id="name" placeholder="Enter country name">
</div>
</div>
<div class="form-group img-up">
<label for="file-ip-1">Upload Image of the book</label>
<input type="file" name="file" id="file-ip-1" accept="image/*" placeholder="image">
</div>
<button type="submit" name="submit" class="btn submit">Submit</button>
</form>
</div>
</section>
</body>
</html>

```

Search Code

//HTML And PHP Code

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0, shrink-to-fit=no">
<title>Untitled</title>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-beta1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-0evHe/X+R7YkIZDRvuzKMRqM+OrBnVFBL6DOitfPri4tjfHxaWutUpFmBp4vmVor" crossorigin="anonymous">
</head>
<link rel="stylesheet" href="assets/bootstrap/css/bootstrap.min.css">

```

```

<link rel="stylesheet" href="assets/css/Projects-Grid.css">
<link rel="stylesheet" href="assets/css/styles.css">
<link rel="stylesheet" href="books.css">
</head>
<body>
<?php require 'partials/_nav.php'?>
<div class="container">
<br>
<h1 class="text-center text-white bg-dark">Registered Book Details</h1>
<br>
<div class="table-responsive">
<table class="table table-bordered table-striped table-hover text-center">
<thead class="bg-dark text-white">
<th>Sno</th>
<th>Book Name</th>
<th>Publication</th>
<th>Owner Name</th>
<th>Contact Number</th>
<th>Email</th>
<th>Landmark</th>
<th>State</th>
<th>Country</th>
<th>Image</th>
</thead>
<tbody>
<?php
if ($_SERVER["REQUEST_METHOD"] == "GET") {
    if (isset($_GET['search'])) {
        include 'partials/_dbconnect.php';
        $filtervalues = $_GET['search'];
        $query = "SELECT * FROM register WHERE CONCAT(`bookname`, `publication`, `name`, `phone`, `email`, `landmark`, `state`, `country`, `image`) LIKE '%$filtervalues%'";
        $query_run = mysqli_query($conn, $query);
        if(mysqli_num_rows($query_run)>0){
            foreach($query_run as $items){
                ?>
                <tr>
                <td><?php echo $items['sno']; ?></td>
                <td><?php echo $items['bookname']; ?></td>
                <td><?php echo $items['publication']; ?></td>
                <td><?php echo $items['name']; ?></td>
            }
        }
    }
}

```

```

<td><?php echo $items['phone']; ?></td>
<td><?php echo $items['email']; ?></td>
<td><?php echo $items['landmark']; ?></td>
<td><?php echo $items['state']; ?></td>
<td><?php echo $items['country']; ?></td>
<td><imgsrc="<?php echo 'upload/' . $items['image']; ?>" height="100px" width="100px"
alt="image"></td>
</tr>
<?php
    }
}
else{
    ?>
<tr>
<td colspan="10">No records found</td>
</tr>
<?php
    } } }
?>
</tbody>
</table>
</div>
</div>
<script src="assets/bootstrap/js/bootstrap.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-beta1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-pprn3073KE6tl6bjs2QrFaJGz5/SUsLqktiwsUTF55Jfv3qYSDhgCecCxMW52
nD2" crossorigin="anonymous"></script>
</body></html>

```

Sign Up

//PHP Code

```

<?php
$showAlert = false;
$showError = false;
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    if (isset($_POST['signup'])) {
        include 'partials/_dbconnect.php';
        $username = $_POST["username"];
        $email = $_POST["email"];
        $password = $_POST["password"];

```

```

$cpassword = $_POST["cpassword"];
$existSql = "SELECT * FROM `users` WHERE username= '$username'";
$result = mysqli_query($conn, $existSql);
$numExistRows = mysqli_num_rows($result);
if ($numExistRows > 0) {
    $showError = "Username already exists";
}
else {
    if (($password == $cpassword)) {
        $hash = password_hash($password, PASSWORD_DEFAULT);
        $sql = "INSERT INTO `users` (`username`, `email`, `password`, `dt`) VALUES
        ('$username', '$email', '$hash', current_timestamp());";
        $result = mysqli_query($conn, $sql);
        if ($result) {
            $showAlert = true;
        }
    }
    else {
        $showError = "Password do not match";
    }
}
?>

```

DBconnection

//PHP Code

```

<?php
$server = "localhost";
$username = "root";
$password = "";
$database = "bkstore";

$conn = mysqli_connect($server, $username, $password, $database);
if (!$conn) {
die("Error" . mysqli_connect_error());
}

?>

```

Conclusion

The project “PUSTAKALAYA Application” is designed in such a way that in future we can do as many modifications we want. We can add many more topics.

The application creates awareness among the students or people of any age group about that they can easily find books at any place in just a click. We don't have to ask many people around us if they have that specific book.

Here we can register books if we have any book which is not in use so that other people can grasp the knowledge rather than giving it for recycling.

FUTURE SCOPE

The Scope of this project is very broad in terms of gaining knowledge about different crafts and can get those from different states in our home.

Few points are:-

- Can be used anywhere any time as it is a web based application.
- This application will be used by anyone who wants to host or participate in one .
- The project has been made user-friendly and has a great UI and UX, so that, the user won't need to have any technical knowledge to use it.
- Website is fully responsive so its easy to operate with any device.

Bibliography

1. <https://stackoverflow.com/>
2. <https://unsplash.com/>
3. <https://www.w3schools.com/>
4. <https://www.tutorialspoint.com/>
5. <https://en.wikipedia.org/>
6. <https://getbootstrap.com/>

Thank you