Web Development 2 – Assignment

C21436494 / TU856-2

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List of PHP Pages I Used In My Assignment:

- **login.php -** I used a simple login page for my website. The user must identify themselves to the system in order to have access to all the other pages apart from only just the login and registration page. The login page allows users to enter a username and password if they already have one. I used the method "POST" in other to give the resulting information back to the login page. I also had error checking to ensure that any incorrect inputs by the user will be met by an error message correlating to their mistakes e.g., wrong password etc. Once a user has logged in it will then bring them to the home page (home.php). Once the session has started the user can no longer access the login or registration page (register.php) until they have logged out and end the session.
- **register.php -** Like my login page (login.php), I used a very simple registration form. This allows the user to create and register an account if they do not yet have one. Once the user has inputted the correct information, their information is then put in the database, and they are then asked to login using (login.php). In the case that the user enters the wrong information, I have error checking to ensure the user knows what they are inputting incorrectly e.g., password is too short (less than 6 characters long) etc.
- **home.php -** The user is brought to this page after they have logged in. The user can now access the rest of the pages such as the search (search.php) or the display page (display.php) via the navigation bar at the top of the page. I also used javascript on the home page to add an image carousel.
- **search.php -** This page allows the user to search for a book by either entering the name of the author or the title of the book or search by category. Once the user has entered a search the results are displayed in tables. The search displays a list of books that gives the user an option to reserve the book using reserve.php. 'Y' means that the book is already reserved, and 'N' means it is available for reservation. Once reserved the books will then be displayed in reserved.php, where the user can view their reserved books.

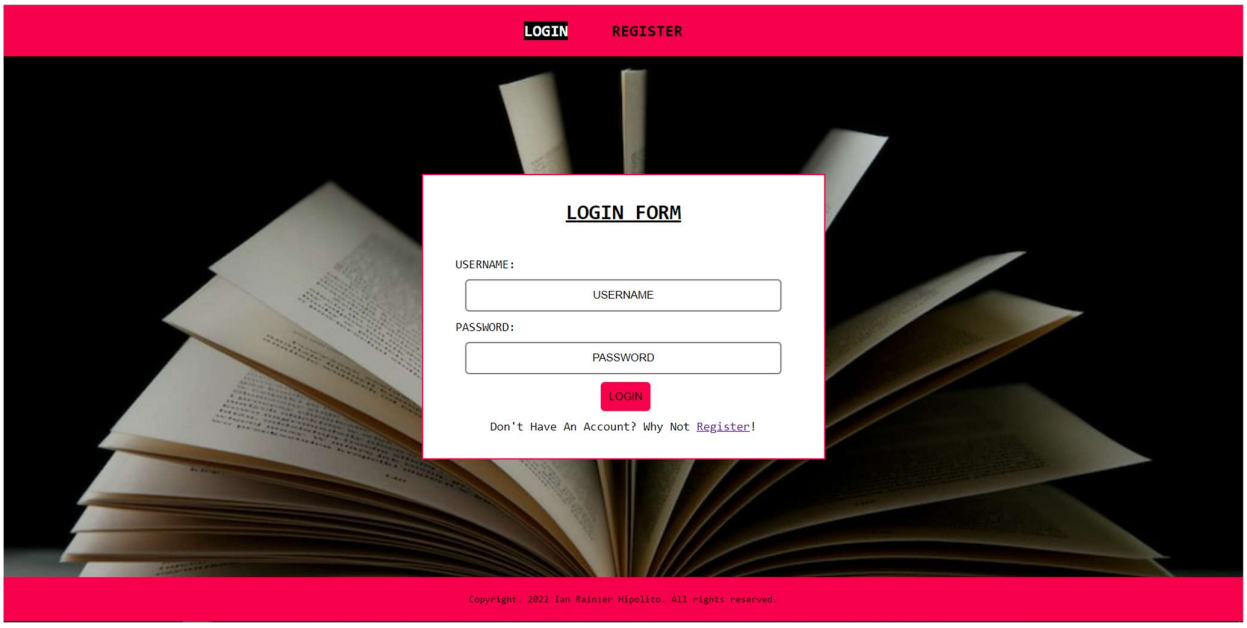
- **reserve.php -** This php page allows the user to serve books that are not yet reserved. Once the user tries to reserve a book by clicking the reserve button/link, they are brought to a confirmation page and the date of reservation is also taken. The book is then updated in the database to show that it can longer be reserved until the user unreserves the book themselves. It then brings them to the reserved page (reserved.php) to view their reserved books.
- **reserved.php -** The user's reserved books are displayed on this page and the user can see their reserved books. They can also see details of their reservation such as the date of reservation etc. This page also allows the user the option to unreserve a book if they wished using unreserve.php. This then makes the book available again for reservation.
- **Unreserved.php** - Once the user clicks on the unreserve button on the display page, they are then brought to a confirmation page to confirm that they want to unreserve their book or cancel and go back. But once the user has confirmed to unreserve that book is updated again in the database to show that it is available for reservation again.
- **display.php -** This is a simple page I made using pagination so that the user can view all the books without having to search. The books are displayed in a table with all the information alongside them. There are 3 pages with a max of 5 books on each page with the last page having 4. This also has the reserve feature that allows the user to flick through all the books and reserve them.
- **database.php -** This simple php file is used to establish a connection between my database with all the information about books etc., and my different pages. The database.php file is very important as without it we cannot connect any data from my tables to the actual website.
- **logout.php -** This is not a physical web page but just a link giving the user the option to logout at any time. Pressing the logout button on the navigation bar results in the current session being destroyed and redirecting the user back to the login page (login.php), where they will have to login again in order to gain access to the other pages again.

A List Of All the Source Files:

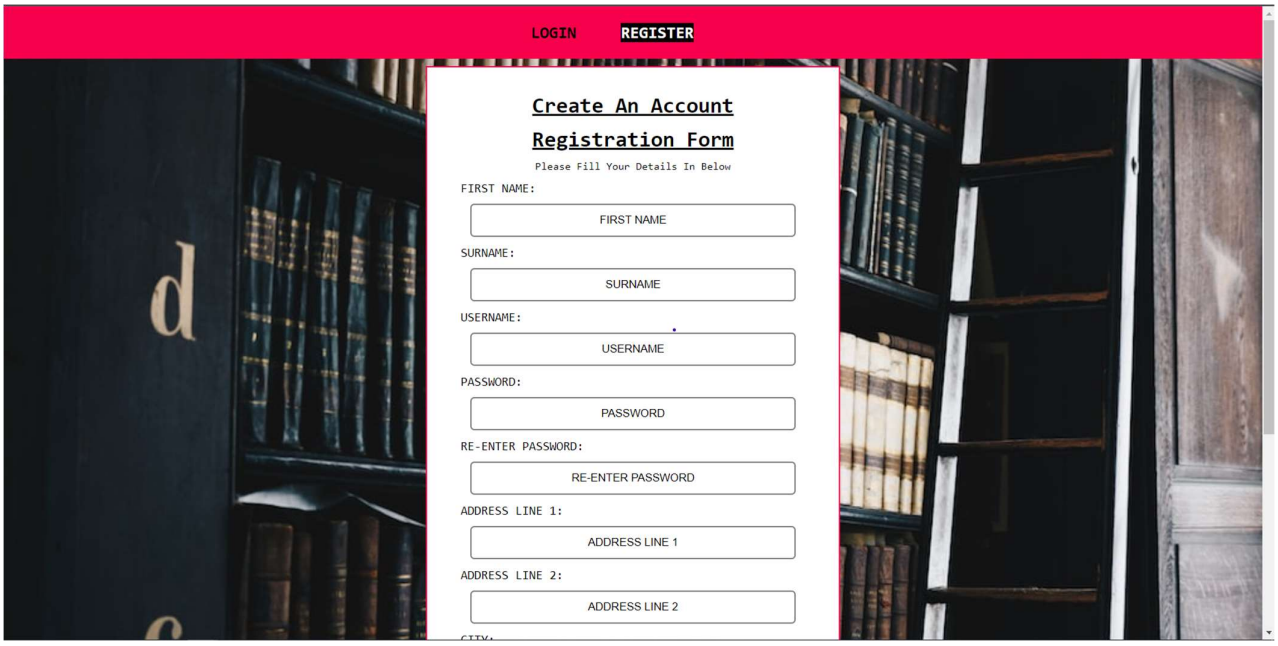
- **css**
  - **Stylesheet1.css**
- **images**
- **js**
  - **javascript1.js**
- **database.php**
- **display.php**
- **home.php**
- **login.php**
- **logout.php**
- **register.php**
- **reserve.php**
- **reserved.php**
- **search.php**
- **Unreserve.php**

Screenshots Of Website:

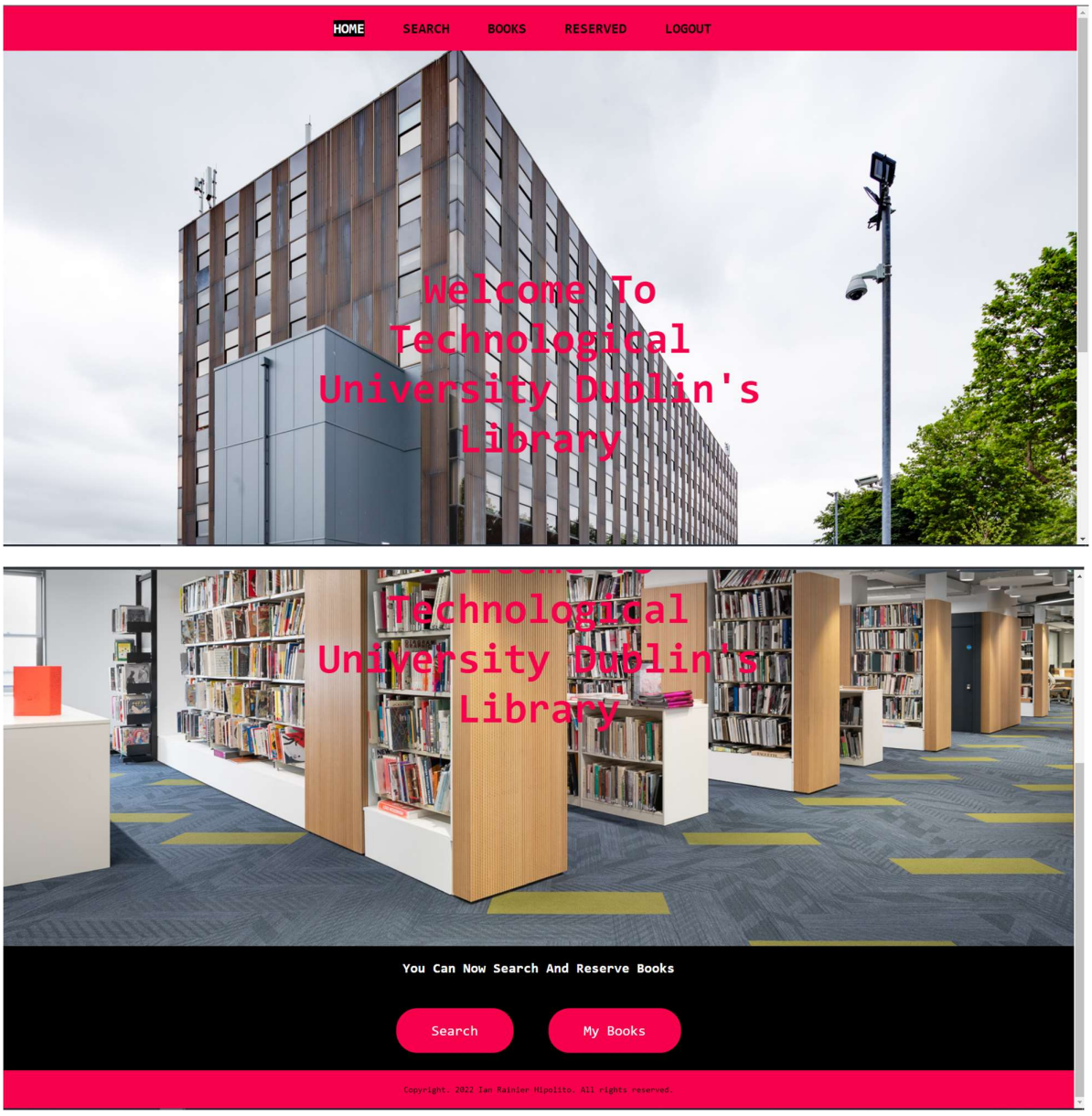
login.php



register.php



home.php


HOME
SEARCH
BOOKS
RESERVED
LOGOUT
Welcome To
Technological
University Dublin's
Library
Technological
University Dublin's
Library
You Can Now Search And Reserve Books
Search
My Books
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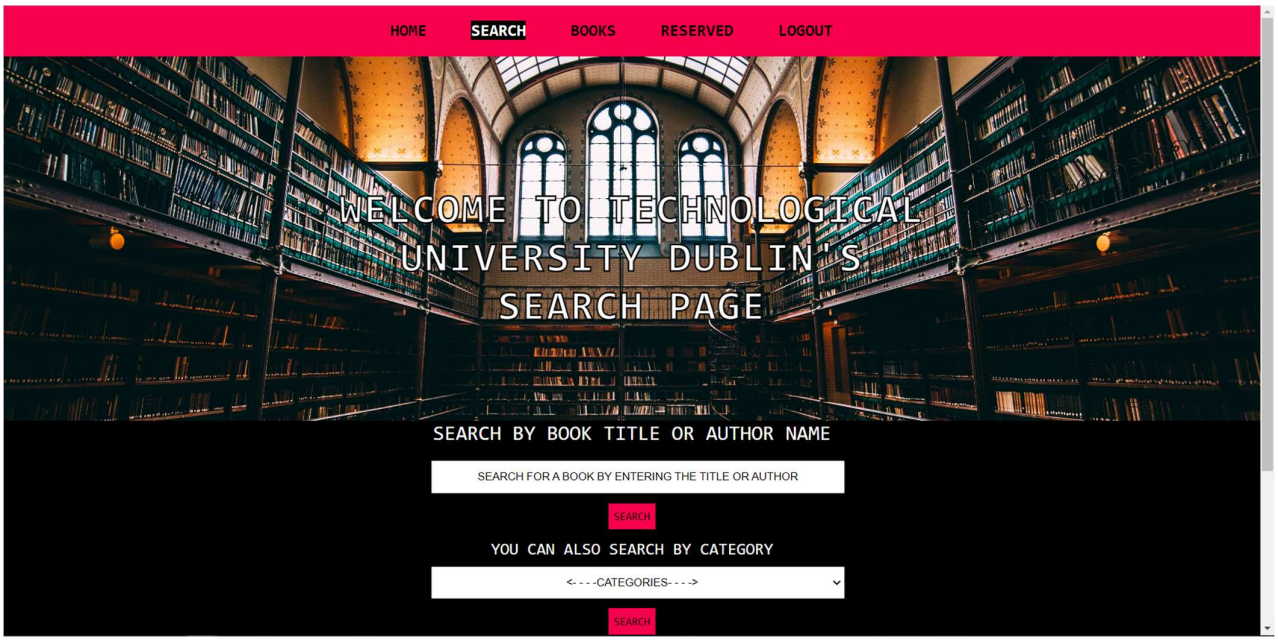
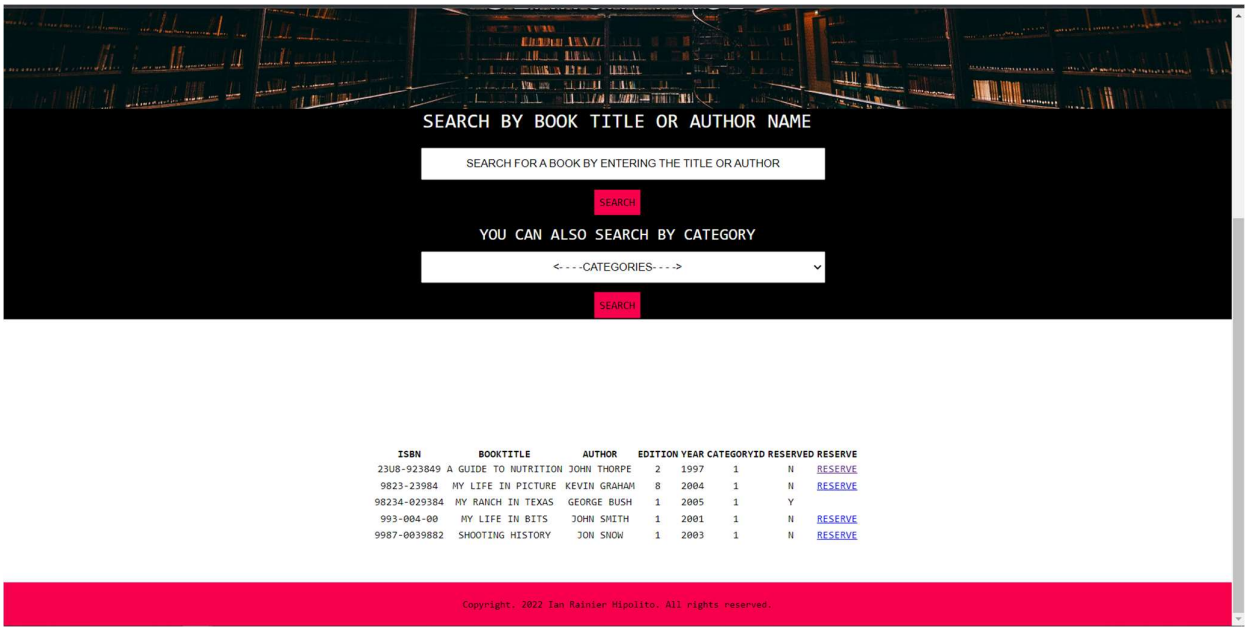
search.php



(searching)



ISBN	BOOKTITLE	AUTHOR	EDITION	YEAR	CATEGORYID	RESERVED	RESERVE
23U8-923849	A GUIDE TO NUTRITION	JOHN THORPE	2	1997	1	N	RESERVE
9823-23984	MY LIFE IN PICTURE	KEVIN GRAHAM	8	2004	1	N	RESERVE
98234-029384	MY RANCH IN TEXAS	GEORGE BUSH	1	2005	1	Y	
993-004-00	MY LIFE IN BITS	JOHN SMITH	1	2001	1	N	RESERVE
9987-0039882	SHOOTING HISTORY	JON SNOW	1	2003	1	N	RESERVE

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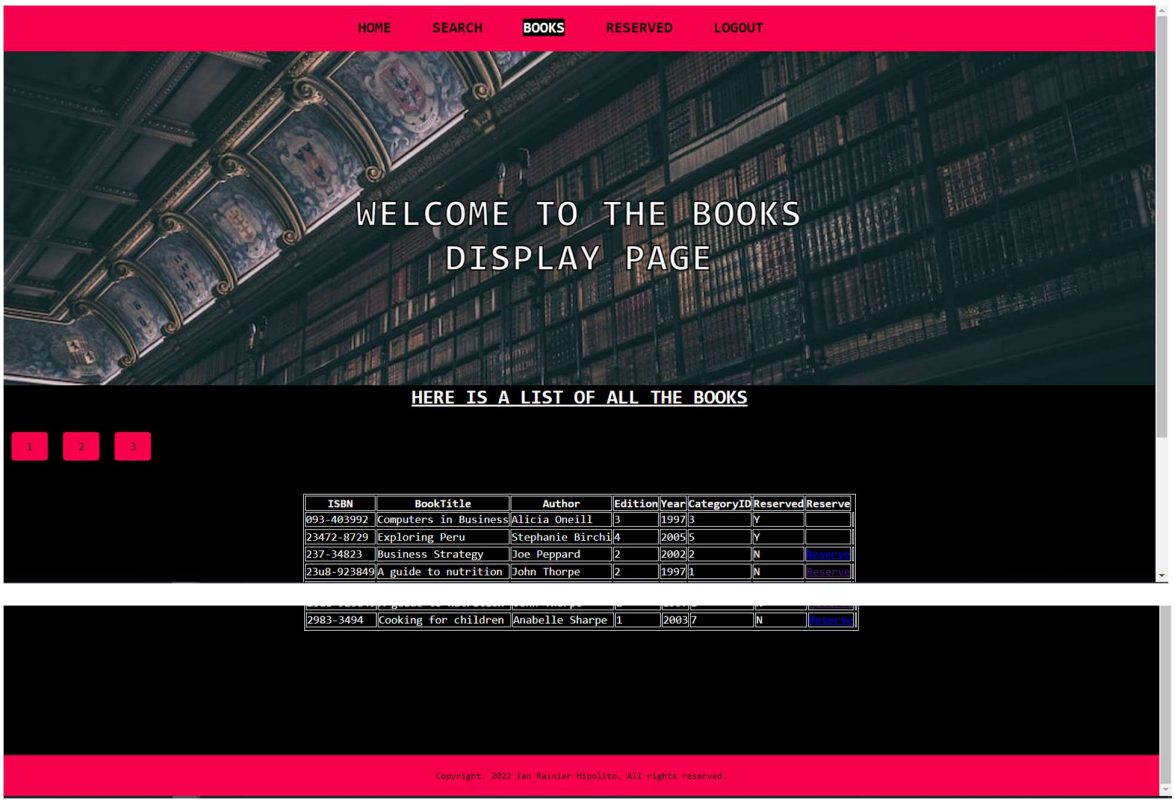
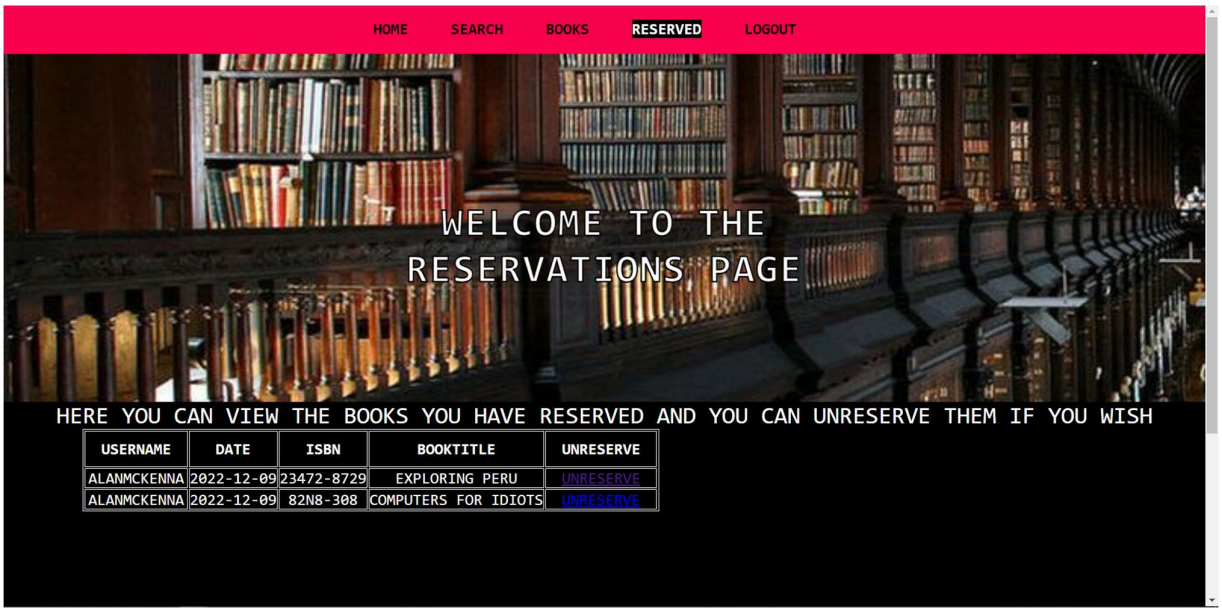
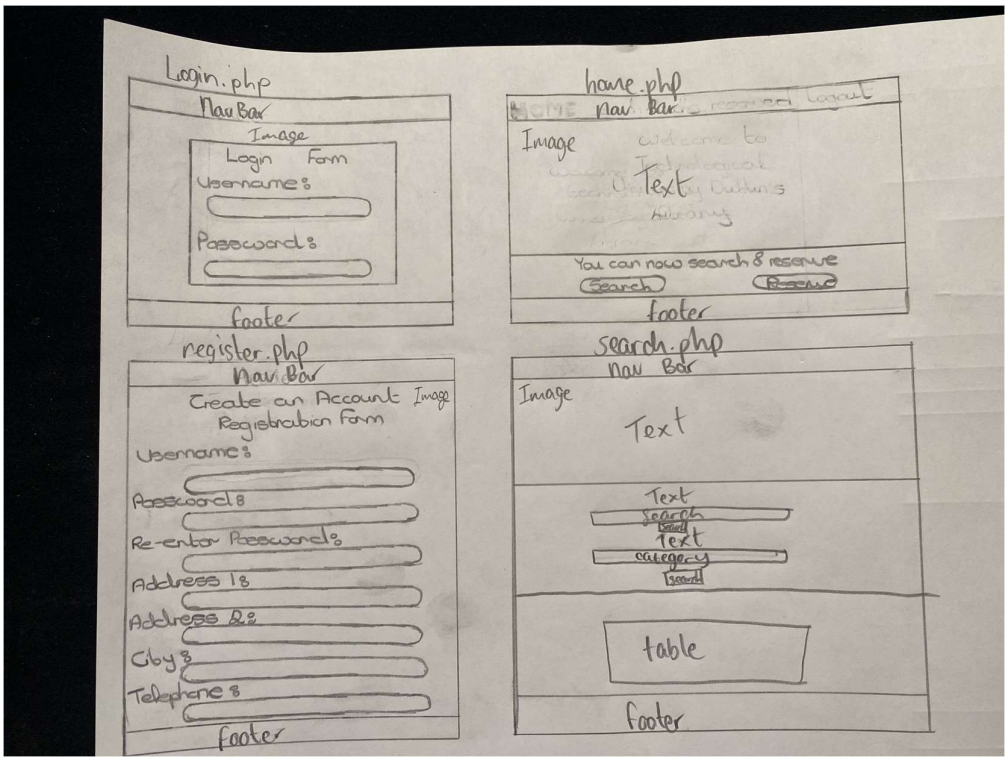
display.php

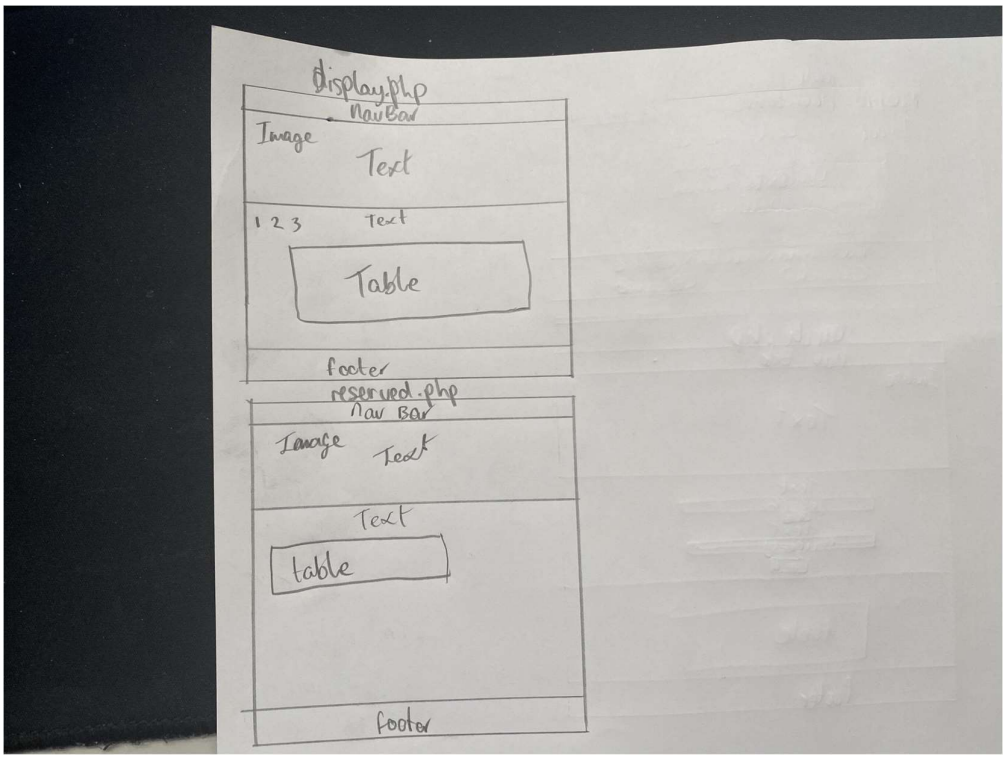


reserved.php



Prototypes For Web Pages





Source Code:

login.php

```
<!-- Library Website For Web Development 2 Assignment -->
<!-- Author: Ian Rainier Hipolito (C21436494, TU856/2) -->
<!-- Login Page For Library Website -->



<!DOCTYPE html>
<html>



<head>
    <title>Login</title>
    <link rel="stylesheet"
href="http://localhost/WebDev2Assign/css/stylesheet1.css">
    <meta name="viewport" content="width=device-width, initial-scale=1">
</head>



<body>
    <div class="header">
        <div class="container">
            <ul class="navbar">
                <li><a href="login.php" class="active">Login</a></li>
                <li><a href="register.php">Register</a></li>
            </ul>
        </div>
```

```
    </div>


    <div class="login">
        <form action="login.php" method="post">
            <h1>LOGIN FORM</h1>
            <?php
                if(isset ($_GET['error'])) { ?>
                    <p class="error"><?php echo $_GET['error']; ?></p>
                <?php } ?>
            <label>Username: </label>
            <input type="text" name="Username" placeholder="Username">
            <label>Password: </label>
            <input type="password" name="Password" placeholder="Password">
            <button type="submit">Login</button>
            <p class="reg">Don't Have An Account? Why Not <a
href="register.php">Register</a>!</p>
        </form>
    </div>


    <div class="footer">
        <div class="container">
            <p>Copyright. 2022 Ian Rainier Hipolito. All rights reserved.</p>
        </div>
    </div>


</body>


</html>
```

```php
<?php
    session_start();

    include "database.php";

    if(isset($_SESSION["Username"])){
        header("Location: home.php");
    }

    if(isset($_POST['Username']) && isset($_POST['Password'])){
        function validate($data){
            $data = trim($data);
            $data = stripslashes($data);
            $data = htmlspecialchars($data);
            return $data;
        }

        $Username = validate($_POST['Username']);
        $Password = validate($_POST['Password']);

        if(empty($Username)){
            header("Location: login.php?error=Must Input A Username!");
            return;
        }
        else if(empty($Password)){
            header("Location: login.php?error=Must Input A Password!");
```

```
            return;
        }
        else{
            $sql = "SELECT * FROM users WHERE Username='$Username' AND
Password='$Password'";
            $result = mysqli_query($conn, $sql);


            if(mysqli_num_rows($result) == 1){
                $row = mysqli_fetch_assoc($result);
                if($row['Username'] == $Username && $row['Password'] ==
$Password){
                    $_SESSION['Username'] = $row['Username'];
                    header("Location: home.php");
                }
            }
            else{
                header("Location: login.php?error=The Username Or Password Do
Not Match Or Are Incorrect Please Try Again!");
                return;
            }
        }
    }
?>
```

register.php

```
<!-- Library Website For Web Development 2 Assignment -->
<!-- Author: Ian Rainier Hipolito (C21436494, TU856/2) -->
<!-- Register Page For Library Website -->


<!DOCTYPE html>
<html>


<head>
    <title>Library</title>
    <link rel="stylesheet"
href="http://localhost/WebDev2Assign/css/stylesheet1.css">
    <meta name="viewport" content="width=device-width, initial-scale=1">
</head>


<body>
    <div class="header">
        <div class="container">
            <ul class="navbar">
                <li><a href="Login.php">Login</a></li>
                <li><a href="register.php" class="active">Register</a></li>
            </ul>
        </div>
```

```
    </div>


    <div class="register">
        <form action="register.php" method="post">
            <h1>Create An Account</h1>
            <h1>Registration Form</h1>
            <p>Please Fill Your Details In Below</p>
            <label>First Name: </label>
            <input type="text" name="FirstName" placeholder="First Name">
            <label>Surname: </label>
            <input type="text" name="Surname" placeholder="Surname">
            <label>Username: </label>
            <input type="text" name="Username" placeholder="Username">
            <label>Password: </label>
            <input type="password" name="Password" placeholder="Password">
            <label>Re-Enter Password: </label>
            <input type="password" name="ReEnterPassword" placeholder="Re-
Enter Password">
            <label>Address Line 1: </label>
            <input type="text" name="AddressLine1" placeholder="Address Line
1">
            <label>Address Line 2: </label>
            <input type="text" name="AddressLine2" placeholder="Address Line
2">
            <label>City: </label>
            <input type="text" name="City" placeholder="City">
            <label>Telephone No.: </label>
            <input type="text" name="TelephoneNo" placeholder="Telephone No.">
            <label>Mobile No.: </label>
            <input type="text" name="MobileNo" placeholder="Mobile No.">
            <button type="submit">Register</button>
        </form>
```

```
    </div>


    <div  class="footer">
        <div class="container">
            <p>Copyright. 2022 Ian Rainier Hipolito. All rights reserved.</p>
        </div>
    </div>


</body>
</html>


<?php
    session_start();


    include "database.php";


    if(isset($_SESSION["Username"])){
        header("Location: home.php");
    }


    if(isset($_REQUEST['Username'])){
        $FirstName = mysqli_real_escape_string($conn, $_REQUEST['FirstName']);
        $Surname = mysqli_real_escape_string($conn, $_REQUEST['Surname']);
        $Username = mysqli_real_escape_string($conn, $_REQUEST['Username']);
        $Password = mysqli_real_escape_string($conn, $_REQUEST['Password']);
        $ReEnterPassword = mysqli_real_escape_string($conn,
$_REQUEST['ReEnterPassword']);
```

```
        //Checks if password inputted is longer than 4 characters
        if(strlen($Password) < 6){
            echo "<div class='registererror'><p>Your password should be at
least 6 characters long.</p></br></div>";
            return;
        }


        //Checks if the 2 passwords inputted are the same
        if($Password != $ReEnterPassword){
            echo "<div class='registererror'><p>The Passwords You Have Entered
Do Not Match. Please Try Again.</p></br></div>";
            return;
        }


        $AddressLine1 =
mysqli_real_escape_string($conn,$_REQUEST["AddressLine1"]);
        $AddressLine2 =
mysqli_real_escape_string($conn,$_REQUEST["AddressLine2"]);
        $City = mysqli_real_escape_string($conn,$_REQUEST["City"]);
        $Telephone =
mysqli_real_escape_string($conn,$_REQUEST["TelephoneNo"]);
        $Mobile = mysqli_real_escape_string($conn,$_REQUEST["MobileNo"]);



        //Checks if telephone/mobile input is numeric and not a character
        if(!is_numeric($Telephone)){
            echo "<div class='registererror'><p>The Telephone Number You
Inputted Is Not Valid. Please Try Again.</p></br></div>";
            return;
        }
```

```
        if(!is_numeric($Mobile)){
            echo "<div class='registererror'><p>The Mobile Number You Inputted
Is Not Valid. Please Try Again.</p></br></div>";
            return;
        }

        //Checks if telephone/mobile numbers are 10 numbers long
        if(strlen($Telephone) != 10){
            echo "<div class='registererror'><p>Your Telephone number should
be 10 digits long.</p></br></div>";
            return;
        }
        if(strlen($Mobile) != 10){
            echo "<div class='registererror'><p>Your Mobile number should be
10 digits long.</p></br></div>";
            return;
        }

        $Query = "INSERT INTO users (Username, Password, FirstName, Surname,
Addressline1, AddressLine2, City, Telephone, Mobile)
        VALUES ('$Username', '$Password', '$FirstName',
'$Surname','$AddressLine1', '$AddressLine2', '$City', '$Telephone',
'$Mobile')";

        $Result = mysqli_query($conn, $Query);

        if($Result){
            echo "<div class='registered'><p>You have registered, please log
in.</p></br>Click here to <a href='login.php'>Login</a></div>";
        }
        else{
```

```
            echo "<div class='registererror'><p>The Username You Have Enter Is
Already Exists. Please Try Again.</p></br></div>";
        }
    }

?>
```

home.php

```
<!-- Library Website For Web Development 2 Assignment -->
<!-- Author: Ian Rainier Hipolito (C21436494, TU856/2) -->
<!-- Home Page For Library Website -->
<!DOCTYPE html>
<html>
<?php
    session_start();

    if(isset($_SESSION["Username"])){

    }
    else{
        header("Location: login.php");
    }
?>

<head>
    <title>Library</title>
    <link rel="stylesheet"
href="http://localhost/WebDev2Assign/css/stylesheet1.css">
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
</head>

<body>
    <div class="header">
        <div class="container">
            <ul class="navbar">
                <li><a href="home.php" class="active">Home</a></li>
                <li><a href="search.php">Search</a></li>
                <li><a href="display.php">Books</a></li>
                <li><a href="reserved.php">Reserved</a></li>
                <li><a href="logout.php">Logout</a></li>
            </ul>
        </div>
    </div>

    <div class="banner">
        <img class="mySlides" src="images/library3.jpg" alt="">
        <img class="mySlides" src="images/library.jpg" alt="">
        <img class="mySlides" src="images/library2.jpg" alt="">

        <div class="content">
            <h2>Welcome To</h2>
            <h2>Technological University Dublin's Library</h2>
        </div>
    </div>

    <div class="text">
        <h2>You Can Now Search And Reserve Books</h2>
    </div>
```

```
    <div class="container2">
        <div class="buttons">
            <a href="search.php" class="button button1">Search</a>
            <a href="reserved.php" class="button button1">My Books</a>
        </div>
    </div>


    <div  class="footer">
        <div class="container">
            <p>Copyright. 2022 Ian Rainier Hipolito. All rights reserved.</p>
        </div>
    </div>


    <script src="js/javascript1.js"></script>


</body>


</html>
```

search.php

```php
<?php
    session_start();


    include("database.php");


    if(isset($_SESSION["Username"])){


    }
    else{
        header("Location: login.php");
    }
?>


<!DOCTYPE html>
    <head>
        <title>Library</title>
        <link rel="stylesheet"
href="http://localhost/WebDev2Assign/css/stylesheet1.css">
        <meta name="viewport" content="width=device-width, initial-scale=1">
    </head>


    <body>
```

```
        <div class="header">
            <div class="container">
                <ul class="navbar">
                    <li><a href="home.php">Home</a></li>
                    <li><a href="Search.php" class="active">Search</a></li>
                    <li><a href="display.php">Books</a></li>
                    <li><a href="reserved.php">Reserved</a></li>
                    <li><a href="logout.php">Logout</a></li>
                </ul>
            </div>
        </div>


        <div class = "searchpagebg">
            <h1>Welcome To Technological University Dublin's Search Page</h1>
        </div>

        <div class="searchbody">
            <div class = "search1_body">
                <form class="BookAuthor" method="GET">
                    <p>Search by Book Title or Author Name</p>
                    <br><input class = "input1" type="text" name="Search"
required value="<?php if(isset($_GET['Search'])){echo $_GET['Search']; } ?>"
placeholder = "Search For A Book By Entering The Title or Author">
                    <input class="search" type="submit" value="Search">
                </form>
            </div>


            <div class = "search2_body">
                <form class = "CategorySearch" method = "POST">
                    <p>You Can Also Search By Category</p>
```

```
                    <select class = "input2" name = "search_one">
                    <option class = "input2" name = "search_two">PLEASE SELECT
A CATEGORY</option>
                            <option disables selected><- - - -CATEGORIES- - -
-></option>
                            <?php
                                include("database.php");


                                $Result = mysqli_query($conn, "SELECT * FROM
Categories");


                                while($Row = mysqli_fetch_array($Result)){
                                    echo "<option value
='".$Row['CategoryID']."'>".$Row['CategoryDescription']."</option>";
                                }
                            ?>
                    </select>
                    <br><input class = "search" type = "submit" name =
"Search" value = "Search">
                </form>
            </div>
        </div>


        <div  class="footer">
            <div class="container">
                <p>Copyright. 2022 Ian Rainier Hipolito. All rights
reserved.</p>
            </div>
        </div>


    <div class = "view">
```

```
        <div class = "viewResults1">
            <?php

                if(isset($_GET['Search'])){
                    $filtervalues = $_GET['Search'];
                    $query = "SELECT * FROM books WHERE
CONCAT(BookTitle,Author) LIKE '%$filtervalues%' ";
                    $data = mysqli_query($conn, $query);

                        if(mysqli_num_rows($data) > 0){
                            echo "<table class='tablesearch' border='3'>";
                            echo
"<tr><th>ISBN</th><th>BookTitle</th><th>Author</th><th>Edition</th><th>Year</t
h><th>CategoryID</th><th>Reserved</th><th>Reserve</th></tr>";

                            while($Row = mysqli_fetch_assoc($data)){
                                echo "<tr><td>";
                                echo (htmlentities($Row["ISBN"]));
                                echo ("</td><td>");
                                echo (htmlentities($Row["BookTitle"]));
                                echo ("</td><td>");
                                echo (htmlentities($Row["Author"]));
                                echo ("</td><td>\n");
                                echo (htmlentities($Row["Edition"]));
                                echo ("</td><td>\n");
                                echo (htmlentities($Row["Year"]));
                                echo ("</td><td>\n");
                                echo (htmlentities($Row["CategoryID"]));
                                echo ("</td><td>\n");
                                echo (htmlentities($Row["Reserve"]));
                                echo ("</td><td>\n");
```

```
                                if(htmlentities ($Row["Reserve"]) == 'N'){
                                    echo ('<a
href="reserve.php?id='.htmlentities($Row['ISBN']).'">Reserve</a>');
                                }
                                echo ("</td><td>\n");
                                echo ("</td><tr>\n");
                            }

                        }
                    }
            ?>
        </div>


        <div class = "viewResults1">
            <?php
                unset($_SESSION['search_one']);


                include("database.php");

                if(isset($_POST['search_one'])){
                    $Title1 = $_POST['search_one'];

                    $sql = "SELECT * FROM books WHERE CategoryID = '$Title1'";

                    $Result = $conn->query($sql);
                    $Count = mysqli_num_rows($Result);

                    if($Result->num_rows>0){
                        echo "<table class='tablesearch' border='3'>";
```

```
                        echo
"<tr><th>ISBN</th><th>BookTitle</th><th>Author</th><th>Edition</th><th>Year</t
h><th>CategoryID</th><th>Reserved</th><th>Reserve</th></tr>";


                        while($Row = $Result->fetch_assoc()){
                        echo "<tr><td>";
                        echo (htmlentities($Row["ISBN"]));
                        echo ("</td><td>");
                        echo (htmlentities($Row["BookTitle"]));
                        echo ("</td><td>");
                        echo (htmlentities($Row["Author"]));
                        echo ("</td><td>\n");
                        echo (htmlentities($Row["Edition"]));
                        echo ("</td><td>\n");
                        echo (htmlentities($Row["Year"]));
                        echo ("</td><td>\n");
                        echo (htmlentities($Row["CategoryID"]));
                        echo ("</td><td>\n");
                        echo (htmlentities($Row["Reserve"]));
                        echo ("</td><td>\n");
                        if(htmlentities ($Row["Reserve"]) == 'N'){
                            echo ('<a
href="reserve.php?id='.htmlentities($Row['ISBN']).'">Reserve</a>');
                        }
                        echo ("</td><td>\n");
                        echo ("</td><tr>\n");
                    }
                }
            }
        ?>
        </div>
    </div>
```

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

reserve.php

```
<!-- Library Website For Web Development 2 Assignment -->
<!-- Author: Ian Rainier Hipolito (C21436494, TU856/2) -->
<!-- Reserve Books Page For Library Website -->


<?php
    session_start();


    include("database.php");

    $id = mysqli_real_escape_string($conn, $_GET['id']);
    $userName = $_SESSION['Username'];
    $date = date("Y/m/d");


    $query2 = "INSERT INTO reservations VALUES ('$id', '$userName', '$date')";
    $query1 = "UPDATE books SET Reserve ='Y' WHERE ISBN = '$id'";

    mysqli_query($conn, $query1);
    mysqli_query($conn, $query2);
```

```
    mysqli_close($conn);


    echo "$id Is Now Reserved On Your Account</br>";
    echo "To View Your Reserved Books Click<a href='reserved.php'>here!</a>";

?>
```

reserved.php

```
<!-- Library Website For Web Development 2 Assignment -->
<!-- Author: Ian Rainier Hipolito (C21436494, TU856/2) -->
<!-- View Reserved Books Page For Library Website -->
<!DOCTYPE html>
<html>
<?php
    session_start();


    if(isset($_SESSION["Username"])){


    }
    else{
        header("Location: login.php");
    }
?>


<head>
    <title>Library</title>
    <link rel="stylesheet"
href="http://localhost/WebDev2Assign/css/stylesheet1.css">
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
</head>


<body>
    <div class="header">
        <div class="container">
            <ul class="navbar">
                <li><a href="home.php">Home</a></li>
                <li><a href="search.php">Search</a></li>
                <li><a href="display.php">Books</a></li>
                <li><a href="reserved.php" class="active">Reserved</a></li>
                <li><a href="logout.php">Logout</a></li>
            </ul>
        </div>
    </div>


    <div class = "reservedpagebg">
        <h1>Welcome To The Reservations Page</h1>
    </div>


    <div class = "reservedpage">
        <p>Here You Can View The Books You Have Reserved And You Can Unreserve
Them If You Wish</p>
        <table class="reservedtable">
            <thead>
                <tr>
                    <th>Username</th>
                    <th>Date</th>
                    <th>ISBN</th>
                    <th>BookTitle</th>
                    <th>Unreserve</th>
```

```
                </tr>
            </thead>
                <?php
                    include("database.php");


                    $username = $_SESSION['Username'];
                    $query = "SELECT books.ISBN, books.BookTitle,
reservations.ReservedDate, reservations.Username FROM reservations NATURAL
JOIN books WHERE reservations.Username ='".$username."'";
                    $Results = mysqli_query($conn, $query);


                    if($Results && mysqli_num_rows($Results)>0)
                    {
                        while($Row = mysqli_fetch_array($Results, MYSQLI_BOTH)){
                            echo "<tr><td>";
                            echo(htmlentities($Row[3]));
                            echo("</td><td>");
                            echo(htmlentities($Row[2]));
                            echo("</td><td>");
                            echo(htmlentities($Row[0]));
                            echo("</td><td>\n");
                            echo(htmlentities($Row[1]));
                            echo("</td><td>\n");
                            echo('<a
href="unreserve.php?id='.htmlentities($Row[0]).'">Unreserve</a>');
                            echo("</td></tr>\n");
                        }
                    }
                ?>
            </table>
        </div>
```

```
    <div  class="footer">
        <div class="container">
            <p>Copyright. 2022 Ian Rainier Hipolito. All rights reserved.</p>
        </div>
    </div>
</body>
</html>
```

unreserve.php

```
<!-- Library Website For Web Development 2 Assignment -->
<!-- Author: Ian Rainier Hipolito (C21436494, TU856/2) -->
<!-- Unreserve For Library Website -->


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


    if ( isset($_POST['delete']) && isset($_POST['id']) ) {
        $id = mysqli_real_escape_string($conn, $_POST['id']);
        $sql = "DELETE FROM reservations WHERE ISBN = '$id'";
        $sql2 = "UPDATE books SET Reserve = 'N' WHERE ISBN = '$id'";


        mysqli_query($conn, $sql);
        mysqli_query($conn, $sql2);
        echo "Reservation Succesfully Unreserved<br>";
        echo 'Please Continue Back To The Reservations Page- <a
href="reserved.php">Continue...</a>';
        return;
    }
```

```
    $id = mysqli_real_escape_string($conn, $_GET['id']);
    $Results = mysqli_query($conn, "SELECT reservations.ISBN,
reservations.Username, books.BookTitle FROM reservations NATURAL JOIN books
WHERE ISBN ='$id'");
    $Row = mysqli_fetch_row($Results);


    echo('Please Confirm That You Want To Make An Unreservation For:' .
$Row[0] . $Row[2] . '\n');
    echo('<form method="post"><input type="hidden" ');
    echo('name="id" value="'.htmlentities($Row[0]).'">'."\n");
    echo('<input type="submit" value="Unreserve" name="delete">');
    echo('<a href="home.php">Cancel</a>');
    echo("\n</form>\n");
?>
```

display.php

```
<!-- Library Website For Web Development 2 Assignment -->
<!-- Author: Ian Rainier Hipolito (C21436494, TU856/2) -->
<!-- Books Display Page For Library Website -->
<!DOCTYPE html>
<html>
<?php
    session_start();


    if(isset($_SESSION["Username"])){


    }
    else{
        header("Location: login.php");
    }
?>


<head>
    <title>Library</title>
    <link rel="stylesheet"
href="http://localhost/WebDev2Assign/css/stylesheet1.css">
```

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

<body>
    <div class="header">
        <div class="container">
            <ul class="navbar">
                <li><a href="home.php">Home</a></li>
                <li><a href="search.php">Search</a></li>
                <li><a href="display.php" class="active">Books</a></li>
                <li><a href="reserved.php">Reserved</a></li>
                <li><a href="logout.php">Logout</a></li>
            </ul>
        </div>
    </div>

    <div class = "displaypagebg">
        <h1>Welcome To The Books Display Page</h1>
    </div>

    <div class = "displaypage">

        <?php
            include("database.php");

            $ResultsPerPage = 5;

            $Result = mysqli_query($conn, "SELECT * FROM books");
```

```
            $NumberOfPages = mysqli_num_rows($Result);


            $NumberOfPages = ceil($NumberOfPages/$ResultsPerPage);


            if(!isset($_GET['page'])){
                $page = 1;
            }
            else{
                $page = $_GET['page'];
            }

            $FirstPageResults = ($page - 1) * $ResultsPerPage;


            $Result = mysqli_query($conn, "SELECT * FROM books LIMIT " .
$FirstPageResults . ',' . $ResultsPerPage);



            echo "<div class ='displayresults'><h1>Here Is A List Of All The
Books</h1></div>";
            echo "<table ' border='3'>";
            echo
"<tr><th>ISBN</th><th>BookTitle</th><th>Author</th><th>Edition</th><th>Year</t
h><th>CategoryID</th><th>Reserved</th><th>Reserve</th></tr>";


            while($Row = mysqli_fetch_array($Result)){
                echo "<tr><td>";
                echo (htmlentities($Row["ISBN"]));
                echo ("</td><td>");
```

```
                echo (htmlentities($Row["BookTitle"]));
                echo ("</td><td>");
                echo (htmlentities($Row["Author"]));
                echo ("</td><td>\n");
                echo (htmlentities($Row["Edition"]));
                echo ("</td><td>\n");
                echo (htmlentities($Row["Year"]));
                echo ("</td><td>\n");
                echo (htmlentities($Row["CategoryID"]));
                echo ("</td><td>\n");
                echo (htmlentities($Row["Reserve"]));
                echo ("</td><td>\n");

                if(htmlentities ($Row["Reserve"]) == 'N'){
                    echo ('<a
href="reserve.php?id='.htmlentities($Row['ISBN']).'">Reserve</a>');
                }
                echo ("</td><td>\n");
                echo ("</td><tr>\n");
            }

            for($page = 1; $page <= $NumberOfPages; $page++){
                echo '<a class="pagenum" href="display.php?page=' . $page .
'">' . $page . '</a>';
            }
        ?>
    </div>

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

```
            <p>Copyright. 2022 Ian Rainier Hipolito. All rights reserved.</p>
        </div>
    </div>
</body>
</html>
```

logout.php

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

database.php

```
<?php
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "assignment";

    // Create connection
    $conn = new mysqli($servername, $username, $password, $dbname);

    // Check connection
    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
```

```
    }
?>
```

javascript1.js

```
/* image carousel */
var myIndex = 0;
carousel();

function carousel() {
    var i;
    var x = document.getElementsByClassName("mySlides");
    for (i = 0; i < x.length; i++) {
        x[i].style.display = "none";
    }
    myIndex++;
    if (myIndex > x.length) { myIndex = 1 }
    x[myIndex - 1].style.display = "block";
    setTimeout(carousel, 2000);
}
```

stylesheet1.css

```css
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

/* navbar */
.header {
    background-color: #f9004d;
    overflow: hidden;
}

.navbar{
    text-align: center;
    padding: 20px 0;
    margin: 0;
    list-style-type: none;
}
```

```css
.navbar a:hover{
    background-color: #000;
    color: white;
}

.navbar a.active{
    background-color: #000;
    color: white;
}


.navbar li{
    margin-right: 50px;
    font-weight: 1000;
    display: inline;
    font-size: 20px;
    text-transform: uppercase;
    color: #f9004d;
}


.navbar li a{
    color: #000;
    text-decoration: none;
    font-family: monospace;
}


/* footer */
.footer{
    background-color: #f9004d;
    padding: 20px 0;
```

```
    color: #000;
    position: sticky;
    top: 100%;
}

.footer p{
    font-size: 12px;
    text-align: center;
    font-family: monospace;
}

/* Background */
.banner{
    position: relative;
    width: 100%;
    height: 885px;
    display: flex;
    justify-content: center;
    align-items: center;
}

.banner img{
    position: absolute;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    object-fit: cover;
}
```

```css
.banner .content{
    position: relative;
    max-width: 750px;
    text-align: center;
    font-family: monospace;
}

.banner .content h2{
    color: #f9004d;
    font-size: 60px;
}

/* Text For Home Page */
.text{
    text-align: center;
    font-family: monospace;
    background-color: black;
    color: white;
    padding-top: 20px;
    padding-bottom: 20px;
}

/* Buttons For Home Page*/
.container2{
    height: 100%;
    align-items: center;
    justify-content: center;
    display: flex;
```

```
    background: #000;
}

.buttons{
    flex-direction: row;
    display: flex;
}

.button{
    padding: 20px 50px;
    text-decoration: none;
    font-size: 20px;
    font-family: monospace;
    position: relative;
    margin: 25px;
}

.button1{
    background: #f9004d;
    border-radius: 30px;
    transition: transform 0.3s ease;
    color: white;
}

.button1::after, .button1::before{
    content: "";
    background: #f9004d;
    width: 100%;
    height: 100%;
```

```
    left: 0;
    right: 0;
    position: absolute;
    opacity: 0.3;
    border-radius: inherit;
    z-index: -1;
    transition: transform 0.3s ease;
}

.button1:hover{
    transform: translate(-30px, -30px);
}

.button1:hover:after{
    transform: translate(12px, 12px);
}

.button1:hover:before{
    transform: translate(12px, 12px);
}

/* Login For Login Page*/
.login{
    background-image: url("../images/login.jpg");
    background-size: cover;
    background-position: center;
    display: flex;
    align-items: center;
    justify-content: center;
```

```
    height: 645px;
    font-family: monospace;
    box-sizing: border-box;
}

.login form{
    width: 500px;
    border: 2px solid #f9004d;
    padding: 30px;
    background: white;
}

.login h1{
    margin-bottom: 40px;
    text-align: center;
    text-decoration: underline;
}

.login input{
    width: 90%;
    padding: 10px;
    display: block;
    border: 2px solid grey;
    margin: 10px auto;
    border-radius: 5px;
}

.login label{
    font-size: 15px;
```

```
    color: black;
    padding: 10px;
    text-transform: uppercase;
}

.login button{
    background: #f9004d;
    color: black;
    margin-left: 190px;
    padding: 10px 10px;
    border-radius: 5px;
    border: none;
    text-transform: uppercase;
}

.login button:hover{
    opacity: 0.5;
}

.login .reg{
    text-align: center;
    font-family: monospace;
    font-size: 15px;
    margin-top: 10px;
}

.login .error{
    margin: 20px auto;
    background: #f9004d;
```

```
    color: white;
    padding: 10px;
    width: 95%;
    border-radius: 5px;
}

/* Registration Form */
.register{
    background-image: url("../images/register.jpg");
    background-size: cover;
    background-position: center;
    display: flex;
    align-items: center;
    justify-content: center;
    height: 645px;
    font-family: monospace;
    box-sizing: border-box;
    padding-top: 500px;
    padding-bottom: 500px;
}

.register form{
    width: 500px;
    border: 2px solid #f9004d;
    padding: 30px;
    background: white;
}

.register h1{
```

```
    margin-bottom: 10px;
    text-align: center;
    text-decoration: underline;
}

.register p{
    text-align: center;
    padding-bottom: 10px;
}

.register input{
    width: 90%;
    padding: 10px;
    display: block;
    border: 2px solid grey;
    margin: 10px auto;
    border-radius: 5px;
}

.register label{
    font-size: 15px;
    color: black;
    padding: 10px;
    text-transform: uppercase;
}

.register button{
    background: #f9004d;
    color: black;
```

```
    margin-left: 170px;
    padding: 10px 10px;
    border-radius: 5px;
    border: none;
    text-transform: uppercase;
}

.register button:hover{
    opacity: 0.5;
}

.registererror{
    background-color: white;
    color: white;
    text-align: center;
    padding-bottom: 50px;
    text-transform: uppercase;
    font-size: 20px;
}

.registererror p{
    margin: 20px auto;
    background: #f9004d;
    color: white;
    padding: 10px;
    width: 95%;
    border-radius: 5px;
}
```

```css
.registered{
    background-color: #000;
    color: white;
    text-align: center;
    padding-bottom: 50px;
    padding-top: 50px;
    text-transform: uppercase;
    font-size: 20px;
}


.registered p{
    margin: 20px auto;
    background: rgb(33, 125, 24);
    color: white;
    padding: 10px;
    width: 95%;
    border-radius: 5px;
}


/* Search Bar */
.searchpagebg{
    background-image: url("../images/search.jpg");
    background-size: cover;
    background-position: center;
    display: flex;
    align-items: center;
    justify-content: center;
    height: 300px;
    box-sizing: border-box;
    padding-bottom: 440px;
```

```
}


.searchpagebg h1{
    font-family: monospace;
    font-size: 50px;
    color: black;
    text-transform: uppercase;
    text-align: center;
    top: 40%;
    position: absolute;
    left: 50%;
    transform: translate(-50%, -50%);
    letter-spacing: 2px;
    -webkit-text-fill-color: white;
    -webkit-text-stroke-width: 2px;
}


.heading h3{
    color: white;
    background-color: black;
    padding-top: 20px;
    text-align: center;
    font-family: monospace;
    font-size: 30px;
}

.searchbody{
    background-color: black;
}
```

```css
.searchbody p{
    text-align: center;
    font-family: monospace;
    color: white;
    font-size: 25px;
    text-transform: uppercase;
}

.search1_body .input1{
    margin-left: 34%;
    padding: 10px 20px;
    margin-bottom: 10px;
    width: 500px;
}

.search1_body .search{
    margin-left: 48%;
    cursor: pointer;
    width: 60px;
    height: 35px;
    background-color: #f9004d;
    font-family: monospace;
    text-transform: uppercase;
    margin-bottom: 10px;
}

::placeholder{
    text-align: center;
```

```
    color: black;
    text-transform: uppercase;
}

.search2_body p{
    font-family: monospace;
    color: white;
    font-size: 20px;
    text-transform: uppercase;
    text-align: center;
    padding-bottom: 10px;
}

.search2_body .input2{
    margin-left: 34%;
    padding: 10px 20px;
    margin-bottom: 10px;
    width: 500px;
}

.search2_body .search{
    margin-left: 48%;
    cursor: pointer;
    width: 60px;
    height: 35px;
    background-color: #f9004d;
    font-family: monospace;
    text-transform: uppercase;
}
```

```css
.search2_body option{
    text-align: center;
    font-family: monospace;
    text-transform: uppercase;
}

/* Tables */
.view{
    background-color: white;
}

.viewResults1{
    margin-left: 30%;
    padding-bottom: 100px;
    color: black;
    width: 800px;
    text-align: center;
    font-family: monospace ;
    text-transform: uppercase;
}

.resultstext h1{
    padding-right: 175px;
    padding-bottom: 20px;
    text-decoration: underline;
}
```

```css
/* Reserved Page */
.reservedpagebg{
    background-image: url("../images/reserve.jpg");
    background-size: cover;
    background-position: center;
    display: flex;
    align-items: center;
    justify-content: center;
    height: 300px;
    box-sizing: border-box;
    padding-bottom: 440px;
}


.reservedpagebg h1{
    font-family: monospace;
    font-size: 50px;
    color: black;
    text-transform: uppercase;
    text-align: center;
    top: 40%;
    position: absolute;
    left: 50%;
    transform: translate(-50%, -50%);
    letter-spacing: 2px;
    -webkit-text-fill-color: white;
    -webkit-text-stroke-width: 2px;
}


.reservedpage{
    background-color: black;
```

```
    font-family: monospace;
    text-align: center;
    text-decoration: none;
    text-transform: uppercase;
    height: 500px;
    color: white;
}

.reservedpage p{
    font-size: 30px;
}

.reservedtable{
    font-size: 20px;
    margin-left: 100px;
}

.reservedtable th{
    padding: 10px 20px;
    margin-left: 10px;
}

table, th, td {
    border: 1px solid white;
 }

/* Display Page */
.displaypagebg{
```

```
    background-image: url("../images/display.jfif");
    background-size: cover;
    background-position: center;
    display: flex;
    align-items: center;
    justify-content: center;
    height: 300px;
    box-sizing: border-box;
    padding-bottom: 440px;
}


.displaypagebg h1{
    font-family: monospace;
    font-size: 50px;
    color: black;
    text-transform: uppercase;
    text-align: center;
    top: 40%;
    position: absolute;
    left: 50%;
    transform: translate(-50%, -50%);
    letter-spacing: 2px;
    -webkit-text-fill-color: white;
    -webkit-text-stroke-width: 2px;
}


.displaypage{
    min-height: 500px       ;
    background-color: black;
}
```

```css
.displayresults h1{
    text-align: center;
    text-transform: uppercase;
    text-decoration: underline;
    font-family: monospace;
    color: white;
    padding-bottom: 40px;
}

.pagenum {
    padding: 10px 20px;
    border-radius: 10%;
    background-color: #f9004d;
    margin-bottom: 40px;
    align-items: center;
    align-self: center;
    font-family: monospace;
    text-decoration: none;
    color: black;
    font-size: 15px;
    margin: 10px 10px;
}

.displaypage table{
    color: white;
    margin-left: 26%;
    font-family: monospace;
    font-size: 15px;
```

}