

# Web Development 2 C.A. Assignment

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## PHP Pages:

- database.php – This file is used to establish a connection to the database on “myphpadmin”. It’s included in every other php file I used.
- register.php – allows for users to register an account by posting data to the table called “users” where it is all saved. The page has validation requiring the user to input data in a certain way and that nothing is missing.
- login.php – once the user’s registered an account on the website, they are then taken to the login page. They can then login using the username and password they used to register. The file uses an SQL statement to ensure that that username and password matches with the one saved to the table.
- index.php – after you log in, you are then taken to the index page. A session is then created which stores the user’s data that can be used across multiple pages. From the index page, you can access other pages using the navigation bar at the top of the page.
- search.php – on this page, user can fetch data from the table “books” by searching for the name of the book/author. Partial search works for these fields meaning you do not have to search for the full name to find what you’re looking for. You can also search by category of books using a drop-down list. Once you’ve fetched the record/book you’re looking for, you have the option to reserve the book by clicking on “Reserve”.
- reserve.php – when the reserve link is clicked on, the ISBN of the book gets passed to this page. The page runs a query and inserts the ISBN and the user’s name into the table, “reservations”. The date of when the user made the reservation is also inserted into the table. The “users” table gets updated as “ReservedStatus” field changes from “N” to “Y” meaning it’s reserved.
- view.php – once the reservation is made, the user is brought to the view page, whereby they can see all the reservations that they have made. Each record will also have the option of the to cancel the reservation by clicking on the “Remove” link.
- delete.php – when the remove link is clicked on, the data that was inserted from when the user clicked on “reserve”, is deleted from the “reservations” table. The user’s table gets updated as “ReservedStatus” field changes from “Y” to “N” meaning it’s reserved.

- logout.php – when the user clicks on this page, the session terminates, and the user is then logged out and brought back to log in page. As the php pages uses sessions to store the user's data, the login page cannot be bypassed meaning a user can't access any of the pages without logging in first.

## Source Code:

- database.php

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

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

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

?>
```

- register.php

```
<?php
session_start();

include("database.php");

if($_SERVER['REQUEST_METHOD'] == "POST")
{
    //something was posted
    $username = $_POST['Username'];
    $password = $_POST['Password'];
    $firstname = $_POST['Firstname'];
    $lastname = $_POST['Lastname'];
    $address = $_POST['Address'];
    $city = $_POST['City'];
    $mobile = $_POST['Mobile'];
    $cpassword = $_POST['CPassword'];
}
```

```
$duplicate=mysqli_query($conn,"select * from users where
Username='$username'");

if (mysqli_num_rows($duplicate)>0) {
    $_SESSION["ERROR"]="Username already exists";
}

else if ($password != $cpassword) {
    $_SESSION["ERROR"]="Passwords don't Match";
}

else if (strlen($_POST['Password']) < 6) {
    $_SESSION["ERROR"]="Password has to be atleast 6 characters";
}

else if(strlen($_POST['Mobile']) != 10) {
    $_SESSION["ERROR"]="Enter 10 digits for Mobile Number";
}

else if(empty($username)){
    $_SESSION["ERROR"]="Missing Fields";
}

else if(empty($password)){
    $_SESSION["ERROR"]="Missing Fields";
}

else if(empty($firstname)){
    $_SESSION["ERROR"]="Missing Fields";
}

else if(empty($lastname)){
    $_SESSION["ERROR"]="Missing Fields";
}

else if(empty($address)){
    $_SESSION["ERROR"]="Missing Fields";
}

else if(empty($city)){
    $_SESSION["ERROR"]="Missing Fields";
}

else if(empty($mobile)){
    $_SESSION["ERROR"]="Missing Fields";
}
```

```

        else if(!empty($username) && !empty($password) && !empty($firstname)
&& !empty($lastname) && !empty($address) && !empty($city) && !empty($mobile))
        {

            //save to database
            $query = "insert into users
(Username,Password,Firstname,Lastname,Address,City,Mobile) values
('$username','$password','$firstname','$lastname','$address','$city','$mobile'
)";

            mysqli_query($conn, $query);

            $_SESSION["Success"]="Logged In";
            header("Location: login.php");
            die;
        }
    }
?>

<!DOCTYPE html>

<html>
    <head>
        <meta charset="UTF-8"/>
        <link
href="https://fonts.googleapis.com/css2?family=DynaPuff&display=swap"
rel="stylesheet">
        <link rel="stylesheet" href="Assets/CSS/stylingsheet.css?v=<?php echo
time(); ?>">
        <script src="https://kit.fontawesome.com/a54d2cbf95.js"></script>
        <script src="Assets/Scripts/burger.js" defer></script>
        <script src="Assets/Scripts/scroll.js" defer></script>
        <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
        <title>Library</title>
        <meta name="viewport" content="width=device-width, initial-
scale=1.0"/>
    </head>

    <body>

        <nav class="navbar">
            <div class="logo">Library</div>
            <a href="#" class="burgerButton">
                <span class="bar"></span>
                <span class="bar"></span>
                <span class="bar"></span>
            </a>
        </nav>
    </body>
</html>

```

```

        </a>
        <div class="navbarLinks">
            <ul>
                <li><a href="login.php ">Log in</a></li>
                <li><a href="register.php">Sign up</a></li>
            </ul>
        </div>
    </nav>

    <section class="backgroundPhoto">

        <?php
            if(isset($_SESSION["ERROR"])){
                echo('<div
class="textcard">'. $_SESSION["ERROR"]. '</div>');
                unset($_SESSION["ERROR"]);
            }
        ?>

        <div id="box2">

            <form method="post">
                <div style="font-size: 40px; margin: 10px; color: white;
text-align: center;">Sign up</div>

                <label for="Username">Username</label>
                <input id="text" type="text" name="Username"><br><br>
                <label for="Password">Password</label>
                <input id="text" type="password" name="Password"><br><br>
                <label for="Password">Confirm Password</label>
                <input id="text" type="password" name="CPassword"><br><br>
                <label for="Firstname">First Name</label>
                <input id="text" type="text" name="Firstname"><br><br>
                <label for="Lastname">Last Name</label>
                <input id="text" type="text" name="Lastname"><br><br>
                <label for="Address">Address</label>
                <input id="text" type="text" name="Address"><br><br>
                <label for="City">City</label>
                <input id="text" type="text" name="City"><br><br>
                <label for="Mobile">Mobile Number</label>
                <input id="text" type="number" name="Mobile"><br><br>

                <input id="button" type="submit" value="Sign up"><br><br>

                <a href="login.php">Click to Login</a><br><br>
            </form>
        </div>

```

```

</section>

<footer>
    <div class="footer-content">

        <p>Follow us on our socials!</p>
        <ul class="socials">
            <li><a href="#"><i class="fa fa-facebook"></i></a></li>
            <li><a href="#"><i class="fa fa-twitter"></i></a></li>
            <li><a href="#"><i class="fa fa-google-plus"></i></a></li>
            <li><a href="#"><i class="fa fa-youtube"></i></a></li>
            <li><a href="#"><i class="fa fa-linkedin-
square"></i></a></li>
        </ul>

        <p>Copyright &copy;2022 Library Website. Designed by
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    </div>

    <a href="#" class="to-top">
        <i class="fas fa-chevron-up"></i>
    </a>

</footer>
</body>
</html>

```

- login.php

```

<?php
    session_start();
    unset($_SESSION["Username"]);
    include("database.php");
    if ( isset($_POST['Username']) && isset($_POST['Password'])) {
        $password = $_POST['Password'];
        $username = $_POST['Username'];

        $sql="SELECT * FROM users WHERE Username='$username' AND
Password='$password'";

        $result=mysqli_query($conn,$sql);
        $row=mysqli_fetch_array($result,MYSQLI_ASSOC);
        $count=mysqli_num_rows($result);

        if($count==1){
            $_SESSION["Username"]=$_POST["Username"];

```

```

        $_SESSION["Success"]="Logged In";
        header('Location: index.php');
        return;
    }
    else{
        $_SESSION["ERROR"]="Incorrect Password or Username";
        header('Location: login.php');
        return;
    }
}
?>

<!DOCTYPE html>

<html>
    <head>
        <meta charset="UTF-8"/>
        <link
href="https://fonts.googleapis.com/css2?family=DynaPuff&display=swap"
rel="stylesheet">
        <link rel="stylesheet" href="Assets/CSS/stylingsheet.css?v=<?php echo
time(); ?>">
        <script src="https://kit.fontawesome.com/a54d2cbf95.js"></script>
        <script src="Assets/Scripts/burger.js" defer></script>
        <script src="Assets/Scripts/scroll.js" defer></script>
        <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
        <title>Library</title>
        <meta name="viewport" content="width=device-width, initial-
scale=1.0"/>
    </head>

    <body>

        <nav class="navbar">
            <div class="logo">Library</div>
            <a href="#" class="burgerButton">
                <span class="bar"></span>
                <span class="bar"></span>
                <span class="bar"></span>
            </a>
            <div class="navbarLinks">
                <ul>
                    <li><a href="login.php ">Log in</a></li>
                    <li><a href="register.php">Sign up</a></li>
                </ul>
            </div>
        </nav>

```

```

<section class="backgroundPhoto">

    <?php
        if(isset($_SESSION["ERROR"])){
            echo('<div
class="textcard">'. $_SESSION["ERROR"]. '</div>');
            unset($_SESSION["ERROR"]);
        }
    ?>

    <div id="box1">

        <form method="post">
            <div style="font-size: 40px; margin: 10px; color: white;
text-align: center;">Log in</div>

            <label for="Username">Username</label>
            <input id="text" type="text" name="Username"><br><br>
            <label for="Password">Password</label>
            <input id="text" type="password" name="Password"><br><br>

            <input id="button" type="submit" value="Log in"><br><br>

            <a href="register.php">Click to Sign up</a><br><br>
        </form>

    </div>

</section>

<footer>
    <div class="footer-content">

        <p>Follow us on our socials!</p>
        <ul class="socials">
            <li><a href="#"><i class="fa fa-facebook"></i></a></li>
            <li><a href="#"><i class="fa fa-twitter"></i></a></li>
            <li><a href="#"><i class="fa fa-google-plus"></i></a></li>
            <li><a href="#"><i class="fa fa-youtube"></i></a></li>
            <li><a href="#"><i class="fa fa-linkedin-
square"></i></a></li>
        </ul>

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```



```

        </div>

        <a href="#" class="to-top">
            <i class="fas fa-chevron-up"></i>
        </a>

    </footer>
</body>
</html>

```

- index.php

```

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

?>

<!DOCTYPE html>

<html>
    <head>
        <meta charset="UTF-8"/>
        <link
href="https://fonts.googleapis.com/css2?family=DynaPuff&display=swap"
rel="stylesheet">
        <link rel="stylesheet" href="Assets/CSS/stylingsheet.css?v=<?php echo
time(); ?>">
        <script src="https://kit.fontawesome.com/a54d2cbf95.js"></script>
        <script src="Assets/Scripts/burger.js" defer></script>
        <script src="Assets/Scripts/scroll.js" defer></script>
        <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
        <title>Library</title>
        <meta name="viewport" content="width=device-width, initial-
scale=1.0"/>
    </head>

    <body>

        <nav class="navbar">
            <div class="logo">Library</div>
            <a href="#" class="burgerButton">
                <span class="bar"></span>
                <span class="bar"></span>
                <span class="bar"></span>
            </a>

```

```

        <div class="navbarLinks">
            <ul>
                <li><a href="index.php ">Home</a></li>
                <li><a href="search.php">Search</a></li>
                <li><a href="view.php">View your Books</a></li>
                <li><a href="logout.php">Log out</a></li>
            </ul>
        </div>
    </nav>

<?php
    if ( ! isset($_SESSION["Username"]))
    {

        header( 'Location: login.php' ) ;

    }

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

        echo('<div class="textcard2">'. 'Welcome, '
.$_SESSION["Username"]. '!' .'

```

```

        </div>

        <a href="#" class="to-top">
            <i class="fas fa-chevron-up"></i>
        </a>

    </footer>
</body>
</html>

```

- search.php

```

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

?>

<!DOCTYPE html>

<html>
    <head>
        <meta charset="UTF-8"/>
        <link
href="https://fonts.googleapis.com/css2?family=DynaPuff&display=swap"
rel="stylesheet">
        <link rel="stylesheet" href="Assets/CSS/stylingsheet.css?v=<?php echo
time(); ?>">
        <script src="https://kit.fontawesome.com/a54d2cbf95.js"></script>
        <script src="Assets/Scripts/burger.js" defer></script>
        <script src="Assets/Scripts/scroll.js" defer></script>
        <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
        <title>Library</title>
        <meta name="viewport" content="width=device-width, initial-
scale=1.0"/>
    </head>

    <body>

        <nav class="navbar">
            <div class="logo">Library</div>
            <a href="#" class="burgerButton">
                <span class="bar"></span>
                <span class="bar"></span>
                <span class="bar"></span>
            </a>

```

```

        <div class="navbarLinks">
            <ul>
                <li><a href="index.php ">Home</a></li>
                <li><a href="search.php">Search</a></li>
                <li><a href="view.php">View your Books</a></li>
                <li><a href="logout.php">Log out</a></li>
            </ul>
        </div>
    </nav>

    <?php
        if ( ! isset($_SESSION["Username"]))
        {

            header( 'Location: login.php' ) ;

        }
    ?>

    <main>

    <section class="form-box">
        <form class="searchfield" action="" method="GET">

            <label for="search">Search by Book Title or Author Name</label>
            <input type="text" name="search" required value="<?php
if(isset($_GET['search']))){echo $_GET['search']; } ?>" placeholder="Search">
            <input type="submit">

        </form>
    </section>

    <table>
        <thead>
            <tr>
                <th>ISBN</th>
                <th>BookTitle</th>
                <th>Author</th>
                <th>Edition</th>
                <th>Year</th>
                <th>CategoryID</th>
                <th>ReservedStatus</th>
                <th>Reserve</th>
            </tr>
        </thead>

        <tbody>
            <?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($data) > 0){
                while($row = mysqli_fetch_assoc($data)){
                    $ISBN = $row['ISBN'];
                    $BookTitle = $row['BookTitle'];
                    $Author = $row['Author'];
                    $Edition = $row['Edition'];
                    $Year = $row['Year'];
                    $CategoryID = $row['CategoryID'];
                    $ReservedStatus = $row['ReservedStatus'];

                    ?>
                    <tr>
                        <td><?php echo $ISBN; ?></td>
                        <td><?php echo $BookTitle; ?></td>
                        <td><?php echo $Author; ?></td>
                        <td><?php echo $Edition; ?></td>
                        <td><?php echo $Year; ?></td>
                        <td><?php echo $CategoryID; ?></td>
                        <td><?php echo $ReservedStatus; ?></td>
                        <td><?php echo('<a
href="reserve.php?id='.$row['ISBN'].'">Reserve</a>'); ?></td>

                    </tr>
                    <?php
                }
            }
            else
            {
                ?>
                <tr>
                    <td colspan="7">No Record Found</td>
                </tr>
                <?php
            }
        }
        ?>
    </tbody>
</table>

```



```

        if(mysqli_num_rows($data) > 0){
            while($row = mysqli_fetch_assoc($data)){
                $ISBN = $row['ISBN'];
                $BookTitle = $row['BookTitle'];
                $Author = $row['Author'];
                $Edition = $row['Edition'];
                $Year = $row['Year'];
                $CategoryID = $row['CategoryID'];
                $ReservedStatus = $row['ReservedStatus'];

                ?>
                <tr>
                    <td><?php echo $ISBN; ?></td>
                    <td><?php echo $BookTitle; ?></td>
                    <td><?php echo $Author; ?></td>
                    <td><?php echo $Edition; ?></td>
                    <td><?php echo $Year; ?></td>
                    <td><?php echo $CategoryID; ?></td>
                    <td><?php echo $ReservedStatus; ?></td>
                    <td><?php echo('<a
href="reserve.php?id=' . htmlentities($row['ISBN']) . '">Reserve</a>'); ?></td>

                </tr>

                <?php

            }
        }
        else{
            ?>
            <tr>
                <td colspan="7">No Record Found</td>
            </tr>
            <?php

        }
    }
    ?>

</tbody>
</table>

</main>

```

```

<footer>
    <div class="footer-content">

        <p>Follow us on our socials!</p>
        <ul class="socials">
            <li><a href="#"><i class="fa fa-facebook"></i></a></li>
            <li><a href="#"><i class="fa fa-twitter"></i></a></li>
            <li><a href="#"><i class="fa fa-google-plus"></i></a></li>
            <li><a href="#"><i class="fa fa-youtube"></i></a></li>
            <li><a href="#"><i class="fa fa-linkedin-
square"></i></a></li>
        </ul>

        <p>Copyright &copy;2022 Library Website. Designed by
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    </div>

    <a href="#" class="to-top">
        <i class="fas fa-chevron-up"></i>
    </a>

</footer>
</body>
</html>

```

- reserve.php

```

<?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')";
    $query1 = "UPDATE books SET ReservedStatus='Y' WHERE ISBN = '$id'";

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

    mysqli_close($conn);

    echo "$id was reserved to your account<br>";
    echo "To view all you reservations. Click<a href='view.php'>here!</a>";

```



```
?>
```

- view.php

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

?>

<!DOCTYPE html>

<html>
    <head>
        <meta charset="UTF-8"/>
        <link
href="https://fonts.googleapis.com/css2?family=DynaPuff&display=swap"
rel="stylesheet">
        <link rel="stylesheet" href="Assets/CSS/stylingsheet.css?v=?php echo
time(); ?>">
        <script src="https://kit.fontawesome.com/a54d2cbf95.js"></script>
        <script src="Assets/Scripts/burger.js" defer></script>
        <script src="Assets/Scripts/scroll.js" defer></script>
        <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
        <title>Library</title>
        <meta name="viewport" content="width=device-width, initial-
scale=1.0"/>
    </head>

    <body>

        <nav class="navbar">
            <div class="logo">Library</div>
            <a href="#" class="burgerButton">
                <span class="bar"></span>
                <span class="bar"></span>
                <span class="bar"></span>
            </a>
            <div class="navbarLinks">
                <ul>
                    <li><a href="index.php ">Home</a></li>
                    <li><a href="search.php">Search</a></li>
                    <li><a href="view.php">View your Books</a></li>
                    <li><a href="logout.php">Log out</a></li>
                </ul>
            </div>
```

```

</nav>

<?php
    if ( ! isset($_SESSION["Username"]))
    {

        header( 'Location: login.php' ) ;

    }
?>

<table>
    <thead>
        <tr>
            <th>ISBN</th>
            <th>BookTitle</th>
            <th>Date</th>
            <th>Username</th>
            <th>Remove</th>

        </tr>
    </thead>

    <tbody>
        <?php
            $username = $_SESSION['Username'];

            $query = "SELECT books.ISBN, books.BookTitle,
reservations.ReservedDate, reservations.Username FROM reservations NATURAL
JOIN books WHERE reservations.Username = '". $username. "'";

            $result=mysqli_query($conn, $query);

            if($result && mysqli_num_rows($result)>0)
            {

                while($row = mysqli_fetch_array($result, MYSQLI_BOTH)){
                    echo "<tr><td>";
                    echo(htmlentities($row[0]));
                    echo("</td><td>");
                    echo(htmlentities($row[1]));
                    echo("</td><td>");
                    echo(htmlentities($row[2]));
                    echo("</td><td>\n");
                    echo(htmlentities($row[3]));
                    echo("</td><td>\n");
                    echo('<a
href="delete.php?id=' .htmlentities($row[0]).'">Remove</a>');

```

```

        echo("</td></tr>\n");

    }

}

?>
</tbody>
</table>

<footer>
    <div class="footer-content">

        <p>Follow us on our socials!</p>
        <ul class="socials">
            <li><a href="#"><i class="fa fa-facebook"></i></a></li>
            <li><a href="#"><i class="fa fa-twitter"></i></a></li>
            <li><a href="#"><i class="fa fa-google-plus"></i></a></li>
            <li><a href="#"><i class="fa fa-youtube"></i></a></li>
            <li><a href="#"><i class="fa fa-linkedin-
square"></i></a></li>
        </ul>

        <p>Copyright &copy;2022 Library Website. Designed by
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    </div>

    <a href="#" class="to-top">
        <i class="fas fa-chevron-up"></i>
    </a>

</footer>
</body>
</html>

```

- delete.php

```

<?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'";
    $sql2 = "UPDATE books SET ReservedStatus='N' WHERE ISBN = '$id'";
}

```

```

        mysqli_query($conn, $sql);
        mysqli_query($conn, $sql2);
        echo "Reservation Cancelled<br>";
        echo 'Success - <a href="view.php">Continue...</a>';
        return;
    }

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

    echo('Are you sure you want to cancel the reservation for: ' . $row[0] . '
- ' . $row[2] );
    echo('<form method="post"><input type="hidden" ');
    echo('name="id" value="'.htmlentities($row[0]).'">'. "\n");
    echo('<input type="submit" value="Delete" name="delete">');
    echo('<a href="view.php">Cancel</a>');
    echo("\n</form>\n");
?>

```

- logout.php

```

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

```

- stylingsheet.css

```

* {
    box-sizing: border-box;
    -webkit-box-sizing: border-box;
    -moz-box-sizing: border-box;
    margin: 0;
    padding: 0;
}

html {
    height: 100%;
}

body {
    background: white;
    display: flex;
    flex-direction: column;

```

```
    height: 100%;
}

.navbar {
    display: flex;
    justify-content: space-between;
    align-items: center;
    background-color: rgb(60, 12, 105) ;
    color: white;
}

.logo {
    font-size: 3rem;
    margin: 1rem;
    font-family: 'DynaPuff', cursive;
    text-shadow: -2px -2px 0 #000, 2px -2px 0 #000, -2px 2px 0 #000, 2px 2px 0
#000;
}

.navbarLinks ul {
    margin: 0;
    padding: 0;
    display: flex;
}

.navbarLinks ul li {
    list-style: none;
}

.navbarLinks ul li a {
    text-decoration: none;
    color: white;
    padding: 1rem;
    display: block;
    font-family: 'DynaPuff', cursive;
    text-shadow: -1px -1px 0 #000, 1px -1px 0 #000, -1px 1px 0 #000, 1px 1px 0
#000;
}

.navbarLinks ul li:hover {
    background-color: #555;
}

.burgerButton {
    position: absolute;
    top: .75rem;
```

```

    right: 1rem;
    display: none;
    flex-direction: column;
    justify-content: space-between;
    width: 30px;
    height: 21px;
}

.burgerButton .bar {
    height: 3px;
    width: 100%;
    text-shadow: ;
    background-color: white;
    border-radius: 10px;
}

@media (max-width: 1000px) {
    .burgerButton {
        display: flex;
    }

    .navbarLinks {
        display: none;
        width: 100%;
    }

    .navbar {
        flex-direction: column;
        align-items: flex-start;
    }

    .navbarLinks ul {
        width: 100%;
        flex-direction: column;
    }

    .navbarLinks ul li {
        text-align: center;
    }

    .navbarLinks ul li a {
        padding: .5rem 1rem;
    }

    .navbarLinks.active {
        display: flex;
    }
}

```

```
}

footer {
  position: relative;
  background: #111;
  height: auto;
  width: auto;
  font-family: 'DynaPuff', cursive;
  text-shadow: -1px -1px 0 #000, 1px -1px 0 #000, -1px 1px 0 #000, 1px 1px 0
#000;
  padding-top: 10px;
  color: #fff;
  margin-top: auto;
}

.footer-content {
  display: flex;
  align-items: center;
  justify-content: center;
  flex-direction: column;
  text-align: center;
}

.footer-content p {
  max-width: 500px;
  margin: 10px auto;
  line-height: 28px;
  font-size: 14px;
}

.footer-content span {
  opacity: .4;
  font-weight: 200;
}

.socials {
  list-style: none;
  display: flex;
  align-items: center;
  justify-content: center;
  margin: 1rem;
}

.socials li {
  margin: 10px;
}

.socials a {
```

```

    text-decoration: none;
    color: #fff;
}

.socials a i {
    font-size: 1.1rem;
    transition: color .4s ease;
}

.socials a:hover i {
    color: aqua;
}

.backgroundPhoto {
    background-image: url("library.jpg");
    background-size: cover;
    background-repeat: no-repeat;
    opacity: .9;
}

.heading {
    font-family: 'DynaPuff', cursive;
    font-size: 40px;
    text-align: center;
    text-shadow: -2px -2px 0 #000, 2px -2px 0 #000, -2px 2px 0 #000, 2px 2px 0
#000;
    color: rgb(0, 255, 242);
    margin: 10px;
    margin-top: 20px;
}

.to-top {
    background: white;
    position: fixed;
    bottom: 16px;
    right: 32px;
    width: 50px;
    height: 50px;
    border-radius: 50%;
    display: flex;
    align-items: center;
    justify-content: center;
    font-size: 32px;
    color: #1f1f1f;
    text-decoration: none;
    opacity: 0;

```



```

    pointer-events: none;
    transition: all .4s;
}

.to-top.active {
    bottom: 32px;
    pointer-events: auto;
    opacity: 1;
}

.textcard {

    margin-top: 10px;
    margin-bottom: 10px;
    margin-left: 40px;
    margin-right: 40px;
    padding: 30px;
    border: 5px black solid;
    border-radius: 20px;
    width: 60%;
    width: auto;
    text-align: center;
    font-size: 20px;
    line-height: 35px;
    font-family: 'DynaPuff', cursive;
    color: white;
    background-color: red;
    text-shadow: -1px -1px 0 #000, 1px -1px 0 #000, -1px 1px 0 #000, 1px 1px 0
#000;
}

.textcard2 {

    margin-top: 10px;
    margin-bottom: 10px;
    margin-left: 40px;
    margin-right: 40px;
    padding: 30px;

    width: auto;
    text-align: center;
    font-size: 40px;
    line-height: 35px;
    font-family: 'DynaPuff', cursive;
    color: black;
    b

```

```

}

.form-box{
  display: flex;
  justify-content:center;
  flex-wrap: wrap;
}

.searchfield {

  margin: 3vh auto ;
  margin-left: 20px;
  margin-right: 20px;
  padding: 20px;
  background-color: white;

  font-size: 14px;
  font-family: 'DynaPuff', cursive;
  color: black;
}

table {
  width: 100%;
  border-collapse: collapse;
}
/* Zebra striping */
tr:nth-of-type(odd) {
  background: #eee;
}
th {
  background: rgb(158, 180, 227);
  color: white;
  font-weight: bold;
}
td, th {
  padding: 6px;
  border: 1px solid #ccc;
  text-align: left;
}

@media
only screen and (max-width: 760px),
(min-device-width: 768px) and (max-device-width: 1024px) {

  table, thead, tbody, th, td, tr {
    display: block;

```

```

}

thead tr {
    position: absolute;
    top: -9999px;
    left: -9999px;
}

tr { border: 1px solid #ccc; }

td {

    border: none;
    border-bottom: 1px solid #eee;
    position: relative;
    padding-left: 50%;
}

td:before {

    position: absolute;

    top: 6px;
    left: 6px;
    width: 45%;
    padding-right: 10px;
    white-space: nowrap;
}
}

#text{

    height: 25px;
    border-radius: 5px;
    padding: 4px;
    border: solid thin #aaa;
    width: 100%;
}

#button{

    padding: 10px;
    width: 100px;
    color: white;
    background-color: lightblue;
    border: none;

```

```

}

#box1{

    background-color: #b3b3b3;
    margin: auto;
    width: 300px;
    padding: 20px;
    margin-top: 50px;
    margin-bottom: 100px;
}

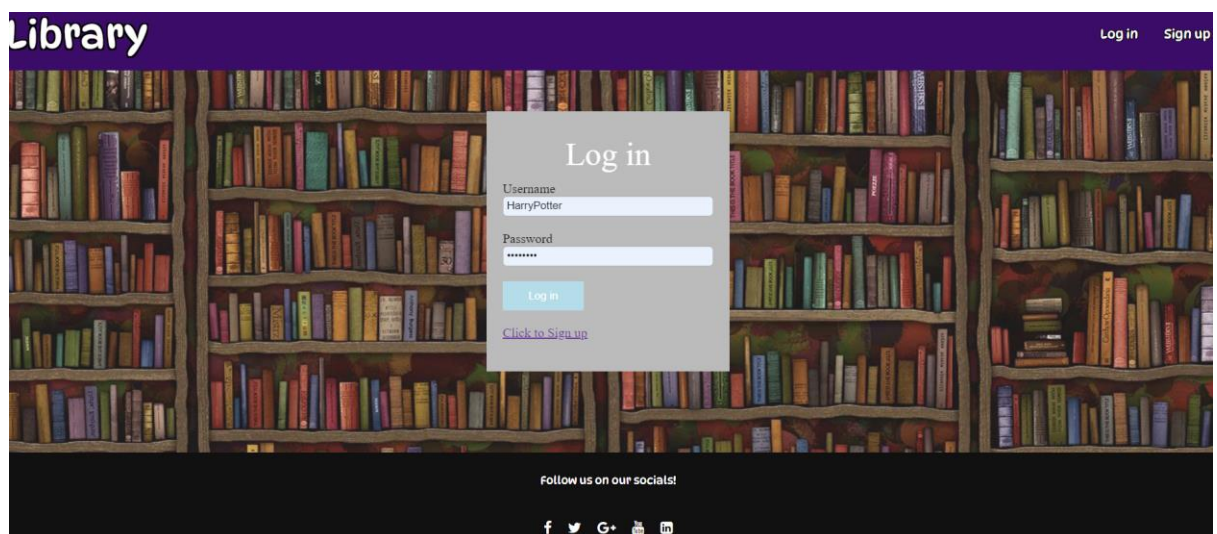
#box2{

    background-color: #b3b3b3;
    margin: auto;
    width: 300px;
    padding: 20px;
    margin-top: 50px;
    margin-bottom: 50px;
}

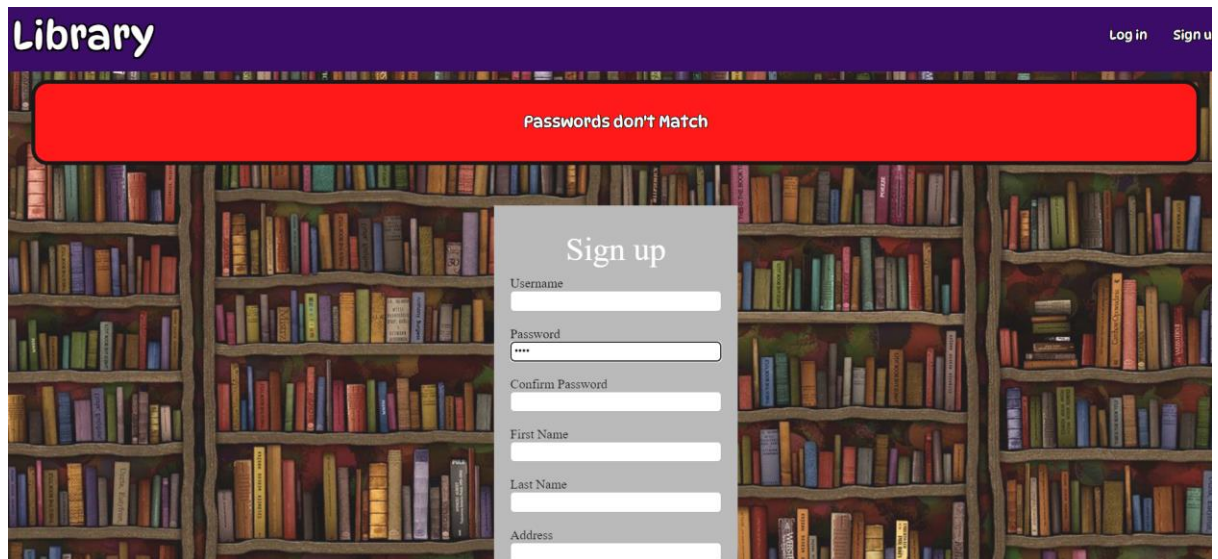
```

## Screenshots of Webpages:

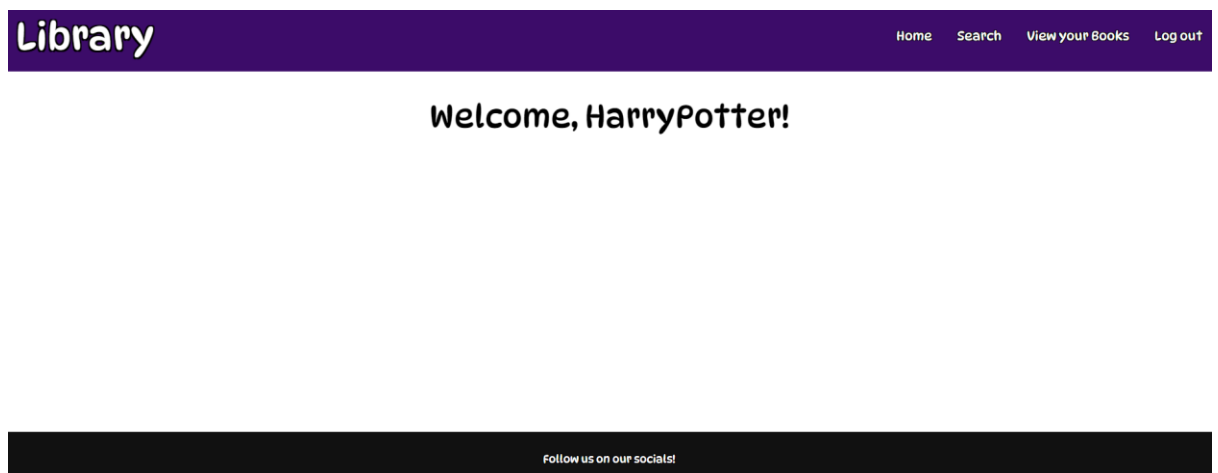
- Log in page



- Register Page

The image shows a web page for a library's registration process. The background is a detailed illustration of a library with tall wooden bookshelves filled with books of various colors. At the top, there is a purple header bar with the word "Library" in white on the left and "Log in" and "Sign up" in white on the right. A prominent red rectangular banner with rounded corners is centered near the top, containing the text "Passwords don't Match" in white. Below this banner, a white registration form is centered. The form has a title "Sign up" in a light gray font. It contains several input fields: "Username", "Password" (with four asterisks indicating it is masked), "Confirm Password", "First Name", "Last Name", and "Address". Each field is a simple white rectangle with a light gray border.

- Index/Home Page

The image shows the home page of a library website. It features a purple header bar at the top with the word "Library" in white on the left and navigation links "Home", "Search", "View your Books", and "Log out" in white on the right. Below the header, the text "Welcome, HarryPotter!" is displayed in a large, bold, black font, centered on the page. At the bottom of the page, there is a solid black horizontal bar containing the text "Follow us on our socials!" in a small, white, sans-serif font, centered.

- Search Page

Library

HomeSearchView your BooksLog out

Search by Book Title or Author Name

ISBN	Book Title	Author	Edition	Year	CategoryID	ReservedStatus	Reserve
237-34823	Business Strategy	Joe Peppard	2	2002	002	N	<a href="#">Reserve</a>
9823-98487	Optimising your Business	Cleo Blair	1	2001	002	N	<a href="#">Reserve</a>

Search by Category

Categories

- Categories
- Health
- Business
- Biography
- Technology
- Travel
- Self-help
- Cookery
- Fiction

ISBN	Book Title	Author	Edition	Year	CategoryID	ReservedStatus	Reserve
237-34823	Business Strategy	Joe Peppard	2	2002	002	N	<a href="#">Reserve</a>
9823-98487	Optimising your Business	Cleo Blair	1	2001	002	N	<a href="#">Reserve</a>

Follow us on our socials!

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- View page

Library

HomeSearchView your BooksLog out

ISBN	Book Title	Date	Username	Remove
237-34823	Business Strategy	2022-12-09	HarryPotter	<a href="#">Remove</a>
9823-98487	Optimising your Business	2022-12-09	HarryPotter	<a href="#">Remove</a>

Follow us on our socials!

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- Delete Confirmation Page

Are you sure you want to cancel the reservation for: 237-34823 - Business Strategy

[Cancel](#)