

1. Synopsis

This project involves creating a simple web application with three primary functionalities:

- **Registration Page** (for user login details),
- **Login Page** (for user authentication),
- **Home Page** (to display art details after login).

Step 1: Registration Page (Optional)

In a real-world project, a registration page would be required for user registration, where users would enter their credentials (username, password). Since the requirement here is just to implement login functionality with hardcoded users, this step has been omitted.

Step 2: Login Page

The login page is responsible for accepting a username and password from the user and authenticating it against the hardcoded data.

- **Code snippet** (login.php):

```
1  <?php
2  session_start();
3
4
5  $valid_users = [
6      "Robo001" => "Teja01@",
7      "TEJA001" => "Robo001@"
8  ];
9
10 $message = "";
11
12 if ($_SERVER["REQUEST_METHOD"] == "POST") {
13     $username = $_POST['username'];
14     $password = $_POST['password'];
15
16     if (isset($valid_users[$username]) && $valid_users[$username] === $password) {
17         $_SESSION['username'] = $username;
18         header("Location: home.php");
19         exit();
20     } else {
21         $message = "Invalid username or password!";
22     }
23 }
24 ?>
25 |
```

Explanation:- \$_SESSION is used to store the username when authentication is successful.

- Upon successful login, the user is redirected to home.php. If the login fails, an error message is displayed.

Step 3: Home Page- The home page is displayed only if the user is logged in. It shows art details, including descriptions and rates of five Indian art forms.

- **Code snippet (home.php):**

```
1  <?php
2  session_start();
3  v if (!isset($_SESSION['username'])) {
4      header("Location: login.php");
5      exit();
6  }
7  ?>
8  <!DOCTYPE html>
9  v <html lang="en">
10 v <head>
11     <meta charset="UTF-8">
12     <meta name="viewport" content="width=device-width, initial-scale=1.0">
13     <title>Home - Indian Art</title>
14 v     <style>
15 v         body {
16             font-family: Arial, sans-serif;
17             background-color: #f4f4f4;
18             text-align: center;
19         }
20 v         .container {
21             width: 80%;
22             margin: auto;
23             padding: 20px;
24             background: white;
25             border-radius: 10px;
26             box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
27         }
28 v         .art-section {
29             margin: 20px 0;
30             padding: 20px;
31             border-bottom: 2px solid #ddd;
32         }
33 v         img {
34             width: 300px;
35             height: 375px;
36             border-radius: 5px;
37         }
38     </style>
39 </head>
40 v <body>
41 v     <div class="container">
42         <h1>Welcome, <?php echo $_SESSION['username']; ?></h1>
43         <h2>Explore Indian Art</h2>
44         <!-- Art Sections go here -->
45     </div>
46 </body>
--
```

Explanation:

- The home page fetches the username from the session and displays a personalized greeting.
- It showcases five art pieces (Mandala, Madhubani, Warli, Pattachitra, and Kalamkari) with descriptions, images, and prices.

Step 4: Logout Page

The logout page destroys the session and redirects the user to a thank-you message.

- **Code snippet** (logout.php):

```
<?php
session_start();
session_destroy();
?>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Logout</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      text-align: center;
      margin-top: 50px;
    }
    .message {
      font-size: 20px;
      font-weight: bold;
      color: green;
    }
  </style>
</head>
<body>
  <p class="message">Thank you for visiting!</p>
  <p><a href="login.php">Click here to login again</a></p>
</body>
</html>
```

Explanation:

- After logging out, the session is destroyed, and a thank-you message is shown. The user is then given the option to log in again.

2. Design Overview and UI Elements**Login Page**

- **Form Elements:**
 - Username field (text input)
 - Password field (password input)
 - Submit button
- **UI Elements:**
 - Clear input fields for username and password.
 - Error message area if login fails.

Home Page

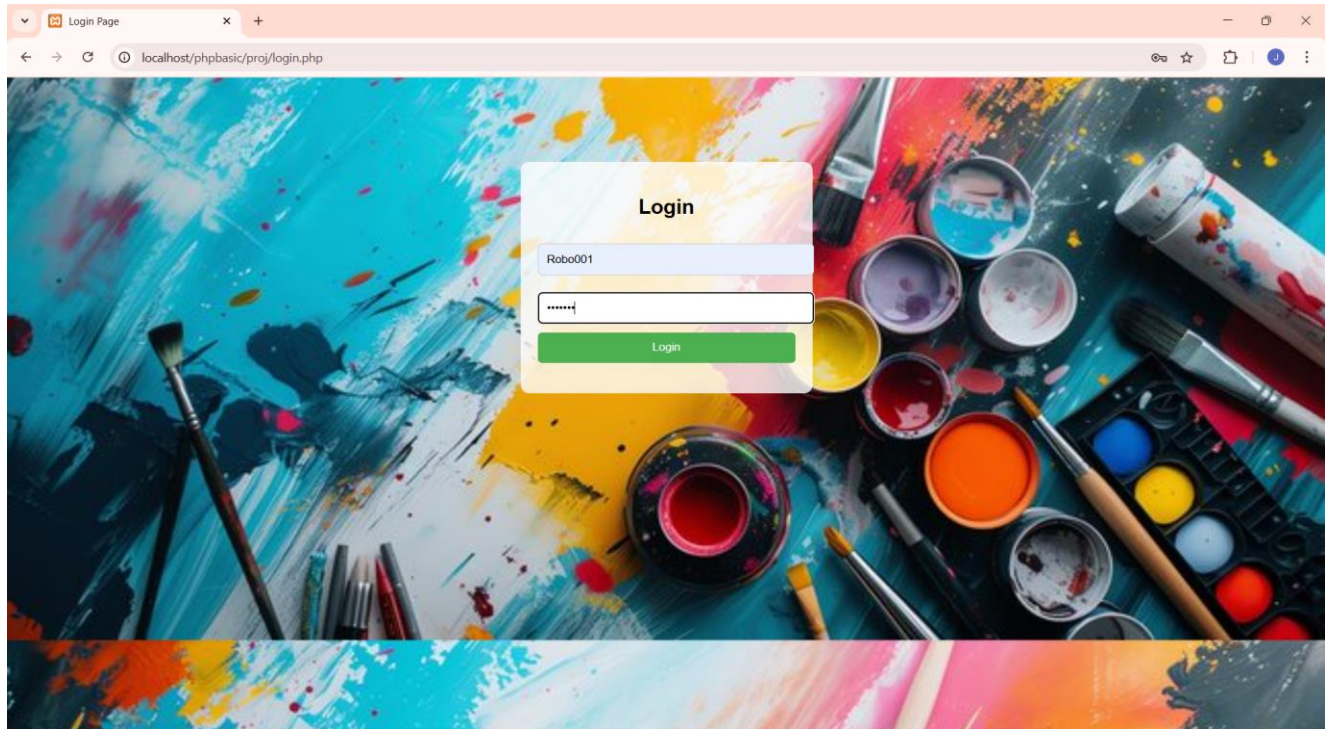
- **Dynamic Content:**
 - Greeting message displaying the username.
 - Art display sections for each artwork, including a title, image, description, and price.
- **UI Elements:**
 - Each art piece is shown as an image (300px x 375px) with text below describing the art style and pricing.
 - The "Logout" button is also included at the bottom.

Logout Page

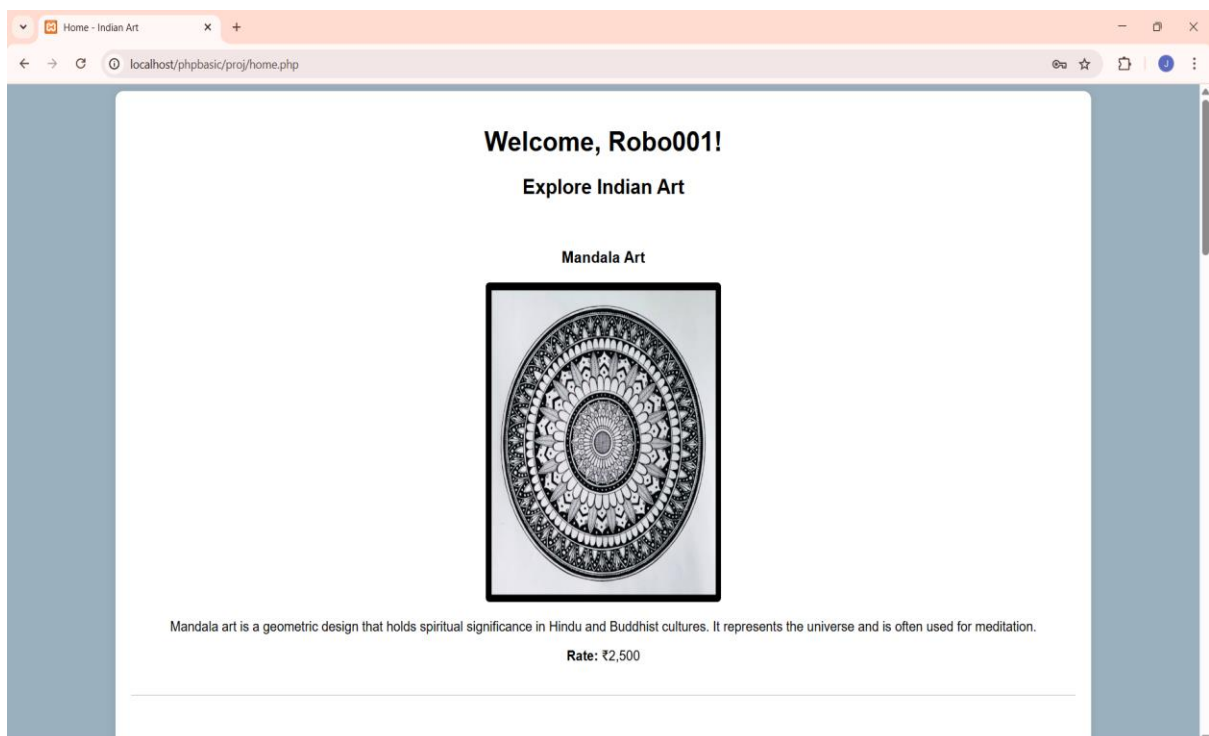
- **UI Elements:**
 - A thank-you message.
 - A link to redirect users to the login page again.

GitHub Link- <https://github.com/001Rohitctrl/ART-SHOP>

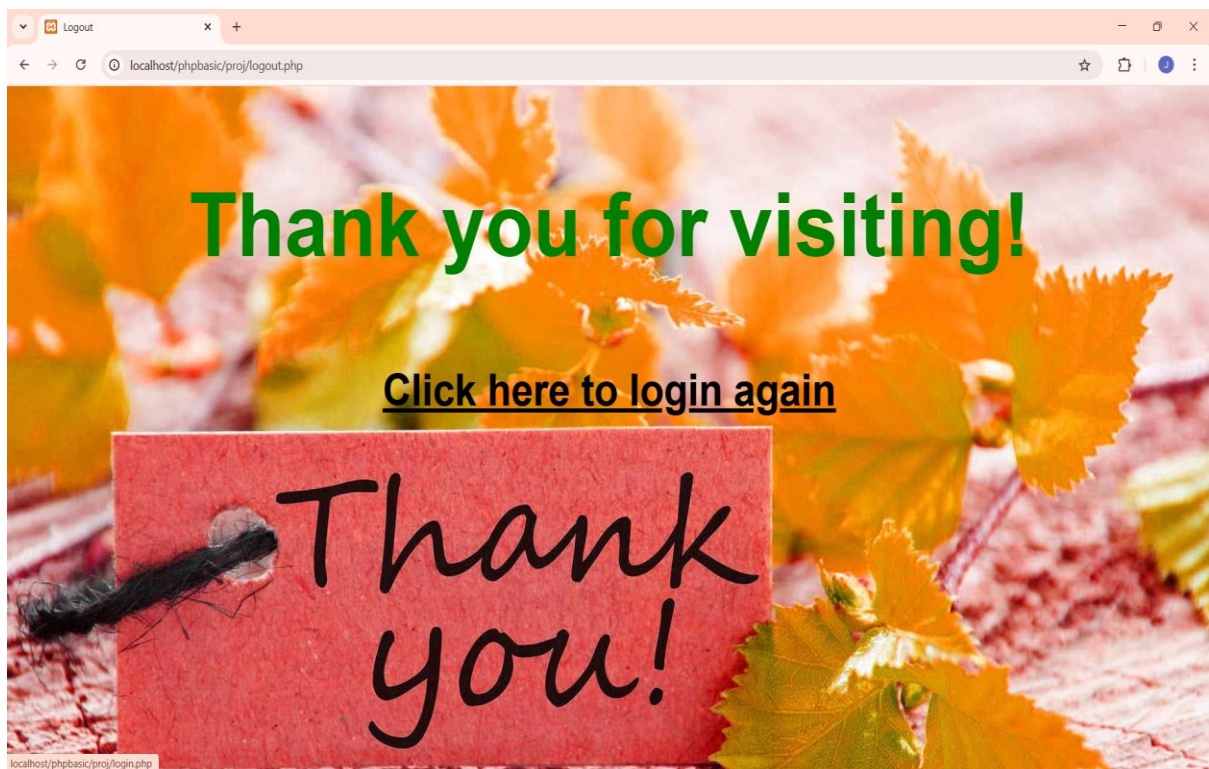
LOGIN PAGE -



HOME PAGE –



LOGOUT PAGE -



Conclusion

This project demonstrates the basic implementation of a login and home page system, which is secure through session management and allows the user to view a gallery of Indian art forms. The application is interactive, as it shows a personalized greeting on the home page, and the UI elements are simple and user-friendly.

Learning Outcome

From this project, you learned how to:

1. **Use PHP sessions** to manage user login and logout functionality.
2. **Create a login system** with form handling, validation, and user authentication.
3. **Redirect users** based on session data, restricting access to certain pages.
4. **Design simple, dynamic web pages** using HTML, CSS, and PHP to display personalized content.