**PROJECT**

**College Management System**

Step 1:First decide your project name.Here u take the project name as CMSA.Create a folder named as CMSA inside C:\xampp\htdocs.

Step 2: Create a database in mysql/Phpmyadmin, named it as CMSA same as ur project name .

Step 3 :Create a connection file where u have to write the code for connectivity of database , named it as db\_coonection .php

Step 4 : Decide all the modules of your project.

1. User Registration
2. Student Information Management
3. Course management
4. Admission Process Management
5. Faculty Management
6. Examination Management
7. Extra Curricula Activities

Step 5 : Make all the tables for your defined module first.

Step 6 : Write all the CRUD operation for all module in same folder first.

Step 7:Now u have to create index.php which is the main page of your project.In index page page u have to input a login form .

Index.php

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Login Page</title>

    <style>

        /\* CSS for styling the login form \*/

        body {

            margin: 0;

            padding: 0;

            font-family: Arial, sans-serif;

            background-image: url('image/b2.png'); /\* Replace 'background.jpg' with the path to your background image \*/

            background-size: cover;

            background-position: center;

            height: 100vh;

            display: flex;

            justify-content: center;

            align-items: center;

        }

        .login-container {

            width: 300px;

            padding: 20px;

            background-color: rgba(255, 255, 255, 0.8);

            border-radius: 10px;

            box-shadow: 0 0 10px rgba(0, 0, 0, 0.3);

        }

        .login-container h2 {

            text-align: center;

        }

        .login-form input {

            width: 100%;

            margin-bottom: 10px;

            padding: 10px;

            border: 1px solid #ccc;

            border-radius: 3px;

            box-sizing: border-box;

        }

        .login-form input[type="submit"] {

            background-color: #4CAF50;

            color: white;

            cursor: pointer;

        }

        .login-form input[type="submit"]:hover {

            background-color: #45a049;

        }

    </style>

</head>

<body>

    <div class="login-container">

        <h2>Login</h2>

        <form class="login-form" action="submit\_login.php" method="POST">

            <label for="username">Username:</label>

            <input type="text" id="username" name="username" required>

            <label for="password">Password:</label>

            <input type="password" id="password" name="password" required>

            <label for="password">User Type:</label>

            <input type="password" id="usertype" name="usertype" required>

            <input type="submit" value="Login">

        </form>

        <!-- You can add any additional messages or links here, like a link to registration or password reset -->

    </div>

</body>

</html>

submit\_login.php

use session here …to catch the user name who is logged in.

<?php

// Start a PHP session

session\_start();

// Check if the form is submitted

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

    // Check if both username and password are provided

    if (isset($\_POST['username']) && isset($\_POST['password']) && isset($\_POST['usertype'])) {

        // Retrieve username, password, and usertype from the form

        $username = $\_POST['username'];

        $password = $\_POST['password'];

        $usertype = $\_POST['usertype'];

        // Connect to the database (replace these values with your database credentials)

      include 'db\_connection.php';

        // Prepare SQL statement to fetch user data from the database

        $sql = "SELECT \* FROM user WHERE username = '$username' AND password = '$password' AND usertype = '$usertype'";

        $result = $conn->query($sql);

        // Check if the user exists in the database

        if ($result->num\_rows == 1) {

            // Set session variables

            $\_SESSION['username'] = $username;

            $\_SESSION['usertype'] = $usertype;

            // Redirect to the home page or dashboard after successful login

            header("Location: home.php");

            exit();

        } else {

            // Redirect back to the login page with an error message

            header("Location: index.php?error=invalid\_credentials");

            exit();

        }

        // Close the database connection

        $conn->close();

    } else {

        // Redirect back to the login page if username or password is missing

        header("Location: index.php?error=missing\_fields");

        exit();

    }

} else {

    // Redirect back to the login page if form is not submitted

    header("Location: index.php");

    exit();

}

?>

If valid user …then go to home page home.php

<?php

// Start a PHP session

session\_start();

// Check if the user is logged in

if (!isset($\_SESSION['username']) || !isset($\_SESSION['usertype'])) {

    // If not logged in, redirect to the login page

    header("Location: index.php");

    exit();

}

// Display the dashboard or home page content

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Dashboard</title>

    <!-- Add any CSS links or meta tags here -->

    <style>

        /\* Add CSS styling for the dashboard \*/

        body {

            font-family: Arial, sans-serif;

            background-color: #f4f4f4;

        }

        .container {

            max-width: 800px;

            margin: 0 auto;

            padding: 20px;

        }

        .welcome {

            text-align: center;

            margin-bottom: 20px;

        }

        .logout-btn {

            display: block;

            width: 100px;

            margin: 0 auto;

            padding: 10px;

            background-color: #4CAF50;

            color: white;

            text-align: center;

            text-decoration: none;

            border-radius: 5px;

        }

        .logout-btn:hover {

            background-color: #45a049;

        }

    </style>

</head>

<body>

    <div class="container">

        <h2 class="welcome">Welcome, <?php echo $\_SESSION['username']; ?>!</h2>

        <p>This is your dashboard. You can add your content here.</p>

          <!-- Add any dashboard content or functionality here -->

        <a href="logout.php" class="logout-btn">Logout</a>

    </div>

</body>

</html>

logout.php

<?php

// Start a PHP session

session\_start();

// Unset all session variables

$\_SESSION = array();

// Destroy the session

session\_destroy();

// Redirect the user back to the login page after logout

header("Location: index.php");

exit();

?>

Step 8:

Make now the sidebar , header and footer for ur all page …

sidebar.php

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Header with Sidebar</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="sidebar">

        <img src="image/b1.jpg" alt="your logo">

        <a href="home.php">HOME </a>

        <a href="contactus.php">Contact Us </a>

        <a href="about.php">About </a>

        <a href="logout.php">Logout </a>

    </div>

</body>

</html>

header.php

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Header with Sidebar</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="header">

<h1> My Website</h1>

<p> A website created by me</p>

<button class="logout-button" onclick="location.href='logout.php'">Logout</button>

    </div>

</body>

</html>

footer.php

<footer>

    <div class="container">

        <p>&copy; <?php echo date("Y"); ?> Your Website Name. All rights reserved.</p>

        <!-- Add any additional footer content here -->

    </div>

</footer>