**BASIC FORM**

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

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

**<title>Course Form</title>**

**<link rel="stylesheet" type="text/css" href="style.css">**

**</head>**

**<body>**

**<h1>Course Form</h1>**

**<section id="form-container">**

**<form id="form" action="connect.php" method="post">**

**<label for="course">Course Name: </label>**

**<input type="text" id="course" name="course"><br><br>**

**<label for="pccourse">Prior Completed Courses: </label><br>**

**<input type="checkbox" id="HTML" name="pccourse[]" value="HTML">**

**<label for="HTML">HTML</label><br>**

**<input type="checkbox" id="CSS" name="pccourse[]" value="CSS">**

**<label for="CSS">CSS</label><br>**

**<input type="checkbox" id="JS" name="pccourse[]" value="JS">**

**<label for="JS">JS</label><br>**

**<input type="checkbox" id="PHP" name="pccourse[]" value="PHP">**

**<label for="PHP">PHP</label><br><br>**

**<label for="timeslot">Choose Timeslot: </label><br>**

**<input type="radio" id="First-Half" name="timeslot" value="First-Half">**

**<label for="First-Half">First-Half</label><br>**

**<input type="radio" id="Second-Half" name="timeslot" value="Second-Half">**

**<label for="Second-Half">Second-Half</label><br><br>**

**<label for="payment">Payment Mode: </label>**

**<select id="payment" name="payment">**

**<option value="" selected disabled>Select a Payment Mode</option>**

**<option value="UPI">UPI</option>**

**<option value="Credit Card">Credit Card</option>**

**<option value="Debit Card">Debit Card</option>**

**<option value="Cash">Cash</option>**

**</select><br><br>**

**<input type="submit" value="Submit">**

**</form>**

**</section>**

**</body>**

**</html>**

**BASIC CSS**

**body {**

**background-color: slategray;**

**font-family: 'Times New Roman', Times, serif;**

**padding: 20px;**

**}**

**h1, h2, h3 {**

**color: tomato;**

**text-align: center;**

**}**

**#form-container {**

**font-size: large;**

**font-style: bold;**

**margin: auto;**

**max-width: 450px;**

**background-color: white;**

**border-radius: 20px;**

**padding : 30px;**

**box-shadow: 3px 3px 5px 5px rgba(100, 100, 100, 0.2);**

**}**

**#form {**

**margin: auto;**

**}**

**label, select {**

**font-size: large;**

**}**

**input[type="text"] {**

**padding: 5px;**

**width: 200px**

**}**

**input[type="submit"]:hover {**

**padding: 10px;**

**background-color: skyblue;**

**border-style: none;**

**font-size: large;**

**border-radius: 8px;**

**}**

**input[type="submit"] {**

**padding: 10px;**

**background-color: slategray;**

**color: white;**

**border-style: none;**

**font-size: large;**

**border-radius: 8px;**

**}**

**MYSQLI**

**<?php**

**$conn = new mysqli('localhost', 'root', '', 'course\_form');**

**if ($conn->connect\_error) {**

**die("Connection Failed! :".$conn->connect\_error);**

**}**

**$sql = "CREATE TABLE IF NOT EXISTS course\_registration(**

**id INT AUTO\_INCREMENT PRIMARY KEY,**

**course VARCHAR(50) NOT NULL,**

**pccourse VARCHAR(255) NOT NULL,**

**timeslot VARCHAR(50) NOT NULL,**

**payment VARCHAR(50) NOT NULL**

**)";**

**$conn->query($sql);**

**$errors=[];**

**$course = isset($\_POST['course']) ? trim($\_POST['course']) : '';**

**$pccourse = isset($\_POST['pccourse']) ? $\_POST['pccourse'] : [];**

**$timeslot = isset($\_POST['timeslot']) ? $\_POST['timeslot'] : '';**

**$payment = isset($\_POST['payment']) ? $\_POST['payment'] : '';**

**if ((empty($course)) || (strlen($course) < 4) || (!preg\_match("/^[A-Za-z- ]\*$/", $course))){**

**$errors[] = "Course name must be at least 4 characters and contain only alphabets and spaces.";**

**}**

**if (empty($pccourse)) {**

**$errors[] = "Please select at least one prior completed course.";**

**}**

**if (empty($timeslot)) {**

**$errors[] = "Please choose a timeslot.";**

**}**

**if (empty($payment)) {**

**$errors[] = "Please select a payment mode.";**

**}**

**if (!empty($errors)){**

**foreach($errors as $error){**

**echo "<p style='color: red;'>$error</p><br>";**

**}**

**echo "<a href='index.html'>Go back to the form</a>";**

**}**

**else {**

**$pccourse\_str = implode(", ", $pccourse);**

**// print\_r($pccourse);**

**$stmt = $conn->prepare("INSERT INTO course\_registration(course, pccourse, timeslot, payment) VALUES (?, ?, ?, ?)");**

**$stmt->bind\_param("ssss", $course, $pccourse\_str, $timeslot, $payment);**

**if ($stmt->execute()) {**

**echo "<p style='color: green;'>Registration successful!</p>";**

**}**

**else {**

**echo "<p style='color: red;'>Registration failed! Error: ".$stmt->error."</p>";**

**}**

**$stmt->close();**

**}**

**$conn->close();**

**?>**

**PDO**

**<?php**

**$dsn = 'mysql:host=localhost;dbname=course\_form;charset=utf8';**

**$username = 'root';**

**$password = '';**

**try {**

**$conn = new PDO($dsn, $username, $password);**

**$conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);**

**$sql = "CREATE TABLE IF NOT EXISTS course\_registration (**

**id INT AUTO\_INCREMENT PRIMARY KEY,**

**course VARCHAR(50) NOT NULL,**

**pccourse VARCHAR(255) NOT NULL,**

**timeslot VARCHAR(50) NOT NULL,**

**payment VARCHAR(50) NOT NULL**

**)";**

**$conn->exec($sql);**

**}**

**catch (PDOException $e){**

**die("Connection failed: ". $e->getMessage());**

**}**

**$errors = [];**

**$course = isset($\_POST['course']) ? trim($\_POST['course']) : '';**

**$pccourse = isset($\_POST['pccourse']) ? $\_POST['pccourse'] : [];**

**$timeslot = isset($\_POST['timeslot']) ? $\_POST['timeslot'] : '';**

**$payment = isset($\_POST['payment']) ? $\_POST['payment'] : '';**

**if (empty($course) || strlen($course) < 4 || !preg\_match("/^[A-Za-z- ]\*$/", $course)) {**

**$errors[] = "Course name must be at least 4 characters and contain only alphabets and spaces.";**

**}**

**if (empty($pccourse)) {**

**$errors[] = "Please select at least one prior completed course.";**

**}**

**if (empty($timeslot)) {**

**$errors[] = "Please choose a timeslot.";**

**}**

**if (empty($payment)) {**

**$errors[] = "Please select a payment mode.";**

**}**

**if (!empty($errors)) {**

**foreach ($errors as $error) {**

**echo "<p style='color: red;'>$error</p><br>";**

**}**

**echo "<a href='index.html'>Go back to the form</a>";**

**} else {**

**$pccourse\_str = implode(", ", $pccourse);**

**$sql = "INSERT INTO course\_registration (course, pccourse, timeslot, payment) VALUES (:course, :pccourse, :timeslot, :payment)";**

**$stmt = $conn->prepare($sql);**

**$stmt->bindParam(':course', $course);**

**$stmt->bindParam(':pccourse', $pccourse\_str);**

**$stmt->bindParam(':timeslot', $timeslot);**

**$stmt->bindParam(':payment', $payment);**

**if ($stmt->execute()) {**

**echo "<p style='color: green;'>Registration successful!</p>";**

**echo "<h3>Your Submitted Information:</h3>";**

**echo "<p><strong>Course Name:</strong> " . htmlspecialchars($course) . "</p>";**

**echo "<p><strong>Prior Completed Courses:</strong> " . htmlspecialchars($pccourse\_str) . "</p>";**

**echo "<p><strong>Timeslot:</strong> " . htmlspecialchars($timeslot) . "</p>";**

**echo "<p><strong>Payment Mode:</strong> " . htmlspecialchars($payment) . "</p>";**

**} else {**

**echo "<p style='color: red;'>Registration failed! Please try again.</p>";**

**}**

**}**

**$conn = null;**

**?>**