**Lab 3 Bootstrap**

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**Q1. Design the student bio-data form using button, label, textbox, radio button, table and checkbox.**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

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

<title>Student Bio-data</title>

<link rel="stylesheet" type="text/css" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

<h2 class="text-center">Student Bio-Data Form</h2>

<form>

<div class="form-group">

<label for="name">Full Name:</label>

<input type="text" class="form-control" id="name" placeholder="Enter your full name" required>

</div>

<div class="form-group">

<label for="email">Email:</label>

<input type="email" class="form-control" id="email" placeholder="Enter your email" required>

</div>

<div class="form-group">

<label for="dob">Date of Birth:</label>

<input type="date" class="form-control" id="dob" required>

</div>

<div class="form-group">

<label>Gender:</label><br>

<div class="form-check form-check-inline">

<input class="form-check-input" type="radio" name="gender" id="male" value="male" required>

<label class="form-check-label" for="male">Male</label>

</div>

<div class="form-check form-check-inline">

<input class="form-check-input" type="radio" name="gender" id="female" value="female">

<label class="form-check-label" for="female">Female</label>

</div>

<div class="form-check form-check-inline">

<input class="form-check-input" type="radio" name="gender" id="other" value="other">

<label class="form-check-label" for="other">Other</label>

</div>

</div>

<div class="form-group">

<label for="address">Address:</label>

<textarea class="form-control" id="address" rows="3" placeholder="Enter your address" required></textarea>

</div>

<div class="form-group">

<label>Hobbies:</label><br>

<div class="form-check">

<input class="form-check-input" type="checkbox" id="hobby1" value="Reading">

<label class="form-check-label" for="hobby1">Reading</label>

</div>

<div class="form-check">

<input class="form-check-input" type="checkbox" id="hobby2" value="Sports">

<label class="form-check-label" for="hobby2">Sports</label>

</div>

<div class="form-check">

<input class="form-check-input" type="checkbox" id="hobby3" value="Music">

<label class="form-check-label" for="hobby3">Music</label>

</div>

<div class="form-check">

<input class="form-check-input" type="checkbox" id="hobby4" value="Traveling">

<label class="form-check-label" for="hobby4">Traveling</label>

</div>

</div>

<div class="form-group">

<label>Choose Course:</label><br>

<div class="form-check">

<input class="form-check-input" type="radio" name="course" id="course1" value="B.Tech." required>

<label class="form-check-label" for="course1">B.Tech.</label>

</div>

<div class="form-check">

<input class="form-check-input" type="radio" name="course" id="course2" value="B.Sc.">

<label class="form-check-label" for="course2">B.Sc.</label>

</div>

<div class="form-check">

<input class="form-check-input" type="radio" name="course" id="course3" value="PhD">

<label class="form-check-label " for="course3">PhD</label>

</div>

<div class="form-check">

<input class="form-check-input" type="radio" name="course" id="course4" value="Diploma">

<label class="form-check-label" for="course4">Diploma</label>

</div>

</div>

<div class="text-center">

<button type="submit" class="btn btn-primary">Submit</button>

<button type="reset" class="btn btn-secondary">Reset</button>

</div>

</form>

</div>

</body>

</html>

A computer screen shot of a computer

Description automatically generated

**Q2. Design a web page which shows the database-oriented CRUD operation. Consider Employee data.**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Employee CRUD Operations</title>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"></script>

<style>

.hidden {

display: none;

}

</style>

</head>

<body>

<div class="container mt-5">

<h2 class="text-center">Employee CRUD Operations</h2>

<form id="employeeForm" class="mb-4">

<input type="hidden" id="employeeId">

<div class="form-group">

<label for="name">Name:</label>

<input type="text" class="form-control" id="name" placeholder="Enter employee name" required>

</div>

<div class="form-group">

<label for="email">Email:</label>

<input type="email" class="form-control" id="email" placeholder="Enter employee email" required>

</div>

<div class="form-group">

<label for="position">Position:</label>

<input type="text" class="form-control" id="position" placeholder="Enter employee position" required>

</div>

<button type="submit" class="btn btn-primary">Add Employee</button>

</form>

<h3>Employee List</h3>

<table class="table table-bordered">

<thead>

<tr>

<th>ID</th>

<th>Name</th>

<th>Email</th>

<th>Position</th>

<th>Actions</th>

</tr>

</thead>

<tbody id="employeeTableBody">

<!-- Employee data will be appended here -->

</tbody>

</table>

</div>

<script>

let employees = [];

let currentId = 0;

document.getElementById('employeeForm').addEventListener('submit', function(event)

{

event.preventDefault();

const name = document.getElementById('name').value;

const email = document.getElementById('email').value;

const position = document.getElementById('position').value;

if (document.getElementById('employeeId').value)

{

// Update existing employee

const id = document.getElementById('employeeId').value;

employees[id] = { name, email, position };

document.getElementById('employeeId').value = '';

}

else

{

// Add new employee

employees.push({ name, email, position });

currentId++;

}

renderTable();

this.reset();

});

function renderTable()

{

const tableBody = document.getElementById('employeeTableBody');

tableBody.innerHTML = '';

employees.forEach((employee, index) =>

{

const row = `<tr>

<td>${index}</td>

<td>${employee.name}</td>

<td>${employee.email}</td>

<td>${employee.position}</td>

<td>

<button class="btn btn-warning btn-sm" onclick="editEmployee(${index})">Edit</button>

<button class="btn btn-danger btn-sm" onclick="deleteEmployee(${index})">Delete</button>

</td>

</tr>`;

tableBody.innerHTML += row;

});

}

function editEmployee(index)

{

const employee = employees[index];

document.getElementById('name').value = employee.name;

document.getElementById('email').value = employee.email;

document.getElementById('position').value = employee.position;

document.getElementById('employeeId').value = index;

}

function deleteEmployee(index)

{

employees.splice(index, 1);

renderTable();

}

</script>

</body>

</html>

A screenshot of a computer

Description automatically generated

**Q3. Create a web page bootstrap as mentioned. Divide the page into 2 parts top and bottom, then divide the bottom into 3 parts and design each top and bottom part using different input groups, input, badges and button groups. Make the design more attractive.**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Health and Wellness Fair - Government of [Your Area]</title>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"></script>

<style>

body {

background-color: #e9ecef;

font-family: 'Arial', sans-serif;

}

.section {

padding: 30px;

border-radius: 15px;

margin-bottom: 30px;

box-shadow: 0 4px 20px rgba(0, 0, 0, 0.1);

}

.top-section {

background-color: #28a745;

color: white;

}

.bottom-section {

background-color: #ffffff;

border: 1px solid #dee2e6;

}

.part {

padding: 15px;

border: 1px solid #dee2e6;

border-radius: 5px;

margin-bottom: 10px;

transition: transform 0.2s;

}

.part:hover {

transform: scale(1.02);

box-shadow: 0 4px 15px rgba(0, 0, 0, 0.2);

}

.badge {

margin-right: 5px;

}

.btn-group-vertical .btn {

margin-bottom: 10px;

}

#feedback {

height: 150px;

}

</style>

</head>

<body>

<div class="container mt-5">

<div class="section top-section text-center">

<h2>Join Us for the Annual Health and Wellness Fair</h2>

<p>Explore health resources, fitness activities, and wellness workshops for a healthier you!</p>

<div class="input-group mb-3">

<input type="text" class="form-control" placeholder="Enter details to search" aria-label="RSVP">

<div class="input-group-append">

<button class="btn btn-light" type="button">Search</button>

</div>

</div>

<span class="badge badge-light">Free Entry</span>

<span class="badge badge-light">Family Friendly</span>

</div>

<div class="section bottom-section">

<div class="row">

<div class="col-md-4 part">

<h4>Register Here</h4>

<form>

<div class="form-group">

<label for="name">Name:</label>

<input type="text" class="form-control" id="name" placeholder="Enter your name" required>

</div>

<div class="form-group">

<label for="age">Age:</label>

<input type="text" class="form-control" id="age" placeholder="Enter your age" required>

</div>

<div class="form-group">

<label for="email">Email:</label>

<input type="email" class="form-control" id="email" placeholder="Enter your email" required>

</div>

<button type="submit" class="btn btn-primary">Register</button>

</form>

</div>

<div class="col-md-4 part">

<h4>Feedback</h4>

<form>

<div class="form-group">

<label for="feedback">Your Feedback:</label>

<textarea class="form-control" id="feedback" rows="5" placeholder="Share your feedback" required></textarea>

</div>

<button type="submit" class="btn btn-success">Send Feedback</button>

</form>

</div>

<div class="col-md-4 part">

<h4>Quick Actions</h4>

<div class="btn-group-vertical">

<button type="button" class="btn btn-info">View Workshop Schedule</button>

<button type="button" class="btn btn-warning">Submit Health Query</button>

<button type="button" class="btn btn-danger">Report an Issue</button>

<button type="button" class="btn btn-secondary">Request Health Resources</button>

<button type="button" class="btn btn-primary">Join Fitness Challenge</button>

</div>

</div>

</div>

</div>

</div>

</body>

</html>

