<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Password Validation</title>

<!-- Bootstrap CSS -->

<link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">

<style>

    /\* Style for error messages \*/

    .error {

        color: red; /\* Set the text color to red \*/

        font-size: 0.9em; /\* Slightly smaller font size \*/

    }

</style>

</head>

<body>

<div class="container mt-5">

    <div class="card">

        <div class="card-header bg-primary text-white">

            <h3 class="mb-0">Registration Form</h3>

        </div>

        <div class="card-body" style="background-color: #02123070;">

            <form id="myForm" onsubmit="return validateForm()">

                <div class="form-group">

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

                    <input type="text" class="form-control" id="name" placeholder="Enter your name" onblur="validateName()" onfocus="checkPreviousInput()">

                    <span id="nameError" class="error"></span>

                </div>

                <div class="form-group">

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

                    <input type="email" class="form-control" id="email" placeholder="Enter your email" onblur="validateEmail()" onfocus="checkPreviousInput('name')">

                    <span id="emailError" class="error"></span>

                </div>

                <div class="form-group">

                    <label for="phoneNumber">Phone Number:</label>

                    <input type="text" class="form-control" id="phoneNumber" placeholder="Enter your phone number" onblur="validatePhoneNumber()" onfocus="checkPreviousInput('email')">

                    <span id="phoneNumberError" class="error"></span>

                </div>

                <div class="form-group">

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

                    <input type="password" class="form-control" id="password" placeholder="Enter your password" onblur="validatePassword()" onfocus="checkPreviousInput('phoneNumber')">

                    <span id="passwordError" class="error"></span>

                </div>

                <div class="form-group">

                    <label for="confirmPassword">Confirm Password:</label>

                    <input type="password" class="form-control" id="confirmPassword" placeholder="Confirm your password" onblur="validateConfirmPassword()" onfocus="checkPreviousInput('password')">

                    <span id="confirmPasswordError" class="error"></span>

                </div>

                <label for="course" style="color: rgba(14, 14, 14, 0.961);">Course:</label>

                <select id="course" name="course" class="form-control" onchange="updateBranches(); toggleSubmit()" onfocus="checkPreviousInput('checkbox')">

                    <option value="BE">BE</option>

                    <option value="Btech">Btech</option>

                </select>

                <span id="courseError" the="error"></span><br>

                <label for="branch" style="color: rgb(12, 12, 12);">Branch:</label>

                <select id="branch" name="branch" class="form-control" onchange="toggleSubmit()" onfocus="checkPreviousInput('course')">

                    <option value="">Select</option>

                    <!-- Options will be dynamically updated based on the selected course -->

                </select>

                <span id="branchError" class="error"></span><br>

                <div class="form-group">

                    <label>Gender:</label>

                    <div class="form-check">

                        <input class="form-check-input" type="radio" name="gender" id="male" value="male" onchange="toggleSubmit()" onfocus="checkPreviousInput('branch')">

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

                    </div>

                    <div class="form-check">

                        <input class="form-check-input" type="radio" name="gender" id="female" value="female" onchange="toggleSubmit()" onfocus="checkPreviousInput('branch')">

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

                    </div>

                    <span id="genderError" class="error"></span>

                </div>

                <div class="form-group">

                    <label for="country">Country:</label>

                    <select class="form-control" id="country" style="background-color: #ffffff;" onchange="toggleSubmit()" onfocus="checkPreviousInput('gender')">

                        <option value="">Select</option>

                        <option value="usa">USA</option>

                        <option value="uk">UK</option>

                        <option value="canada">Canada</option>

                        <option value="India">India</option>

                    </select>

                    <span id="countryError" class="error"></span>

                </div>

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

            </form>

        </div>

    </div>

    <div class="mt-4">

        <h4>Entered Information:</h4>

        <div style="float:left;">

            <table class="table">

                <thead>

                    <tr>

                        <th>Name</th>

                        <th>Email</th>

                        <th>Phone Number</th>

                        <th>Password</th> <!-- Consider removing or masking this -->

                        <th>Gender</th>

                        <th>Country</th>

                        <th>Course - Branch</th>

                    </tr>

                </thead>

                <tbody id="userData">

                </tbody>

            </table>

        </div>

    </div>

</div>

<!-- Bootstrap JS and jQuery (for Bootstrap) -->

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<!-- JavaScript for validation -->

<script>

function toggleSubmit() {

    var submitButton = document.getElementById('submitButton');

    var agreeCheckbox = document.getElementById('checkbox');

    // Enable submit button if the agreeCheckbox is checked

    if (agreeCheckbox.checked) {

        submitButton.disabled = false;

    } else {

        submitButton.disabled = true;

    }

}

function updateBranches() {

    var course = document.getElementById('course').value;

    var branchSelect = document.getElementById('branch');

    branchSelect.innerHTML = ''; // Clear existing options

    if (course === 'BE') {

        var branches = ['Civil', 'Computer Science', 'Electrical', 'Mechanical'];

    } else if (course === 'Btech') {

        var branches = ['Information Technology', 'Electronics & Communication'];

    }

    branches.forEach(function(branch) {

        var option = document.createElement('option');

        option.value = branch;

        option.textContent = branch;

        branchSelect.appendChild(option);

    });

}

function checkPreviousInput(previousId) {

    if (previousId) {

        var previousInput = document.getElementById(previousId);

        if (previousInput.value === '') {

            previousInput.focus();

        }

    }

}

function validateName() {

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

    var errorDiv = document.getElementById('nameError');

    if (name === '') {

        errorDiv.textContent = "Name is required!";

        return false;

    } else {

        errorDiv.textContent = "";

        return true;

    }

}

function validateEmail() {

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

    var errorDiv = document.getElementById('emailError');

    var emailPattern = /^[^ ]+@[^ ]+\.[a-z]{2,3}$/;

    if (!email.match(emailPattern)) {

        errorDiv.textContent = "Invalid email format!";

        return false;

    } else {

        errorDiv.textContent = "";

        return true;

    }

}

function validatePhoneNumber() {

    var phoneNumber = document.getElementById('phoneNumber').value;

    var errorDiv = document.getElementById('phoneNumberError');

    var phonePattern = /^[0-9]{10}$/;

    if (!phoneNumber.match(phonePattern)) {

        errorDiv.textContent = "Phone number must be 10 digits!";

        return false;

    } else {

        errorDiv.textContent = "";

        return true;

    }

}

function validatePassword() {

    var password = document.getElementById('password').value;

    var errorDiv = document.getElementById('passwordError');

    if (password.length < 8) {

        errorDiv.textContent = "Password must be at least 8 characters long!";

        return false;

    } else {

        errorDiv.textContent = "";

        return true;

    }

}

function validateConfirmPassword() {

    var password = document.getElementById('password').value;

    var confirmPassword = document.getElementById('confirmPassword').value;

    var errorDiv = document.getElementById('confirmPasswordError');

    if (confirmPassword !== password) {

        errorDiv.textContent = "Passwords do not match!";

        return false;

    } else {

        errorDiv.textContent = "";

        return true;

    }

}

function validateForm() {

    // Check all validation functions and only submit form if all return true

    if (!validateName() || !validateEmail() || !validatePhoneNumber() || !validatePassword() || !validateConfirmPassword()) {

        return false;

    }

    // Optionally, display submitted data or send it somewhere

    // Add user data to table for display

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

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

    var phoneNumber = document.getElementById('phoneNumber').value;

    var password = document.getElementById('password').value; // Consider not displaying this for security reasons

    var gender = document.querySelector('input[name="gender"]:checked').value;

    var country = document.getElementById('country').value;

    var course = document.getElementById('course').value;

    var branch = document.getElementById('branch').value;

    var newRow = document.createElement('tr');

    newRow.innerHTML = `<td>${name}</td><td>${email}</td><td>${phoneNumber}</td><td>${password}</td><td>${gender}</td><td>${country}</td><td>${course} - ${branch}</td>`;

    document.getElementById('userData').appendChild(newRow);

    return true; // Return true to allow form submission

}

</script>

</body>

</html>



