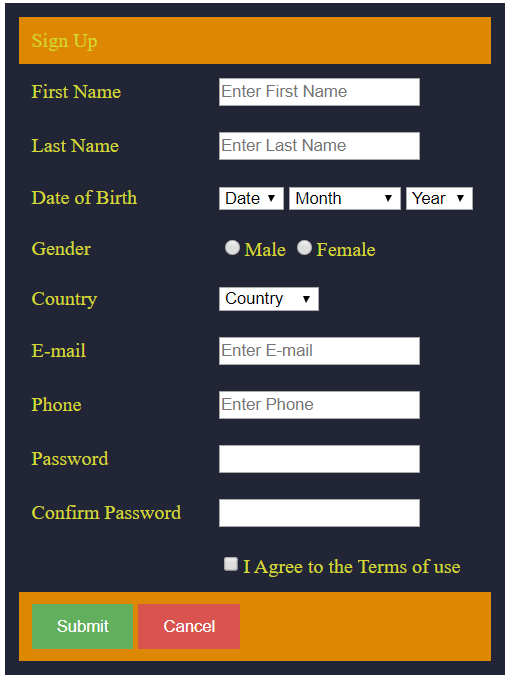
**JS – Validation**

****

1. Check all input boxes for empty values (If empty give an alert saying "Error: Input is empty!")
2. Validate Email address (The email address should consist of “@” and “.”)
3. Validate Phone number (All the characters should be numbers and length should be 10)
4. Validate password confirmation (Both Password and Confirm Password inputs should be equal)

<!DOCTYPE html>

<html>

<head>

<title>Assignment 5</title>

<style>

body {

margin: 0;

padding: 0;

font-family: Arial, sans-serif;

background-image: url("Back.jpg");

background-size: cover;

background-position: center;

}

.container {

display: flex;

flex-direction: column;

justify-content: center;

align-items: center;

height: 100vh;

}

form {

background: #222536;

}

table th {

color: #fff;

background: #de8704;

}

table th,

table td {

padding: 12px;

margin: 5px;

}

table td label {

color: #fffb00;

}

table .bottom {

background: #de8704;

}

table tr td input[type="submit"] {

background: #088608;

border: none;

color: #fff;

padding: 15px;

cursor: pointer;

}

table tr td input[type="reset"] {

padding: 15px;

color: #fff;

background: #cc145d;

border: none;

cursor: pointer;

}

</style>

</head>

<body>

<div class="container">

<form onsubmit="return validateForm()">

<table>

<tr>

<th colspan="3">Sign up</th>

</tr>

<tr>

<td><label for="ownerName">First Name</label></td>

<td>

<input

type="text"

id="ownerName"

name="ownerName"

placeholder="Enter First Name"

required

/>

</td>

</tr>

<tr>

<td><label for="email">Last Name</label></td>

<td>

<input

type="email"

id="email"

name="email"

placeholder="Enter Last Name"

required

/>

</td>

</tr>

<tr>

<td><label for="phoneNumber">Date of Birth</label></td>

<td>

<select id="day" name="day" required>

<option value="">Date</option>

<option value="1">1</option>

<option value="2">2</option>

<option value="3">3</option>

<option value="4">4</option>

</select>

<select id="month" name="month" required>

<option value="">Month</option>

<option value="January">January</option>

<option value="February">February</option>

<option value="March">March</option>

</select>

<select id="year" name="year" required>

<option value="">Year</option>

<option value="2023">2023</option>

<option value="2022">2022</option>

<option value="2021">2021</option>

</select>

</td>

</tr>

<tr>

<td><label>Gender</label></td>

<td>

<input

type="radio"

id="male"

name="gender"

value="male"

required

/><label for="male">Male</label>

<input

type="radio"

id="female"

name="gender"

value="female"

required

/><label for="female">Female</label><br />

</td>

</tr>

<tr>

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

<td>

<select id="country" name="country" required>

<option value="Sri Lanka">Sri Lanka</option>

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

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

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

</select>

</td>

</tr>

<tr>

<td><label for="emailInput">Email</label></td>

<td>

<input

type="email"

id="emailInput"

name="emailInput"

placeholder="Enter Email"

required

/>

</td>

</tr>

<tr>

<td><label for="phoneNumberInput">Phone</label></td>

<td>

<input

type="text"

id="phoneNumberInput"

name="phoneNumberInput"

placeholder="Enter Phone"

required

/>

</td>

</tr>

<tr>

<td><label for="passwordInput">Password</label></td>

<td>

<input

type="password"

id="passwordInput"

name="passwordInput"

required

/>

</td>

</tr>

<tr>

<td><label for="confirmPasswordInput">Confirm Password</label></td>

<td>

<input

type="password"

id="confirmPasswordInput"

name="confirmPasswordInput"

required

/>

</td>

</tr>

<tr>

<td></td>

<td>

<input type="checkbox" id="termsCheckbox" value="text" required />

<label for="termsCheckbox">I agree to the terms of use</label>

</td>

</tr>

<tr>

<td class="bottom" colspan="2">

<input type="submit" />

<input type="reset" />

</td>

</tr>

</table>

</form>

</div>

<script>

function validateForm() {

// Check all input boxes for empty values

const inputs = document.getElementsByTagName("input");

for (const input of inputs) {

if (input.type !== "checkbox" && input.value.trim() === "") {

alert("Error: Input is empty!");

return false;

}

}

// Validate Email address (The email address should consist of "@" and ".")

const emailInput = document.getElementById("emailInput").value;

if (!emailInput.includes("@") || !emailInput.includes(".")) {

alert("Error: Invalid Email address!");

return false;

}

// Validate Phone number (All the characters should be numbers and length should be 10)

const phoneNumberInput =

document.getElementById("phoneNumberInput").value;

if (!/^\d{10}$/.test(phoneNumberInput)) {

alert(

"Error: Invalid Phone number! Phone number should be 10 digits."

);

return false;

}

// Validate password confirmation (Both Password and Confirm Password inputs should be equal)

const passwordInput = document.getElementById("passwordInput").value;

const confirmPasswordInput = document.getElementById(

"confirmPasswordInput"

).value;

if (passwordInput !== confirmPasswordInput) {

alert("Error: Password and Confirm Password do not match!");

return false;

}

return true;

}

</script>

</body>

</html>