Experiment 2

<!DOCTYPE html>

<html>

<head>

<title>Registration Validation</title>

</head>

<body>

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

First Name: <input type="text" id="firstName"><br>

Last Name: <input type="text" id="lastName"><br>

Password: <input type="password" id="password"><br>

Email: <input type="text" id="email"><br>

Mobile Number: <input type="text" id="mobile"><br>

Address: <input type="text" id="address"><br>

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

</form>

<script>

function validateForm() {

const firstName = document.getElementById("firstName").value.trim();

const lastName = document.getElementById("lastName").value.trim();

const password = document.getElementById("password").value.trim();

const email = document.getElementById("email").value.trim();

const mobile = document.getElementById("mobile").value.trim();

const address = document.getElementById("address").value.trim();

// First Name: alphabets only, min 6 chars

const nameRegex = /^[A-Za-z]{6,}$/;

if (!nameRegex.test(firstName)) {

alert("First Name should contain only alphabets and be at least 6 characters long.");

return false;

}

// Last Name: not empty

if (lastName === "") {

alert("Last Name should not be empty.");

return false;

}

// Password: at least 6 characters

if (password.length < 6) {

alert("Password must be at least 6 characters long.");

return false;

}

// Email: standard pattern

const emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;

if (!emailRegex.test(email)) {

alert("Please enter a valid email address (e.g., name@domain.com).");

return false;

}

// Mobile Number: exactly 10 digits

const mobileRegex = /^\d{10}$/;

if (!mobileRegex.test(mobile)) {

alert("Mobile number must be exactly 10 digits.");

return false;

}

// Address: not empty

if (address === "") {

alert("Address should not be empty.");

return false;

}

alert("Form submitted successfully!");

return true;

}

</script>

</body>

</html>