

JAVASCRIPT FORM VALIDATION PROJECT

HTML (index.html):

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <link rel="stylesheet" href="styles.css">

  <title>Form Validation</title>

</head>

<body>

  <div class="container">

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

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

      <input type="text" id="fullName" name="fullName" required>

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

      <input type="email" id="email" name="email" required>

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

      <input type="tel" id="phoneNumber" name="phoneNumber" required>

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

      <input type="password" id="password" name="password" required>

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

      <input type="password" id="confirmPassword" name="confirmPassword" required>

      <button type="submit">Submit</button>
```

```
</form>

<div id="errorMessage"></div>

</div>


<script src="script.js"></script>

</body>

</html>
```

CSS (styles.css):

```
body {
  font-family: 'Arial', sans-serif;
  display: flex;
  align-items: center;
  justify-content: center;
  height: 100vh;
  margin: 0;
}
```

```
.container {
  width: 400px;
  padding: 20px;
  border: 1px solid #ccc;
  border-radius: 5px;
}
```

```
label {
  display: block;
  margin-bottom: 8px;
}
```

```
input {
  width: 100%;
```

```
padding: 8px;
margin-bottom: 16px;
}
```

```
button {
  background-color: #4CAF50;
  color: white;
  padding: 10px 15px;
  border: none;
  border-radius: 5px;
  cursor: pointer;
}
```

```
button:hover {
  background-color: #45a049;
}
```

JavaScript (script.js):

```
// Function to validate form on submit
```

```
function validateForm(event) {
  event.preventDefault(); // Prevent the default form submission behavior
```

```
  // Fetching input values
```

```
  const fullName = document.getElementById('fullName').value;
```

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

```
  const phoneNumber = document.getElementById('phoneNumber').value;
```

```
  const password = document.getElementById('password').value;
```

```
  const confirmPassword = document.getElementById('confirmPassword').value;
```

```
  // Array to store error messages
```

```
  const errors = [];
```

```

// Validation criteria
if (fullName.length < 5) {
    errors.push('Name must be at least 5 characters');
}

if (!email.includes('@')) {
    errors.push('Enter a valid email');
}

if (phoneNumber.length !== 10 || phoneNumber === '123456789') {
    errors.push('Enter a valid 10-digit phone number');
}

if (password.length < 8 || password.toLowerCase() === 'password' || password.toLowerCase() ===
fullName.toLowerCase()) {
    errors.push('Password should be at least 8 characters and not be "password" or user\'s name');
}

if (password !== confirmPassword) {
    errors.push('Passwords do not match');
}

// Display errors or submit the form
const errorMessages = document.getElementById('errorMessages');
if (errors.length > 0) {
    errorMessages.innerHTML = '<p>Error:</p><ul><li>' + errors.join('</li><li>') + '</li></ul>';
} else {
    errorMessages.innerHTML = ''; // Clear previous error messages
    alert('Form submitted successfully!');
    // You can add additional logic to submit the form to the server here
}
}

```