

```
<!DOCTYPE html>

<html >

<head>

  <meta charset="UTF-8" />

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

  <title>Interactive Form Validation</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      background: #f4f4f4;

      padding: 20px;

    }

    form {

      background: #fff;

      padding: 20px;

      max-width: 400px;

      margin: auto;

      border-radius: 5px;

      box-shadow: 0 0 10px rgba(0,0,0,0.1);

    }

    input {

      display: block;

      width: 100%;

      padding: 10px;

      margin-bottom: 15px;

      border: 1px solid #ccc;

      border-radius: 4px;

    }
```

```
.error {
  color: red;
  font-size: 0.9em;
  margin-top: -10px;
  margin-bottom: 10px;
}

.success {
  color: green;
  font-weight: bold;
}

</style>
</head>
<body>

<form id="registrationForm">
  <h2>Register</h2>
  <input type="text" id="name" placeholder="Name" />
  <div class="error" id="nameError"></div>

  <input type="email" id="email" placeholder="Email" />
  <div class="error" id="emailError"></div>

  <input type="password" id="password" placeholder="Password" />
  <div class="error" id="passwordError"></div>

  <input type="password" id="confirmPassword" placeholder="Confirm Password" />
  <div class="error" id="confirmPasswordError"></div>
```

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

<div id="successMessage" class="success"></div>

</form>

<script>

const form = document.getElementById("registrationForm");

form.addEventListener("submit", function(event) {
  event.preventDefault(); // prevent form submission

  // Clear previous errors
  document.getElementById("nameError").textContent = "";
  document.getElementById("emailError").textContent = "";
  document.getElementById("passwordError").textContent = "";
  document.getElementById("confirmPasswordError").textContent = "";
  document.getElementById("successMessage").textContent = "";

  let name = document.getElementById("name").value.trim();
  let email = document.getElementById("email").value.trim();
  let password = document.getElementById("password").value;
  let confirmPassword = document.getElementById("confirmPassword").value;

  let isValid = true;

  if (name === "") {
    document.getElementById("nameError").textContent = "Name is required.";
    isValid = false;
  }
}
```

```
if (email === "") {  
    document.getElementById("emailError").textContent = "Email is required.";   
    isValid = false;  
} else if (!/^\\S+@\\S+\\.\\S+$/ .test(email)) {  
    document.getElementById("emailError").textContent = "Email is invalid.";   
    isValid = false;  
}  
  
if (password.length < 6) {  
    document.getElementById("passwordError").textContent = "Password must be at  
least 6 characters.";   
    isValid = false;  
}  
  
if (confirmPassword !== password) {  
    document.getElementById("confirmPasswordError").textContent = "Passwords do  
not match.";   
    isValid = false;  
}  
  
if (isValid) {  
    document.getElementById("successMessage").textContent = "Form submitted  
successfully!";   
    form.reset();  
}  
});  
</script>
```

</body>

</html>