

**CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY**  
**DEVANG PATEL INSTITUTE OF ADVANCE TECHNOLOGY &**  
**RESEARCH**

**Department of Computer Engineering**

**Subject Name: Web Development Framework**

**Semester: III**

**Subject Code: ITEU204**

**Academic year: 2025-26 [ODD]**

## Practical File

No.	Aim of the Practical
1.	<p>Create a user registration page with frontend validation using HTML5 and JavaScript.</p> <p><b><u>PROGRAM CODE (Times New Roman:14) :</u></b></p> <p><b><u>SIGNUP&amp;LOGIN.HTML:</u></b></p> <pre> &lt;!DOCTYPE html&gt; &lt;html lang="en"&gt; &lt;head&gt;   &lt;meta charset="UTF-8"&gt;   &lt;title&gt;CarInfoZone - Sign Up / Login&lt;/title&gt;   &lt;style&gt;     body {       font-family: 'Segoe UI', Tahoma, sans-serif;       margin: 0;       padding: 0;       background: #f1f4f8;       color: #333;     }     header {       background: #004aad;       color: white;       padding: 30px;       text-align: center;     }           </pre>

```
nav {
  background: #003c8f;
  padding: 15px;
  text-align: center;
}

nav a {
  color: white;
  text-decoration: none;
  margin: 0 15px;
  font-weight: bold;
}

nav a:hover {
  color: #ffcc00;
}

main {
  max-width: 500px;
  margin: 40px auto;
  background: white;
  padding: 30px;
  border-radius: 10px;
  box-shadow: 0 0 10px rgba(0,0,0,0.1);
}

h2 {
  color: #003c8f;
  text-align: center;
  margin-bottom: 30px;
}
```

```
form {
  display: flex;
  flex-direction: column;
  gap: 20px;
}

label {
  font-weight: bold;
}

input {
  padding: 12px;
  font-size: 16px;
  border-radius: 6px;
  border: 1px solid #ccc;
  width: 100%;
}

button {
  background: #004aad;
  color: white;
  padding: 12px;
  border: none;
  border-radius: 6px;
  font-size: 16px;
  cursor: pointer;
}

button:hover {
  background: #00337a;
}

.error {
  color: red;
  font-size: 14px;
}
```

```
.toggle-btn {  
  background: none;  
  border: none;  
  color: #004aad;  
  cursor: pointer;  
  text-decoration: underline;  
  font-size: 14px;  
}
```

```
footer {  
  text-align: center;  
  padding: 20px;  
  background: #003c8f;  
  color: white;  
  font-size: 14px;  
}
```

```
</style>
</head>
<body>

  <header>
    <h1>CarInfoZone</h1>
    <p>Welcome! Please Sign Up or Login</p>
  </header>

  <nav>
    <a href="page1.html">Home</a>
    <a href="page10.html">Contact</a>
    <a href="#" onclick="toggleForms()">Login</a>
  </nav>

  <main>
    <div id="signupSection">
      <h2>Create Account</h2>
      <form id="signupForm">
        <label for="fullname">Full Name</label>
        <input type="text" id="fullname" name="fullname" required>

        <label for="birthdate">Birthdate</label>
        <input type="date" id="birthdate" name="birthdate" required>

        <label for="email">Email Address</label>
        <input type="email" id="email" name="email" 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>

        <p class="error" id="errorMsg"></p>
      </form>
    </div>
  </main>
</body>
</html>
```

```
<p class="error" id="errorMsg"></p>

<button type="submit">Sign Up</button>
<button type="button" class="toggle-btn" onclick="toggleForms()">Already have an account? Login</button>
</form>
</div>

<div id="loginSection" style="display: none;">
  <h2>Login</h2>
  <form id="loginForm">
    <label for="loginEmail">Email Address</label>
    <input type="email" id="loginEmail" name="loginEmail" required>

    <label for="loginPassword">Password</label>
    <input type="password" id="loginPassword" name="loginPassword" required>

    <p class="error" id="loginErrorMsg"></p>

    <button type="submit">Login</button>
    <button type="button" class="toggle-btn" onclick="toggleForms()">Don't have an account? Sign Up</button>
  </form>
</div>
</main>

<footer>
  &copy; 2025 CarInfoZone – All rights reserved.
</footer>
```

```
<script>
function toggleForms() {
  const signupSection = document.getElementById("signupSection");
  const loginSection = document.getElementById("loginSection");
  signupSection.style.display = signupSection.style.display === "none" ? "block" : "none";
  loginSection.style.display = loginSection.style.display === "none" ? "block" : "none";
}

// Sign Up Logic
document.getElementById("signupForm").addEventListener("submit", function (e) {
  e.preventDefault();
  const password = document.getElementById("password").value;
  const confirmPassword = document.getElementById("confirmPassword").value;
  const errorMsg = document.getElementById("errorMsg");

  if (password.length < 6) {
    errorMsg.textContent = "Password must be at least 6 characters.";
    return;
  }

  if (password !== confirmPassword) {
    errorMsg.textContent = "Passwords do not match.";
    return;
  }

  errorMsg.textContent = "";
  alert("Account created successfully!");
});
```

```
// Dummy Login Logic
document.getElementById("loginForm").addEventListener("submit", function (e) {
  e.preventDefault();
  const email = document.getElementById("loginEmail").value;
  const password = document.getElementById("loginPassword").value;
  const errorMsg = document.getElementById("loginErrorMsg");

  // Demo credentials
  if (email === "demo@example.com" && password === "password123") {
    errorMsg.textContent = "";
    alert("Login successful!");
  } else {
    errorMsg.textContent = "Invalid email or password.";
  }
});
</script>
</body>
</html>
```

**Output:**

# Welcome to AUTOWORLD

Find Your Perfect Ride – All the Details You Need in One Place

[Home](#) [All Cars](#) [Car Detail](#) [By Brand](#) [By Type](#) [Compare](#) [Reviews](#) [Buying Guide](#) [Upcoming](#) [Login](#)

## Login Here to Be in Contact With Us

Full Name:

dhruv

Email Address:

sutariya



Please include an '@' in the email address. 'sutariya' is missing an '@'.

....

Phone Number:

2248565656

Address:

AT&post changa


Login



## Login

Email Address

wssdwdc

Pa:  Please include an '@' in the email address. 'wssdwdc' is missing an '@'.

..

Login

[Don't have an account? Sign Up](#)