



**Web-based Interface Design
(CSF3133)**

LAB REPORT

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LAB 7 EXERCISE

Code

1. html

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <meta charset="UTF-8">
5  |   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6  |   <title>Online Store</title>
7  |   <link rel="stylesheet" href="exercise.css">
8  </head>
9  <body>
10 |
11 |   <div id="home"></div>
12 |
13 |   <!-- Transparent Image Text (Hero Section) -->
14 |   <div class="image-container">
15 |     <div class="overlay-text">Welcome to Aqil Clothing Store</div>
16 |     <div class="slide fade">
17 |       
18 |     </div>
19 |     <div class="slide fade">
20 |       
21 |     </div>
22 |     <div class="slide fade">
23 |       
24 |     </div>
25 |   </div>
```

```
27 <!-- Login/Sign-up Form Overlay -->
28 <div class="form-overlay">
29 |   <div class="form-container" id="login-form">
30 |     <button class="close-btn" onclick="closeForm()">✕</button>
31 |     <h2>Login to Your Account</h2>
32 |     <form action="#" method="POST" id="login">
33 |       <label for="email">Email</label>
34 |       <input type="email" id="email" name="email" required placeholder="Enter your email" oninput="validateEmail()">
35 |
36 |       <label for="password">Password</label>
37 |       <input type="password" id="password" name="password" required placeholder="Enter your password" oninput="validatePassword()">
38 |
39 |       <button type="submit">Login</button>
40 |       <p>Don't have an account? <a href="javascript:void(0)" onclick="toggleForms()">Sign up here</a></p>
41 |     </form>
42 |   </div>
43 |
44 |   <div class="form-container" id="signup-form" style="display: none;">
45 |     <button class="close-btn" onclick="closeForm()">✕</button>
46 |     <h2>Sign Up for a New Account</h2>
47 |     <form action="#" method="POST" id="signup">
48 |       <label for="name">Full Name</label>
49 |       <input type="text" id="name" name="name" required placeholder="Enter your full name">
50 |
51 |       <label for="signup-email">Email</label>
52 |       <input type="email" id="signup-email" name="email" required placeholder="Enter your email" oninput="validateSignupEmail()">
53 |
54 |       <label for="signup-password">Password</label>
55 |       <input type="password" id="signup-password" name="password" required placeholder="Enter your password" oninput="validateSignupPas">
56 |
57 |       <button type="submit">Sign Up</button>
58 |       <p>Already have an account? <a href="javascript:void(0)" onclick="toggleForms()">Login here</a></p>
59 |     </form>
```

```

63 <!-- Header Section -->
64 <header>
65   <div class="logo">
66     <h1>My Online Store</h1>
67   </div>
68   <div class="search-bar">
69     <input type="text" placeholder="Search for products...">
70   </div>
71   <div class="cart">
72     <button>Cart (0)</button>
73   </div>
74 </header>
75
76 <!-- Side Navigation -->
77 <div class="side-nav">
78   <a href="#men">Men</a>
79   <a href="#women">Women</a>
80   <a href="#kid">Kid</a>
81   <a href="#home">Home</a> <!-- This will scroll to the top -->
82 </div>
83
84 <!-- Main Content -->
85 <div class="main-content">

```

```

87 <!-- Men Section -->
88 <section id="men" class="product-section">
89   <h2>Men's Collection</h2>
90   <div class="product-container">
91     <div class="product-card" data-category="men">
92       
93       <h3>Men's Product 1</h3>
94       <p>$100</p>
95       <button class="add-to-cart">Add to Cart</button>
96     </div>
97     <div class="product-card" data-category="men">
98       
99       <h3>Men's Product 2</h3>
100      <p>$120</p>
101      <button class="add-to-cart">Add to Cart</button>
102    </div>
103    <div class="product-card" data-category="men">
104      
105      <h3>Men's Product 3</h3>
106      <p>$140</p>
107      <button class="add-to-cart">Add to Cart</button>
108    </div>
109    <div class="product-card" data-category="men">
110      
111      <h3>Men's Product 4</h3>
112      <p>$150</p>
113      <button class="add-to-cart">Add to Cart</button>
114    </div>
115    <div class="product-card" data-category="men">
116      
117      <h3>Men's Product 5</h3>
118      <p>$220</p>

```

```
124 <!-- Women Section -->
125 <section id="women" class="product-section">
126   <h2>Women's Collection</h2>
127   <div class="product-container">
128     <div class="product-card" data-category="women">
129       
130       <h3>Women's Product 1</h3>
131       <p>$80</p>
132       <button class="add-to-cart">Add to Cart</button>
133     </div>
134     <div class="product-card" data-category="women">
135       
136       <h3>Women's Product 2</h3>
137       <p>$90</p>
138       <button class="add-to-cart">Add to Cart</button>
139     </div>
140     <div class="product-card" data-category="women">
141       
142       <h3>Women's Product 3</h3>
143       <p>$120</p>
144       <button class="add-to-cart">Add to Cart</button>
145     </div>
146     <div class="product-card" data-category="women">
147       
148       <h3>Women's Product 4</h3>
149       <p>$130</p>
150       <button class="add-to-cart">Add to Cart</button>
151     </div>
152     <div class="product-card" data-category="women">
153       
154       <h3>Women's Product 5</h3>
155       <p>$180</p>
```

```

160 <!-- Kid Section -->
161 <section id="kid" class="product-section">
162   <h2>Kid's Collection</h2>
163   <div class="product-container">
164     <div class="product-card" data-category="kid">
165       
166       <h3>Kid's Product 1</h3>
167       <p>$50</p>
168       <button class="add-to-cart">Add to Cart</button>
169     </div>
170     <div class="product-card" data-category="kid">
171       
172       <h3>Kid's Product 2</h3>
173       <p>$60</p>
174       <button class="add-to-cart">Add to Cart</button>
175     </div>
176     <div class="product-card" data-category="kid">
177       
178       <h3>Kid's Product 3</h3>
179       <p>$70</p>
180       <button class="add-to-cart">Add to Cart</button>
181     </div>
182     <div class="product-card" data-category="kid">
183       
184       <h3>Kid's Product 4</h3>
185       <p>$80</p>
186       <button class="add-to-cart">Add to Cart</button>
187     </div>
188     <div class="product-card" data-category="kid">
189       
190       <h3>Kid's Product 5</h3>
191       <p>$90</p>

```

```

192       <button class="add-to-cart">Add to Cart</button>
193     </div>
194   </div>
195 </section>
196 </div>
197 <!-- Profile Card Section -->
198 <section id="profile-card" class="profile-card-section">
199   <h2>Meet Our Founder</h2>
200   <div class="profile-card">
201     
202     <div class="profile-details">
203       <h3>John Doe</h3>
204       <p>A passionate entrepreneur, John founded Aqil Clothing Store with a vision to provide fashionable and affordable clothing for everyone.
205     </div>
206     <div class="social-media">
207       <!-- Social Media Images -->
208       <a href="https://facebook.com" target="_blank" class="social-icon">
209         
210       </a>
211       <a href="https://twitter.com" target="_blank" class="social-icon">
212         
213       </a>
214       <a href="https://instagram.com" target="_blank" class="social-icon">
215         
216       </a>
217     </div>
218   </div>
219 </section>
220

```

```

222 <!-- Business Progress Bar Section -->
223 <section id="business-progress" class="business-progress-section">
224   <h2>Business Progress</h2>
225   <p>Sales Target Completion</p>
226   <div class="progress-container">
227     <div class="progress-bar" id="business-progress-bar"></div>
228   </div>
229   <p id="progress-percentage">0%</p>
230 </section>
231
232 <!-- Collapsible Section (Example: FAQs) -->
233 <section id="collapsible-section">
234   <h2>FAQs</h2>
235   <button class="collapsible">Show FAQs</button>
236   <div class="collapsible-content">
237     <p><strong>Q: What is Aqil Clothing Store?</strong></p>
238     <p>Aqil Clothing Store is a fashion brand offering a wide range of clothing and accessories for all ages.</p>
239     <p><strong>Q: How can I make a purchase?</strong></p>
240     <p>You can browse our collections, add products to your cart, and proceed to checkout securely.</p>
241     <p><strong>Q: Do you offer international shipping?</strong></p>
242     <p>Yes, we offer shipping to various countries worldwide. Shipping fees and delivery times vary depending on location.</p>
243   </div>
244 </section>

```

```

246 <!-- Footer Section -->
247 <footer>
248   <div class="footer-links">
249     <a href="#">About Us</a>
250     <a href="#">Contact</a>
251     <a href="#">Privacy Policy</a>
252   </div>
253 </footer>
254
255 <script src="Exercise.js"></script>
256 </body>
257 </html>
258

```

2. css

```
1  /* General Reset */
2  * {
3      margin: 0;
4      padding: 0;
5      box-sizing: border-box;
6  }
7
8  /* Form Overlay Styles */
9  .form-overlay {
10     position: fixed;
11     top: 0;
12     left: 0;
13     width: 100%;
14     height: 100%;
15     background-color: rgba(0, 0, 0, 0.5);
16     display: flex;
17     justify-content: center;
18     align-items: center;
19     z-index: 20;
20 }
21
22 .form-container {
23     background-color: white;
24     padding: 30px;
25     border-radius: 10px;
26     box-shadow: 0px 4px 6px rgba(0, 0, 0, 0.2);
27     text-align: center;
28     width: 100%;
29     max-width: 400px;
30     position: relative;
31 }
```

```
32
33 .form-container h2 {
34     font-size: 24px;
35     margin-bottom: 20px;
36     color: #333;
37 }
38
39 .form-container input {
40     width: 100%;
41     padding: 10px;
42     margin: 10px 0;
43     border-radius: 5px;
44     border: 1px solid #ccc;
45     font-size: 16px;
46 }
47
48 .form-container button {
49     color: rgb(12, 12, 12);
50     padding: 12px;
51     border: none;
52     width: 100%;
53     border-radius: 5px;
54     cursor: pointer;
55     font-size: 16px;
56     transition: background-color 0.3s ease;
57 }
```

```
59  /* Close Button Styles */
60  .form-container .close-btn {
61      position: absolute;
62      top: 5px;
63      right: 5px;
64      background: none;
65      border: none;
66      font-size: 18px;
67      color: #000000;
68      cursor: pointer;
69      padding: 5px;
70      width: 60px;
71      height: 60px;
72      text-align: center;
73      line-height: 25px;
74      border-radius: 50%;
75      transition: background-color 0.3s ease;
76  }
77
78  .form-container .close-btn:hover {
79      background-color: rgba(0, 0, 0, 0.2);
80  }
```

```
82  /* Real-time Validation Feedback */
83  .input-error {
84      border-color: red;
85      background-color: #f8d7da;
86  }
87
88  .input-error:focus {
89      border-color: red;
90      background-color: #f8d7da;
91  }
92
93  /* Overlay Background Styles */
94  .form-overlay {
95      animation: fadeIn 0.3s ease-in-out;
96  }
97
98  @keyframes fadeIn {
99      0% { opacity: 0; }
100     100% { opacity: 1; }
101 }
```



```

103  /* Header Styles */
104  header {
105      display: flex;
106      justify-content: space-between;
107      padding: 20px;
108      background-color: #333;
109      color: white;
110  }
111
112  header .logo h1 {
113      font-size: 24px;
114  }
115
116  header .search-bar input {
117      padding: 10px;
118      font-size: 16px;
119      width: 300px;
120  }
121
122  header .cart button {
123      padding: 10px;
124      background-color: #28a745;
125      color: white;
126      border: none;
127      cursor: pointer;
128  }
129
130  header .cart button:hover {
131      background-color: #218838;
132  }

```

```

134  /* Transparent Image Text (Hero Section) */
135  .image-container {
136      position: relative;
137      width: 100%;
138      height: 300px;
139      overflow: hidden;
140  }
141
142  .slide {
143      display: none;
144      width: 100%;
145      height: 150%;
146  }
147
148  .slide img {
149      width: 100%;
150      height: 150%;
151      object-fit: cover;
152  }
153
154  .overlay-text {
155      position: absolute;
156      top: 50%;
157      left: 50%;
158      transform: translate(-50%, -50%);
159      background-color: rgba(255, 3, 3, 0.788);
160      color: white;
161      padding: 10px 20px;
162      font-size: 24px;
163      text-align: center;
164      z-index: 10;
165  }

```

```

167  /* Fade-in effect for slides */
168  .fade {
169      animation: fadeEffect 2s ease-in-out;
170  }
171
172  @keyframes fadeEffect {
173      0% { opacity: 0; }
174      50% { opacity: 1; }
175      100% { opacity: 0; }
176  }
177
178  /* Side Navigation */
179  .side-nav {
180      position: fixed;
181      top: 50%;
182      left: 0;
183      transform: translateY(-50%);
184      width: 200px;
185      background-color: #333;
186      padding: 10px;
187  }
188
189  .side-nav a {
190      display: block;
191      color: white;
192      text-decoration: none;
193      padding: 10px;
194      margin-bottom: 10px;
195      background-color: #444;
196      text-align: center;
197      border-radius: 5px;
198  }

```

```

200  .side-nav a:hover {
201      background-color: #555;
202  }
203
204  .product-container {
205      margin-left: 220px;
206      display: flex;
207      flex-wrap: wrap;
208      gap: 20px;
209      padding: 20px;
210  }
211
212  .product-card {
213      width: 200px;
214      padding: 10px;
215      border: 1px solid #ddd;
216      border-radius: 10px;
217      text-align: center;
218      overflow: hidden;
219  }
220
221  .product-card img {
222      width: 100%;
223      height: 200px;
224      object-fit: cover;
225  }
226
227  .product-card h3 {
228      margin: 10px 0;
229  }

```

```

231 .product-card .add-to-cart {
232     background-color: #28a745;
233     color: white;
234     padding: 10px;
235     border: none;
236     cursor: pointer;
237     width: 100%;
238 }
239
240 .product-card .add-to-cart:hover {
241     background-color: #218838;
242 }
243
244 footer {
245     padding: 20px;
246     background-color: #333;
247     color: white;
248     text-align: center;
249 }
250
251 footer .footer-links a {
252     color: white;
253     text-decoration: none;
254     margin: 5px;
255 }

```

```

257 /* Smooth Scrolling */
258 html {
259     scroll-behavior: smooth;
260 }
261
262 /* Media Queries */
263 @media (max-width: 768px) {
264     .side-nav {
265         display: none;
266     }
267
268     .product-container {
269         margin-left: 0;
270         flex-direction: column;
271     }
272 }
273
274 /* Profile Card Styling */
275 .profile-card-section {
276     padding: 40px;
277     text-align: center;
278 }
279
280 .profile-card {
281     display: flex;
282     align-items: center;
283     justify-content: center;
284     border: 1px solid #ccc;
285     padding: 20px;
286     margin-top: 30px;
287     border-radius: 10px;
288     box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
289 }

```

```

290
291 .profile-img {
292     width: 120px;
293     height: 120px;
294     border-radius: 50%;
295     margin-right: 20px;
296 }
297
298 .profile-details {
299     text-align: left;
300 }
301
302 .profile-details h3 {
303     font-size: 1.5em;
304     margin: 10px 0;
305 }
306
307 .profile-details p {
308     font-size: 1em;
309     color: #555;
310 }
311
312 .social-media {
313     margin-top: 10px;
314 }
315
316 .social-icon {
317     margin: 0 10px;
318     display: inline-block;
319 }
320
321 .social-icon img {
322     width: 30px;
323     height: 30px;
324     transition: transform 0.3s ease;
325 }

```

```

327 .social-icon img:hover {
328     transform: scale(1.2);
329 }
330
331 /* Business Progress Bar Styling */
332 .business-progress-section {
333     padding: 20px;
334     text-align: center;
335     margin-top: 40px;
336 }
337
338 .progress-container {
339     width: 100%;
340     background-color: #f3f3f3;
341     border-radius: 25px;
342     height: 30px;
343     box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
344     margin-top: 20px;
345 }
346
347 .progress-bar {
348     height: 100%;
349     width: 0%;
350     background-color: #4caf50;
351     border-radius: 25px;
352     text-align: center;
353     line-height: 30px;
354     color: white;
355     font-weight: bold;
356     transition: width 0.5s ease;
357 }

```

```
359 #progress-percentage {
360     font-size: 18px;
361     font-weight: bold;
362     margin-top: 10px;
363 }
364
365 /* Collapsible Section Styles */
366 #collapsible-section {
367     padding: 20px;
368     background-color: #f9f9f9;
369     margin-top: 40px;
370     border-radius: 10px;
371 }
372
373 button.collapsible {
374     background-color: #4CAF50;
375     color: white;
376     padding: 10px;
377     width: 100%;
378     border: none;
379     text-align: left;
380     font-size: 18px;
381     cursor: pointer;
382     border-radius: 5px;
383     transition: background-color 0.3s;
384 }
385
386 button.collapsible:hover {
387     background-color: #45a049;
388 }
```

```
390 .collapsible-content {
391     padding: 10px;
392     display: none;
393     background-color: #f1f1f1;
394     border-radius: 5px;
395     margin-top: 10px;
396 }
397
398 .collapsible-content p {
399     margin: 10px 0;
400 }
401
```

3. Javascript

```
1 // Automatic Slideshow for Hero Section
2 let slideIndex = 0;
3 showSlides();
4
5 function showSlides() {
6   let slides = document.getElementsByClassName("slide");
7   for (let i = 0; i < slides.length; i++) {
8     slides[i].style.display = "none";
9   }
10  slideIndex++;
11  if (slideIndex > slides.length) { slideIndex = 1 }
12  slides[slideIndex-1].style.display = "block";
13  setTimeout(showSlides, 4000);
14 }
15
16 // Close the form overlay
17 function closeForm() {
18   document.querySelector('.form-overlay').style.display = 'none';
19 }
20
21 // Email Validation (Real-time) for Login
22 function validateEmail() {
23   const email = document.getElementById('email');
24   const regex = /^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}$/;
25   const errorMessage = document.getElementById('email-error');
26
27   if (!regex.test(email.value)) {
28     email.classList.add('input-error');
29     if (!errorMessage) {
30       const errorMsg = document.createElement('span');
31       errorMsg.id = 'email-error';
32       errorMsg.style.color = 'red';
33       errorMsg.textContent = 'Please enter a valid email address.';
34       email.parentElement.appendChild(errorMsg);
35     }
36   } else {
37     email.classList.remove('input-error');
38     if (errorMessage) {
39       errorMessage.remove();
40     }
41   }
42 }
43
44 // Password Validation (Minimum 6 characters) for Login
45 function validatePassword() {
46   const password = document.getElementById('password');
47   const errorMessage = document.getElementById('password-error');
48
49   if (password.value.length < 6) {
50     password.classList.add('input-error');
51     if (!errorMessage) {
52       const errorMsg = document.createElement('span');
53       errorMsg.id = 'password-error';
54       errorMsg.style.color = 'red';
55       errorMsg.textContent = 'Password must be at least 6 characters long.';
56       password.parentElement.appendChild(errorMsg);
57     }
58   } else {
59     password.classList.remove('input-error');
60     if (errorMessage) {
61       errorMessage.remove();
62     }
63   }
64 }
```

```

66 // Email Validation (Real-time) for Sign-up
67 function validateSignupEmail() {
68     const email = document.getElementById('signup-email');
69     const regex = /^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}$/;
70     const errorMessage = document.getElementById('signup-email-error');
71
72     if (!regex.test(email.value)) {
73         email.classList.add('input-error');
74         if (!errorMessage) {
75             const errorMsg = document.createElement('span');
76             errorMsg.id = 'signup-email-error';
77             errorMsg.style.color = 'red';
78             errorMsg.textContent = 'Please enter a valid email address.';
79             email.parentElement.appendChild(errorMsg);
80         }
81     } else {
82         email.classList.remove('input-error');
83         if (errorMessage) {
84             errorMessage.remove();
85         }
86     }
87 }

```

```

89 // Password Validation (Minimum 6 characters) for Sign-up
90 function validateSignupPassword() {
91     const password = document.getElementById('signup-password');
92     const errorMessage = document.getElementById('signup-password-error');
93
94     if (password.value.length < 6) {
95         password.classList.add('input-error');
96         if (!errorMessage) {
97             const errorMsg = document.createElement('span');
98             errorMsg.id = 'signup-password-error';
99             errorMsg.style.color = 'red';
100             errorMsg.textContent = 'Password must be at least 6 characters long.';
101             password.parentElement.appendChild(errorMsg);
102         }
103     } else {
104         password.classList.remove('input-error');
105         if (errorMessage) {
106             errorMessage.remove();
107         }
108     }
109 }

```

```

111 // Form submission and validation handling
112 function submitForm(event, isSignup = false) {
113     event.preventDefault();
114
115     // For Login validation
116     if (!isSignup) {
117         validateEmail();
118         validatePassword();
119     }
120     // For Sign-up validation
121     else {
122         validateSignupEmail();
123         validateSignupPassword();
124     }
125
126     // Check if there are any validation errors (i.e., input error class added)
127     const isValid = !document.querySelector('.input-error');
128     if (isValid) {
129         // For successful login/signup, store user info in localStorage
130         if (!isSignup) {
131             const email = document.getElementById('email').value;
132             localStorage.setItem('userEmail', email);
133             alert('Login successful! Welcome back!');
134         } else {
135             const email = document.getElementById('signup-email').value;
136             localStorage.setItem('userEmail', email);
137             alert('Sign-up successful! Welcome!');
138         }
139
140         // Hide the form overlay after successful login/signup
141         document.querySelector('.form-overlay').style.display = 'none';
142
143         // Optionally, you can show a success message or redirect to the shopping page:
144         // window.location.href = "shopping.html"; // Redirect to shopping page
145     } else {

```

```

146         // If validation fails, ask user to re-enter
147         alert('Please correct the highlighted errors before submitting.');
```

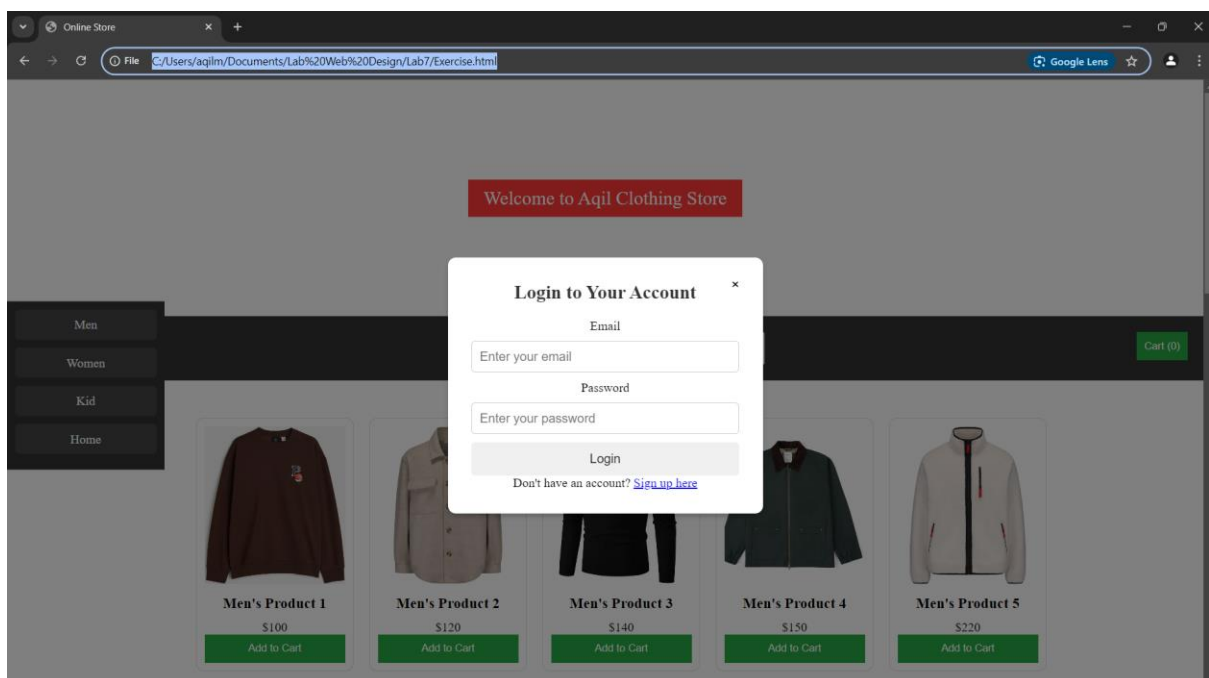


```

174 // JavaScript to simulate store's business progress (Sales target)
175 window.onload = function() {
176     var progressBar = document.getElementById("business-progress-bar");
177     var progressPercentage = document.getElementById("progress-percentage");
178
179     // Example: Progress towards sales target (e.g., 75% target completed)
180     var targetProgress = 75;
181
182     // Simulate loading the progress
183     var width = 0;
184     var interval = setInterval(function() {
185         if (width >= targetProgress) {
186             clearInterval(interval);
187         } else {
188             width++;
189             progressBar.style.width = width + "%";
190             progressPercentage.textContent = width + "%";
191         }, 20); // Adjust the interval speed (milliseconds) as needed
192     }
193
194     // JavaScript to toggle collapsible content
195     document.addEventListener('DOMContentLoaded', function() {
196         var collapsibles = document.querySelectorAll('.collapsible');
197
198         collapsibles.forEach(function(button) {
199             button.addEventListener('click', function() {
200                 var content = this.nextElementSibling;
201
202                 // Toggle between hiding and showing the collapsible content
203                 if (content.style.display === 'block') {
204                     content.style.display = 'none';
205                     this.textContent = 'Show FAQs';
206                 } else {
207                     content.style.display = 'block';
208                     this.textContent = 'Hide FAQs';
209                 }
210             });
211         });
212     });


```

4. Output



Online Store

C:/Users/aqlm/Documents/Lab%20Web%20Design/Lab7/Exercise.html



Welcome to Aqil Clothing Store

Men


Women

Kid


Home

Search for products...


Cart (0)




Men's Product 1
\$100
Add to Cart




Men's Product 2
\$120
Add to Cart



Men's Product 3
\$140
Add to Cart



Men's Product 4
\$150
Add to Cart



Men's Product 5
\$220
Add to Cart


Kid's Collection

Men


Women

Kid


Home




Kid's Product 1
\$50
Add to Cart




Kid's Product 2
\$60
Add to Cart



Kid's Product 3
\$70
Add to Cart



Kid's Product 4
\$80
Add to Cart



Kid's Product 5
\$90
Add to Cart

Meet Our Founder



John Doe

A passionate entrepreneur, John founded Aqil Clothing Store with a vision to provide fashionable and affordable clothing for everyone. When he's not working, he loves to travel and explore new cultures.

