



JavaScript

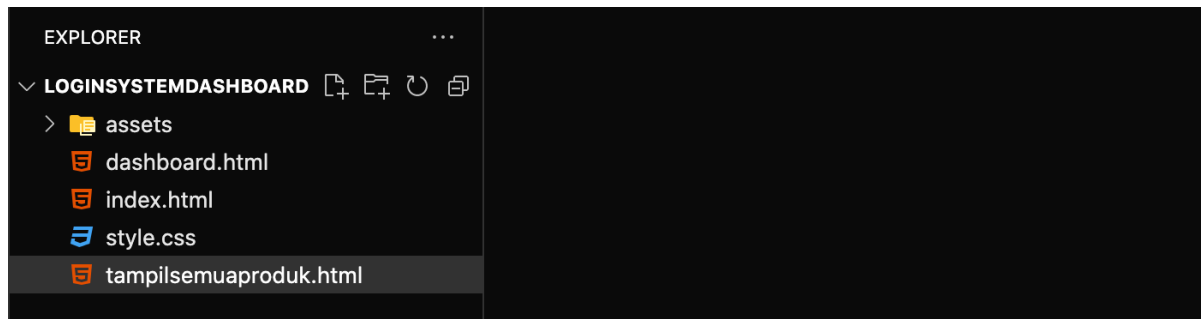
A Game Changer of
Complex Applications

List in HTML + JavaScript

Kita akan belajar cara membuat daftar (*list*) menggunakan HTML dan JavaScript. *List*/daftar adalah elemen penting dalam pengorganisasian informasi di halaman web. Kita akan membuat daftar secara dinamis menggunakan *endpoint*/API.

Struktur File

Terdapat file baru dari sebelumnya, yaitu **tampilsemuaproduk.html**



1. File tampilsemuaproduk.html

Ketik kode seperti berikut.

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="utf-8">
6   <meta content="width=device-width, initial-scale=1.0" name="viewport">
7
8   <title>DummyJSON Frontend</title>
9   <meta content="" name="description">
10  <meta content="" name="keywords">
11
12  <!-- Favicons -->
13  <link href="assets/img/favicon.png" rel="icon">
14  <link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">
15
16  <!-- Google Fonts -->
17  <link href="https://fonts.gstatic.com" rel="preconnect">
18  <link href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Nunito:300,300i,400,400i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">
19
20  <!-- Vendor CSS Files -->
21  <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
22  <link href="assets/vendor/bootstrap-icons/bootstrap-icons.css" rel="stylesheet">
23  <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
24  <link href="assets/vendor/quill/quill.snow.css" rel="stylesheet">
25  <link href="assets/vendor/quill/quill.bubble.css" rel="stylesheet">
26  <link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
27  <link href="assets/vendor/simple-datatables/style.css" rel="stylesheet">
28
29  <!-- Template Main CSS File -->
30  <link href="assets/css/style.css" rel="stylesheet">
31
32  <!-- ===== Header ===== -->
33  <!-- Template Name: NiceAdmin
34  <!-- Template URL: https://bootstrapmade.com/nice-admin-bootstrap-admin-html-template/
35  <!-- Updated: Apr 20 2024 with Bootstrap v5.3.3
36  <!-- Author: BootstrapMade.com
37  <!-- License: https://bootstrapmade.com/license/
38  <!-- ===== End Header ===== -->
39
40  <!-- Dashboard JS -->
41  <script>
42    // Cek local storage apakah user logged in
43    if ((localStorage.getItem('isLoggedIn')) {
44      // Jika belum login, arahkan ke halaman login
45      window.location.href = 'index.html';
46    }
47  </script>
48
49 </head>
50
51 <body>
52
53  <!-- ===== Header ===== -->
54  <header id="header" class="header fixed-top d-flex align-items-center">
55
56    <div class="d-flex align-items-center justify-content-between">
57      <a href="index.html" class="logo d-flex align-items-center">
58        
59        <span class="d-none d-lg-block">DummyJSON</span>
60      </a>
61      <i class="bi bi-list toggle-sidebar-btn"></i>
62    </div><!-- End Logo -->
63
64    <div class="search-bar">
65      <form class="search-form d-flex align-items-center" method="POST" action="#">
66        <input type="text" name="query" placeholder="Search" title="Enter search keyword">
67        <button type="submit" title="Search"><i class="bi bi-search"></i></button>
68      </form>
69    </div><!-- End Search Bar -->
70
71    <nav class="header-nav ms-auto">
72      <ul class="d-flex align-items-center">
73
74        <li class="nav-item d-block d-lg-none">
75          <a class="nav-link nav-icon search-bar-toggle" href="#">
76            <i class="bi bi-search"></i>
77          </a>
78        </li><!-- End Search Icon -->
79
80        <li class="nav-item dropdown">
81
82          <a class="nav-link nav-icon" href="#" data-bs-toggle="dropdown">
83            <i class="bi bi-bell"></i>
84            <span class="badge bg-primary badge-number">4</span>
85          </a><!-- End Notification Icon -->
86
87          <ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow notifications">
88            <li class="dropdown-header">
89              You have 4 new notifications
90              <a href="#"><span class="badge rounded-pill bg-primary p-2 ms-2">View all</span></a>
91            </li>
92            <li>
93              <hr class="dropdown-divider">
94            </li>
95
96            <li class="notification-item">
97              <i class="bi bi-exclamation-circle text-warning"></i>
98              <div>
99                <h4>Lorem Ipsum</h4>
100               <p>Quae dolorem earum veritatis oditseno</p>
101               <p><30 min. ago</p>
102             </div>
103            </li>
104
105            <li>
106              <hr class="dropdown-divider">
107            </li>
108
109            <li class="notification-item">
110              <i class="bi bi-x-circle text-danger"></i>
111              <div>
112                <h4>Atque rerum nesciunt</h4>
113               <p>Quae dolorem earum veritatis oditseno</p>
114               <p><1 hr. ago</p>
115             </div>
116            </li>
117
118            <li>
119              <hr class="dropdown-divider">
120            </li>
121          </ul>
122        </li>
123      </ul>
124    </nav>
125  </div>
126  </div>
```

```
227 <li class="notification-item">
228   <i class="bi bi-check-circle text-success"></i>
229   <div>
230     <h4>Sit rerum fuga</h4>
231     <p>Quae dolorem earum veritatis oditseno</p>
232     <p>2 hrs. ago</p>
233   </div>
234 </li>
235
236 <li>
237   <hr class="dropdown-divider">
238 </li>
239
240 <li class="notification-item">
241   <i class="bi bi-info-circle text-primary"></i>
242   <div>
243     <h4>Dicta reprehenderit</h4>
244     <p>Quae dolorem earum veritatis oditseno</p>
245     <p>4 hrs. ago</p>
246   </div>
247 </li>
248
249 <li>
250   <hr class="dropdown-divider">
251 </li>
252
253 <li class="dropdown-footer">
254   <a href="#">Show all notifications</a>
255 </li>
256
257 </ul><!-- End Notification Dropdown Items -->
258
259 </li><!-- End Messages Nav -->
260
261 <li class="nav-item dropdown">
262
263   <a class="nav-link nav-icon" href="#" data-bs-toggle="dropdown">
264     <i class="bi bi-chat-left-text"></i>
265     <span class="badge bg-success badge-number">3</span>
266   </a><!-- End Messages Icon -->
267
268   <ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow messages">
269     <li class="dropdown-header">
270       You have 3 new messages
271       <a href="#"><span class="badge rounded-pill bg-primary p-2 ms-2">View all</span></a>
272     </li>
273     <li>
274       <hr class="dropdown-divider">
275
276       <li class="message-item">
277         <a href="#">
278           
279           <div>
280             <h4>Maria Hudson</h4>
281             <p>Velit asperiores et ducimus soluta repudiandae labore officia est ut...</p>
282             <p>4 hrs. ago</p>
283           </div>
284         </a>
285       </li>
286       <li>
287         <hr class="dropdown-divider">
288
289         <li class="message-item">
290           <a href="#">
291             
292             <div>
293               <h4>Anna Nelson</h4>
294               <p>Velit asperiores et ducimus soluta repudiandae labore officia est ut...</p>
295               <p>6 hrs. ago</p>
296             </div>
297           </a>
298         </li>
299         <li>
300           <hr class="dropdown-divider">
301
302           <li class="message-item">
303             <a href="#">
304               
305               <div>
306                 <h4>David Muldone</h4>
307                 <p>Velit asperiores et ducimus soluta repudiandae labore officia est ut...</p>
308                 <p>8 hrs. ago</p>
309               </div>
310             </a>
311           </li>
312         </li>
313         <li>
314           <hr class="dropdown-divider">
315
316           <li class="dropdown-footer">
317             <a href="#">Show all messages</a>
318           </li>
319         </li>
320       </ul><!-- End Messages Dropdown Items -->
321
322 </li><!-- End Messages Nav -->
323
324 <li class="nav-item dropdown pe-3">
325
326   <a class="nav-link nav-profile d-flex align-items-center pe-0" href="#" data-bs-toggle="dropdown">
327     
328     <span class="d-none d-md-block dropdown-toggle ps-2">K. Anderson</span>
329   </a><!-- End Profile Image Icon -->
330
331   <ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow profile">
332     <li class="dropdown-header">
333       <h4>Kevin Anderson</h4>
334       <span>Web Designer</span>
335     </li>
336     <li>
337       <hr class="dropdown-divider">
338     </li>
339     <li>
340       <a class="dropdown-item d-flex align-items-center" href="users-profile.html">
341         <i class="bi bi-person"></i>
342         <span>My Profile</span>
343       </a>
344     </li>
345     <li>
346       <hr class="dropdown-divider">
347     </li>
348   </ul>
```

```

242     <li>
243       <a class="dropdown-item d-flex align-items-center" href="users-profile.html">
244         <i class="bi bi-gear"></i>
245         <span>Account Settings</span>
246       </a>
247     </li>
248     <li>
249       <hr class="dropdown-divider">
250     </li>
251     <li>
252       <a class="dropdown-item d-flex align-items-center" href="pages-faq.html">
253         <i class="bi bi-question-circle"></i>
254         <span>Need Help?</span>
255       </a>
256     </li>
257     <li>
258       <hr class="dropdown-divider">
259     </li>
260     <li>
261       <a class="dropdown-item d-flex align-items-center" href="#" onclick="logout()">
262         <i class="bi bi-box-arrow-right"></i>
263         <span>Sign Out</span>
264       </a>
265     </li>
266   </ul><!-- End Profile Dropdown Items -->
267 </li><!-- End Profile Nav -->
268 </ul>
269 </nav><!-- End Icons Navigation -->
270
271 </header><!-- End Header -->
272
273 <!-- ===== Sidebar ===== -->
274 <aside id="sidebar" class="sidebar">
275   <ul class="sidebar-nav" id="sidebar-nav">
276
277     <li class="nav-item">
278       <a class="nav-link collapsed" href="index.html">
279         <i class="bi bi-grid"></i>
280         <span>Dashboard</span>
281       </a>
282     </li><!-- End Dashboard Nav -->
283
284     <li class="nav-item">
285       <a class="nav-link" data-bs-target="#components-nav" data-bs-toggle="collapse" href="#">
286         <i class="bi bi-bag-fill"></i><span>Products</span><i class="bi bi-chevron-down ms-auto"></i>
287       </a>
288       <ul id="components-nav" class="nav-content collapse show" data-bs-parent="#sidebar-nav">
289         <li>
290           <a class="active" href="tampilsemuaproduk.html">
291             <i class="bi bi-circle"></i><span>Tampil Semua Produk</span>
292           </a>
293         </li>
294         <li>
295           <a href="components-accordion.html">
296             <i class="bi bi-circle"></i><span>Tambah Produk</span>
297           </a>
298         </li>
299       </ul>
300     </li><!-- End Components Nav -->
301
302     <li class="nav-item">
303       <a class="nav-link collapsed" href="pages-blank.html">
304         <i class="bi bi-file-earmark"></i>
305         <span>Blank</span>
306       </a>
307     </li><!-- End Blank Page Nav -->
308   </ul>
309 </aside><!-- End Sidebar -->
310
311 <main id="main" class="main">
312   <div class="pagetitle">
313     <h1>Tampil Semua Produk</h1>
314     <nav>
315       <ol class="breadcrumb">
316         <li class="breadcrumb-item"><a href="index.html">Home</a></li>
317         <li class="breadcrumb-item active">Tampil Semua Produk</li>
318       </ol>
319     </nav>
320   </div><!-- End Page Title -->
321
322   <section class="section">
323     <div class="row">
324       <div class="col-lg-12">
325
326         <div class="card">
327           <div class="card-body">
328             <h3 class="card-title">Default Table</h3>
329
330             <!-- Default Table -->
331             <div class="table-responsive">
332               <table class="table">
333                 <thead>
334                   <tr>
335                     <th scope="col">ID</th>
336                     <th scope="col">Title</th>
337                     <th scope="col">Description</th>
338                     <th scope="col">Category</th>
339                     <th scope="col">Price</th>
340                     <th scope="col">Discount</th>
341                     <th scope="col">Stock</th>
342                   </tr>
343                 </thead>
344                 <tbody id="product-list">
345
346                 </tbody>
347               </table>
348             </div>
349             <!-- End Default Table Example -->
350           </div>
351         </div>
352       </div>
353     </div>
354   </section>
355 </main><!-- End #main -->

```

JavaScript

```
771 </!-- Footer -->
772 <footer id="footer" class="footer">
773   <div class="copyright">
774     <copy> Copyright <strong>span>NiceAdmin</span></strong>. All Rights Reserved
775   </div>
776   <div class="credits">
777     <!-- All the links in the footer should remain intact. -->
778     <!-- You can delete the links only if you purchased the pro version. -->
779     <!-- Licensing information: https://bootstrapmade.com/license/ -->
780     <!-- Purchase the pro version with working PHP/AJAX contact form: https://bootstrapmade.com/nice-admin-bootstrap-admin-html-template/ -->
781     Designed by <a href="https://bootstrapmade.com/">BootstrapMade</a>
782   </div>
783 </footer><!-- End Footer -->
784
785 <a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi bi-arrow-up-short"></i></a>
786
787 <!-- Vendor JS Files -->
788 <script src="assets/vendor/apexcharts/apexcharts.min.js"></script>
789 <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
790 <script src="assets/vendor/chart.js/chart.umd.js"></script>
791 <script src="assets/vendor/echarts/echarts.min.js"></script>
792 <script src="assets/vendor/quill/quill.js"></script>
793 <script src="assets/vendor/simple-datatables/simple-datatables.js"></script>
794 <script src="assets/vendor/tinymce/tinymce.min.js"></script>
795 <script src="assets/vendor/php-email-form/validate.js"></script>
796
797 <!-- Template Main JS File -->
798 <script src="assets/js/main.js"></script>
799
800 <!-- JS Get All Products -->
801 <script>
802   const productList = document.getElementById('product-list');
803
804   fetch('https://dummyjson.com/products')
805     .then(response => response.json())
806     .then(data => {
807       data.products.forEach(product => {
808         const productDiv = document.createElement('tr');
809         productDiv.className = 'product';
810
811         // Menotong panjang karakter deskripsi produk
812         const truncatedDescription = product.description.length > 5
813           ? product.description.substring(0, 5) + '...'
814           : product.description;
815
816         productDiv.innerHTML = `
817           <td>${product.id}</td>
818           <td>${product.title}</td>
819           <td>${truncatedDescription}</td>
820           <td>${product.category}</td>
821           <td>${product.price}</td>
822           <td>${product.discountPercentage}</td>
823           <td>${product.stock}</td>
824         `;
825
826         productList.appendChild(productDiv);
827       });
828     })
829     .catch(error => console.error('Error fetching products:', error));
830 </script>
831 </body>
832 </html>
```

Output : Halaman Tampil Semua Produk

DummyJSON Frontend

File /Users/macbookpro/Documents/mastermaterikulia/javascript/loginsystemdashboard/tampilsemuaproduk.ht... Incognito

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DummyJSON Search K. Anderson

Dashboard

Products

- Tampil Semua Produk
- Tambah Produk
- Blank

Tampil Semua Produk

Home / Tampil Semua Produk

Default Table

ID	Title	Description	Category	Price	Discount	Stock
1	Essence Mascara Lash Princess	The E...	beauty	9.99	7.17	5
2	Eyeshadow Palette with Mirror	The E...	beauty	19.99	5.5	44
3	Powder Canister	The P...	beauty	14.99	18.14	59
4	Red Lipstick	The R...	beauty	12.99	19.03	68
5	Red Nail Polish	The R...	beauty	8.99	2.46	71
6	Calvin Klein CK One	CK On...	fragrances	49.99	0.32	17
7	Chanel Coco Noir Eau De	Coco ...	fragrances	129.99	18.64	41
8	Dior J'adore	J'ado...	fragrances	89.99	17.44	91