



JavaScript

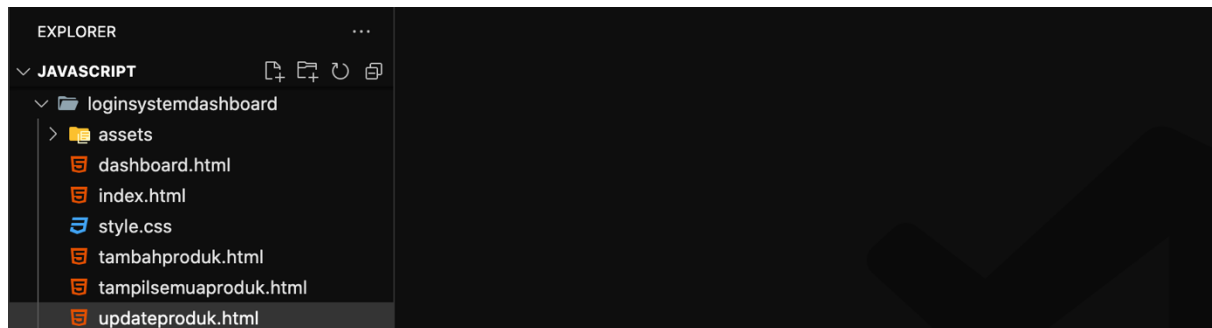
A Game Changer of
Complex Applications

Update ke Endpoint dengan HTML + JavaScript

Update pada CRUD memungkinkan pengguna untuk memperbarui data yang sudah ada dalam basis data, memastikan informasi tetap akurat dan relevan.

Struktur File

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



1. File tampilsemuaproduk.html

Sesuaikan kodenya.

```
tampilsemuaproduk.html x
loginsystemdashboard > tampilsemuaproduk.html > html > body > main#main.main > section.section > div.row >
2 <html lang="en">
51 <body>
323 <main id="main" class="main">
335 <section class="section">
336 <div class="row">
344 <div class="table-responsive">
345 <table class="table">
346 <thead>
347 <tr>
348 <th scope="col">ID</th>
349 <th scope="col">Title</th>
350 <th scope="col">Description</th>
351 <th scope="col">Category</th>
352 <th scope="col">Price</th>
353 <th scope="col">Discount</th>
354 <th scope="col">Stock</th>
355 <th scope="col">Edit</th>
356 </tr>
357 </thead>
358 <tbody id="product-list">
```

```
tampilsemuaproduk.html x
loginsystemdashboard > tampilsemuaproduk.html > html > body > main#main.main > section.section > div.row > div.col-lg-12 > div.card > div.card-b
2 <html lang="en">
51 <body>
402 <script>
405 fetch('https://dummyjson.com/products')
406 .then(response => response.json())
407 .then(data => {
408   data.products.forEach(product => {
409     const productDiv = document.createElement('tr');
410     productDiv.className = 'product';
411
412     // Memotong panjang karakter deskripsi produk
413     const truncatedDescription = product.description.length > 5
414       ? product.description.substring(0, 5) + '...'
415       : product.description;
416
417     productDiv.innerHTML = `
418       <td>${product.id}</td>
419       <td>${product.title}</td>
420       <td>${truncatedDescription}</td>
421       <td>${product.category}</td>
422       <td>${product.price}</td>
423       <td>${product.discountPercentage}</td>
424       <td>${product.stock}</td>
425       <td><a href="updateproduk.html?id=${product.id}"><button class="btn btn-primary">Edit</button></a></td>
426     `;
427
428     productList.appendChild(productDiv);
429   });
430 }
```

2. File updateproduk.html

Ketik kode sebagai 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,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  <!-- =====>
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  <!-- =====>
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
48    // Function fetching 1 data produk dengan endpoint "Get Single Product"
49    async function fetchProduct() {
50      const urlParams = new URLSearchParams(window.location.search);
51      // Mengambil id produk dari URL
52      const productId = urlParams.get('id');
53      // console.log(productId);
54      // Endpoint Get Single Product
55      const response = await fetch('https://dummyjson.com/products/' + productId);
56      // JSON response
57      const product = await response.json();
58      // console.log(product);
59
60      // Tampilkan data JSON ke elemen form HTML
61      document.getElementById('idproduct').value = product.id;
62      document.getElementById('title').value = product.title;
63      document.getElementById('description').value = product.description;
64      document.getElementById('price').value = product.price;
65      document.getElementById('category').value = product.category;
66    }
67
68    // Panggil function fetching product
69    window.onload = fetchProduct;
70  </script>
71
72 </head>
73
74 <body>
75
76  <!-- ===== Header =====>
77  <header id="header" class="header fixed-top d-flex align-items-center">
78
79    <div class="d-flex align-items-center justify-content-between">
80      <a href="index.html" class="logo d-flex align-items-center">
81        
82        <span class="d-none d-lg-block">DummyJSON</span>
83      </a>
84      <i class="bi bi-list toggle-sidebar-btn"></i>
85    </div><!-- End Logo -->
86
87    <div class="search-bar">
88      <form class="search-form d-flex align-items-center method="POST" action="#">
89        <input type="text" name="query" placeholder="Search" title="Enter search keyword">
90        <button type="submit" title="Search"><i class="bi bi-search"></i></button>
91      </form>
92    </div><!-- End Search Bar -->
93
94    <nav class="header-nav ms-auto">
95      <ul class="d-flex align-items-center">
96
97        <li class="nav-item d-block d-lg-none">
98          <a class="nav-link nav-icon search-bar-toggle" href="#">
99            <i class="bi bi-search"></i>
100          </a>
101          </li><!-- End Search Icon -->
102
103          <li class="nav-item dropdown">
104            <a class="nav-link nav-icon" href="#" data-bs-toggle="dropdown">
105              <i class="bi bi-hello"></i>
106              <span class="badge bg-primary badge-number">4</span>
107            </a><!-- End Notification Icon -->
108
109            <ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow notifications">
110              <li class="dropdown-header">
111                You have 4 new notifications
112                <a href="#"><span class="badge rounded-pill bg-primary p-2 ms-2">View all</span></a>
113              </li>
114              <li>
115                <hr class="dropdown-divider">
116              </li>
117
118              <li class="notification-item">
119                <i class="bi bi-exclamation-circle text-warning"></i>
120                <div>
121                  <div>
122                    <div>
123                      <div>
```

Function fetching data 1 produk berdasarkan ID. Hasil fetching ditampilkan pada form HTML.

```
123     <p>Quae dolorem earum veritatis oditseno</p>
124     <p>38 min. ago</p>
125   </div>
126 </li>
127
128 <li>
129   <hr class="dropdown-divider">
130 </li>
131
132 <li class="notification-item">
133   <i class="bi bi-x-circle text-danger"></i>
134   <div>
135     <h4>Atque rerum nesciunt</h4>
136     <p>Quae dolorem earum veritatis oditseno</p>
137     <p>1 hr. ago</p>
138   </div>
139 </li>
140
141 <li>
142   <hr class="dropdown-divider">
143 </li>
144
145 <li class="notification-item">
146   <i class="bi bi-check-circle text-success"></i>
147   <div>
148     <h4>Sit rerum fuga</h4>
149     <p>Quae dolorem earum veritatis oditseno</p>
150     <p>2 hrs. ago</p>
151   </div>
152 </li>
153
154 <li>
155   <hr class="dropdown-divider">
156 </li>
157
158 <li class="notification-item">
159   <i class="bi bi-info-circle text-primary"></i>
160   <div>
161     <h4>Dicta reprehenderit</h4>
162     <p>Quae dolorem earum veritatis oditseno</p>
163     <p>4 hrs. ago</p>
164   </div>
165 </li>
166
167 <li>
168   <hr class="dropdown-divider">
169 </li>
170 <li class="dropdown-footer">
171   <a href="#">Show all notifications</a>
172 </li>
173 </ul><!-- End Notification Dropdown Items -->
174
175 </li><!-- End Notification Nav -->
176
177 <li class="nav-item dropdown">
178
179   <a class="nav-link nav-icon" href="#" data-bs-toggle="dropdown">
180     <i class="bi bi-chat-left-text"></i>
181     <span class="badge bg-success badge-number">3</span>
182   </a><!-- End Messages Icon -->
183
184   <ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow messages">
185     <li class="dropdown-header">
186       You have 3 new messages
187       <a href="#"><span class="badge rounded-pill bg-primary p-2 ms-2">View all</span></a>
188     </li>
189     <li>
190       <hr class="dropdown-divider">
191     </li>
192     <li class="message-item">
193       <a href="#">
194         
195         <div>
196           <h4>Maria Hudson</h4>
197           <p>Velit asperiores et ducimus soluta repudiandae labore officia est ut...</p>
198           <p>4 hrs. ago</p>
199         </div>
200       </a>
201     </li>
202     <li>
203       <hr class="dropdown-divider">
204     </li>
205     <li class="message-item">
206       <a href="#">
207         
208         <div>
209           <h4>Anna Nelson</h4>
210           <p>Velit asperiores et ducimus soluta repudiandae labore officia est ut...</p>
211           <p>6 hrs. ago</p>
212         </div>
213       </a>
214     </li>
215     <li>
216       <hr class="dropdown-divider">
217     </li>
218     <li class="message-item">
219       <a href="#">
220         
221         <div>
222           <h4>David Muldon</h4>
223           <p>Velit asperiores et ducimus soluta repudiandae labore officia est ut...</p>
224           <p>8 hrs. ago</p>
225         </div>
226       </a>
227     </li>
228     <li>
229       <hr class="dropdown-divider">
230     </li>
231     <li class="dropdown-footer">
232       <a href="#">Show all messages</a>
233     </li>
234   </ul><!-- End Messages Dropdown Items -->
235
236 </li><!-- End Messages Nav -->
237
238 <li class="nav-item dropdown pe-3">
239
240   <a class="nav-link nav-profile d-flex align-items-center pe-0" href="#" data-bs-toggle="dropdown">
```

```
487 
488 <span class="d-none d-md-block dropdown-toggle ps-2">K. Anderson</span>
489 </a><!-- End Profile Image Icon -->
490
491 <ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow profile">
492 <li class="dropdown-header">
493 <div>Kevin Anderson</div>
494 <span>Web Designer</span>
495 </li>
496 <li>
497 <hr class="dropdown-divider">
498 </li>
499 <li>
500 <a class="dropdown-item d-flex align-items-center" href="users-profile.html">
501 <i class="bi bi-person"></i>
502 <span>My Profile</span>
503 </a>
504 </li>
505 <li>
506 <hr class="dropdown-divider">
507 </li>
508 <li>
509 <a class="dropdown-item d-flex align-items-center" href="users-profile.html">
510 <i class="bi bi-gear"></i>
511 <span>Account Settings</span>
512 </a>
513 </li>
514 <li>
515 <hr class="dropdown-divider">
516 </li>
517 <li>
518 <a class="dropdown-item d-flex align-items-center" href="pages-faq.html">
519 <i class="bi bi-question-circle"></i>
520 <span>Need Help?</span>
521 </a>
522 </li>
523 <li>
524 <hr class="dropdown-divider">
525 </li>
526 <li>
527 <a class="dropdown-item d-flex align-items-center" href="#" onClick="logout()">
528 <i class="bi bi-box-arrow-right"></i>
529 <span>Sign Out</span>
530 </a>
531 </li>
532
533 </ul><!-- End Profile Dropdown Items -->
534 </li><!-- End Profile Nav -->
535
536 </ul>
537 </nav><!-- End Icons Navigation -->
538
539 </header><!-- End Header -->
540
541 <!-- ===== Sidebar ===== -->
542 <aside id="sidebar" class="sidebar">
543 <ul class="sidebar-nav" id="sidebar-nav">
544
545 <li class="nav-item">
546 <a class="nav-link collapsed" href="index.html">
547 <i class="bi bi-grid"></i>
548 <span>Dashboard</span>
549 </a>
550 </li><!-- End Dashboard Nav -->
551
552 <li class="nav-item">
553 <a class="nav-link" data-bs-target="#components-nav" data-bs-toggle="collapse" href="#">
554 <i class="bi bi-bag-fill"></i><span>Products</span><i class="bi bi-chevron-down ms-auto"></i>
555 </a>
556 <ul id="components-nav" class="nav-content collapse show" data-bs-parent="#sidebar-nav">
557 <li>
558 <a href="tamplisemuaPRODUK.html">
559 <i class="bi bi-circle"></i><span>Tampil Semua Produk</span>
560 </a>
561 </li>
562 <li>
563 <a class="active" href="tambahPRODUK.html">
564 <i class="bi bi-circle"></i><span>Tambah Produk</span>
565 </a>
566 </li>
567 </ul>
568 </li><!-- End Components Nav -->
569
570 <li class="nav-item">
571 <a class="nav-link collapsed" href="#">
572 <i class="bi bi-file-earmark"></i>
573 <span>Blank</span>
574 </a>
575 </li><!-- End Blank Page Nav -->
576
577 </ul>
578
579 </aside><!-- End Sidebar -->
580
581 <main id="main" class="main">
582
583 <div class="pagetitle">
584 <h1>Update Produk</h1> <!-- Sesuaikan -->
585 <nav>
586 <ol class="breadcrumb">
587 <li class="breadcrumb-item"><a href="index.html">Home</a></li>
588 <li class="breadcrumb-item active">Update Produk</li> <!-- Sesuaikan -->
589 </ol>
590 </nav>
591 </div><!-- End Page Title -->
592
593 <section class="section">
594 <div class="row">
595 <div class="col-lg-12">
596
597 <div class="card">
598 <div class="card-body">
599 <h3 class="card-title">Update Produk</h3> <!-- Sesuaikan -->
600
601 <!-- Floating Labels Form -->
602 <form id="updateProductForm" class="row g-3" onSubmit="updateProduct(event)"> <!-- Sesuaikan -->
603 <input type="hidden" id="idproduct">
604 <div class="col-md-12">
605 <div class="form-floating">
```

```

171 <input type="text" class="form-control" id="title" placeholder="Title">
172 <label for="floatingName">Title</label>
173 </div>
174 </div>
175 <div class="col-12">
176 <div class="form-floating">
177 <textarea class="form-control" placeholder="Address" id="description" style="height: 100px;"></textarea>
178 <label for="floatingTextarea">Description</label>
179 </div>
180 </div>
181 <div class="col-md-6">
182 <div class="form-floating">
183 <input type="text" class="form-control" id="price" placeholder="Price">
184 <label for="floatingCity">Price</label>
185 </div>
186 </div>
187 </div>
188 <div class="col-md-6">
189 <div class="form-floating mb-3">
190 <div class="form-floating">
191 <input type="text" class="form-control" id="category" placeholder="Category">
192 <label for="floatingCity">Category</label>
193 </div>
194 </div>
195 </div>
196 </div>
197 <div class="text-center">
198 <button type="submit" class="btn btn-primary">Update</button>
199 <button type="reset" class="btn btn-secondary">Reset</button>
200 </div>
201 </form><!-- End Floating Labels Form -->
202
203 <div id="responseMessage"></div>
204
205 </div>
206 </div>
207 </div>
208 </div>
209 </section>
210
211 </main><!-- End #main -->
212
213 <!-- ===== Footer ===== -->
214 <footer id="footer" class="footer">
215 <div class="copyright">
216 <Copy> Copyright <strong>spanNiceAdmin</span></strong>. All Rights Reserved
217 </div>
218 <div class="credits">
219 <!-- All the links in the footer should remain intact. -->
220 <!-- You can delete the links only if you purchased the pro version. -->
221 <!-- Licensing information: https://bootstrapmade.com/license/ -->
222 <!-- Purchase the pro version with working PHP/AJAX contact form: https://bootstrapmade.com/nice-admin-bootstrap-admin-html-template/ -->
223 Designed by <a href="https://bootstrapmade.com/">BootstrapMade</a>
224 </div>
225 </footer><!-- End Footer -->
226
227 <a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi bi-arrow-up-short"></i></a>
228
229 <!-- Vendor JS Files -->
230 <script src="assets/vendor/apexcharts/apexcharts.min.js"></script>
231 <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
232 <script src="assets/vendor/chart.js/chart.umd.js"></script>
233 <script src="assets/vendor/echarts/echarts.min.js"></script>
234 <script src="assets/vendor/quill/quill.js"></script>
235 <script src="assets/vendor/simple-datatables/simple-datatables.js"></script>
236 <script src="assets/vendor/tinymce/tinymce.min.js"></script>
237 <script src="assets/vendor/php-email-form/validate.js"></script>
238
239 <!-- Template Main JS File -->
240 <script src="assets/js/main.js"></script>
241
242 <script>
243 // Function Update Product
244 async function updateProduct(event) {
245 event.preventDefault();
246
247 const idproduct = document.getElementById('idproduct').value;
248 const contentproduct = {
249 title: document.getElementById('title').value,
250 description: parseFloat(document.getElementById('description').value),
251 price: document.getElementById('price').value,
252 category: document.getElementById('category').value,
253 // Bisa tambahkan field lainnya sesuai kebutuhan backend
254 };
255
256 // Endpoint update produk
257 const response = await fetch('https://dummyjson.com/products/' + idproduct), {
258 method: 'PUT',
259 headers: {
260 'Content-Type': 'application/json',
261 },
262 body: JSON.stringify(contentproduct),
263 });
264
265 if (response.ok) {
266 alert('Produk Berhasil Diupdate! Product ID : ' + idproduct);
267 window.location.href = 'tampilsemasproduk.html';
268 } else {
269 alert('Produk Gagal Diupdate!');
270 }
271 }
272 </script>
273
274 <!-- Logout -->
275 <script>
276 function logout() {
277 // Clear login state dan arahkan ke halaman login
278 localStorage.removeItem('isLoggedIn');
279 window.location.href = 'index.html';
280 }
281 </script>
282
283 </body>
284
285 </html>

```

Function update produk

Output :
Lakukan tes update produk.

