

Atelier 9 : Modification et Suppression des Articles

Contexte et objectif

Dans cet atelier, nous avons ajouté de **nouvelles fonctionnalités** à notre site e-commerce Laravel afin de gérer les produits de manière complète.

L'objectif principal est de permettre :

- l'affichage des catégories,
- l'affichage des produits par catégorie,
- la pagination,
- l'ajout d'un produit avec image,
- l'affichage des détails d'un produit.

routes/web.php

```
27  /*
28  |-----
29  | Product CRUD (Atelier 9)
30  |-----
31  */
32
33  < Route::get('/products/{product}', [ProductController::class, 'show'])
34      ->name('products.show');
35
36  < Route::get('/products/{product}/edit', [ProductController::class, 'edit'])
37      ->name('products.edit');
38
39  < Route::put('/products/{product}', [ProductController::class, 'update'])
40      ->name('products.update');
41
42  < Route::delete('/products/{product}', [ProductController::class, 'destroy'])
43      ->name('products.destroy');
44
45
```

app/Http/Controllers/ProductController.php

```
51     public function store(AddProductRequest $request)
52     {
53         $cloudinary = new Cloudinary([
54             'cloud' => [
55                 'cloud_name' => env('CLOUDINARY_CLOUD_NAME'),
56                 'api_key'    => env('CLOUDINARY_API_KEY'),
57                 'api_secret' => env('CLOUDINARY_API_SECRET'),
58             ],
59         ]);
60
61         $uploadResult = $cloudinary->uploadApi()->upload(
62             $request->file('image')->getRealPath(),
63             ['folder' => 'products']
64         );
65
66         Product::create([
67             'nom'         => $request->nom,
68             'prix'        => $request->prix,
69             'categorie'   => $request->categorie,
70             'image'       => $uploadResult['secure_url'],
71             'solde'       => $request->solde ?? false,
72         ]);
73
74         return redirect()
75             ->route('electronics.categories')
76             ->with('success', 'Produit ajouté avec succès');
77     }
78
```

```
79     /**
80      * Show a single product (Atelier 9)
81      */
82     public function show(Product $product)
83     {
84         return view('products.show', [
85             'product' => $product
86         ]);
87     }
88
89     /**
90      * Show edit form (Atelier 9)
91      */
92     public function edit(Product $product)
93     {
94         return view('products.edit', [
95             'product' => $product
96         ]);
97     }
98
```

```

99      /**
100      * Update product (Atelier 9 + Cloudinary optional update)
101      */
102      public function update(Request $request, Product $product)
103      {
104          $request->validate([
105              'nom'      => 'required|string|max:255',
106              'prix'     => 'required|numeric',
107              'categorie' => 'required|string|max:255',
108              'image'    => 'nullable|image|mimes:jpg,jpeg,png,webp|max:2048',
109              'solde'    => 'nullable|boolean',
110          ]);
111
112          if ($request->hasFile('image')) {
113
114              $cloudinary = new Cloudinary([
115                  'cloud' => [
116                      'cloud_name' => env('CLOUDINARY_CLOUD_NAME'),
117                      'api_key'    => env('CLOUDINARY_API_KEY'),
118                      'api_secret' => env('CLOUDINARY_API_SECRET'),
119                  ],
120              ]);
121
122              $uploadResult = $cloudinary->uploadApi()->upload(
123                  $request->file('image')->getRealPath(),
124                  ['folder' => 'products']
125              );
126
127              $product->image = $uploadResult['secure_url'];
128          }
129
130          $product->nom      = $request->nom;
131          $product->prix     = $request->prix;
132          $product->categorie = $request->categorie;
133          $product->solde    = $request->solde ?? false;
134
135          $product->save();
136
137          return back()->with('success', 'Produit modifié avec succès');
138      }
139
140      /**
141      * Delete product (Atelier 9)
142      */
143      public function destroy(Product $product)
144      {
145          $product->delete();
146
147          return back()->with('success', 'Produit supprimé avec succès');
148      }
149  }
150

```

resources/views/electronics-products.blade.php

```

31 <a href="{{ route('products.show', $item) }}" class="btn-action msone-btn-show">
32     Details
33 </a>

```

resources/views/products/show.blade.php

```

resources > views > products > show.blade.php > ...
1  @extends('layout.master')
2
3  @section('title', $product->nom)
4
5  @section('content')
6  <div class="msone-details-page fade-in-up">
7      <div class="msone-grid-card">
8          {{-- Left Side: Product Image (No gray container) --}}
9          <div class="msone-image-only-side">
10             nom }}">
11         </div>
12
13         {{-- Right Side: Content & Actions --}}
14         <div class="msone-content-side">
15             <h1 class="msone-detail-title">{{ $product->nom }}</h1>
16
17             <div class="msone-info-box">
18                 <span class="msone-price-display">
19                     <span class="currency">$</span>{{ number_format($product->prix, 0) }}
20                 </span>
21                 <p class="msone-category-tag">Category: <strong>{{ $product->categorie }}</strong></p>
22             </div>
23
24             <div class="msone-actions-container">
25                 <a href="{{ route('products.edit', $product) }}" class="msone-btn-primary-edit">
26                     Edit Product
27                 </a>
28
29                 <form action="{{ route('products.destroy', $product) }}" method="POST" class="msone-delete-form">
30                     @csrf
31                     @method('DELETE')
32                     <button type="submit" class="msone-btn-danger-outline" onclick="return confirm('Delete this product?')">
33                         Delete Product
34                     </button>
35                 </form>
36             </div>
37         </div>

```

resources/views/products/edit.blade.php

```
resources > views > products > edit.blade.php > div.msone-elegant-wrapper.fade-in-up
1 @extends('layout.master')
2
3 @section('title', 'Edit Product')
4
5 @section('content')
6 <div class="msone-elegant-wrapper fade-in-up">
7   <h1 class="page-title text-center">Edit Product</h1>
8
9   <form action="{{ route('products.update', $product) }}" method="POST" enctype="multipart/form-data" class="msone-minimal-form">
10     @csrf
11     @method('PUT')
12
13     <div class="msone-field">
14       <label class="msone-label">Product Name</label>
15       <input type="text" name="nom" value="{{ old('nom', $product->nom) }}" class="msone-input">
16     </div>
17
18     <div class="msone-field">
19       <label class="msone-label">Price</label>
20       <input type="number" name="prix" value="{{ old('prix', $product->prix) }}" class="msone-input">
21     </div>
22
23     <div class="msone-field">
24       <label class="msone-label">Category</label>
25       <input type="text" name="categorie" value="{{ old('categorie', $product->categorie) }}" class="msone-input">
26     </div>
27
28     <div class="msone-field">
29       <label class="msone-label">Product Image</label>
30       <input type="file" name="image" class="msone-input">
31     </div>
32
33     <button type="submit" class="btn-msone-modern hero-btn primary">
34       Update
35     </button>
36   </form>
37 </div>
```

resources/views/layout/master.blade.php

```
resources > views > layout > master.blade.php > html > body.page-layout
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   <meta name="description" content="Premium electronics store - High-quality electronic products for modern lifestyles">
7
8   <title>@yield('title', 'MSONE') - Premium Electronics</title>
9
10  <link rel="stylesheet" href="{{ asset('css/style.css') }}">
11 </head>
12 <body class="page-layout">
13
14   @include('partials.menu')
15
16   <main class="page-content">
17     <div class="container">
18
19       {{-- Success message (Atelier 9) --}
20       @if(session('success'))
21         <div class="alert alert-success">
22           {{ session('success') }}
23         </div>
24       @endif
25
26       @yield('content')
27     </div>
28   </main>
29
30   @include('partials.footer')
```