

# DOKUMENTASI PROJECT

## 1. Deskripsi Projek

- a. Tema Project : Sistem E-Commerce Sederhana
- b. Nama Project : MIKEGLO Stores
- c. Tujuan Project :  
Tujuan kami membuat sebuah aplikasi web ini adalah untuk *membangun sebuah platform e-commerce yang fokus pada penjualan Mouse Gaming, yang memenuhi kebutuhan baik gamer profesional maupun kasual.*

## 2. Fitur-Fitur Aplikasi

- a. Header :

Laravel   Home   Products   Contact

---

- Sebelah Kiri :
  - i. LARAVEL : url ini akan mengarahkan pada tampilan domain/utama/ index. Biasanya tampilan ini dipakai untuk mengisi dengan Logo Company.
  - ii. HOME : url ini juga akan mengarahkan pada tampilan utama dari website e-commerce ini.
  - iii. PRODUCTS : url ini akan mengarahkan pada tampilan *SEMUA PRODUK* yang ada pada website e-commerce kami.
  - iv. CONTACTS : url ini akan mengarahkan pada tampilan *CONTACT US* yang menyediakan inputan nama, email address, dan message yang ingin disampaikan para user mengenai website e-commerce ini.

# Welcome to MikeGlo Stores, Glo!

Your one-stop shop for amazing products at unbeatable prices.

"The right tool can unlock the best performance." - Anonymous

## About Us

At Mikey Stores, we specialize in high-quality gaming mice and accessories, carefully selected to meet the needs of professional and casual gamers alike. For over 10 years, we've been serving the gaming community, offering products that elevate your gaming experience.

## Our Best Seller



Sharkoon SKILLER SGM1  
Ultra-lightweight and ergonomic design.

[View Mouse](#) [View More](#)

## Most Recommended Gaming Mice



Sharkoon SKILLER SGM1  
Ultra-lightweight and ergonomic design.

Rp. 9.256.164

[View Mouse](#)



Sharkoon Drakonia  
Perfect for FPS games.

Rp. 6.914.443

[View Mouse](#)



HyperX Pulsefire Raid  
Ultra-lightweight and ergonomic design.

Rp. 4.480.439

[View Mouse](#)

## How to Contact Us

Have questions about our gaming mice or need recommendations? Get in touch with our experts!

[Contact Us](#)

## Mouse List

Check out our amazing selection of Mouse!

Search by brand name:

Search



**Sharkoon SKILLER SGM1**  
Ultra-lightweight and ergonomic design.

Rp. 9.256.164

[View Mouse](#)



**Sharkoon Drakonia**  
Perfect for FPS games.

Rp. 6.914.443

[View Mouse](#)



**HyperX Pulsefire Raid**  
Ultra-lightweight and ergonomic design.

Rp. 4.480.439

[View Mouse](#)



**Sharkoon Drakonia II**  
Customizable RGB lighting.

Rp. 5.758.227

[View Mouse](#)



**SteelSeries Sensei Ten**  
Comfortable grip for long gaming sessions.

Rp. 4.673.573

[View Mouse](#)



**Razer Naga X**  
Precision tracking with high DPI sensitivity.

Rp. 2.661.449

[View Mouse](#)



**Corsair Dark Core SE**  
Perfect for FPS games.

Rp. 2.472.699

[View Mouse](#)



**Corsair Scimitar RGB Elite**  
Ultra-lightweight and ergonomic design.

Rp. 9.466.505

[View Mouse](#)



**Razer Basilisk V3**  
Comfortable grip for long gaming sessions.

Rp. 8.888.995

[View Mouse](#)



**HyperX Pulsefire Haste**  
Precision tracking with high DPI sensitivity.

Rp. 6.424.319

[View Mouse](#)



**HyperX Pulsefire Dart**  
Perfect for FPS games.

Rp. 7.273.803

[View Mouse](#)



**SteelSeries Aerox 3**  
Comfortable grip for long gaming sessions.

Rp. 1.770.969

[View Mouse](#)

TAMPILAN PRODUK

## Contact

Learn more about our company and mission.

Name

Email address

Message

Send Message

### TAMPILAN CONTACT US

Login Register

- Sebelah Kanan
  - i. REGISTER : bila ingin membuat akun untuk akses lebih lanjut kepada website e-commerce kami, halaman ini akan membuat akun baru untuk tiap user.
  - ii. LOGIN : setelah register, maka bila ingin mengakses website kami, bila sudah pernah mendaftar/register, maka hanya tinggal Login saja.

Register

Name

Email Address

Password

Confirm Password

Register

HALAMAN REGISTER

Login

Email Address

Password

☐ Remember Me

Login

[Forgot Your Password?](#)

HALAMAN LOGIN

b. Body

- ABOUT US : Sedikit detail dalam bentuk kalimat yang mendeskripsikan website e-commerce kami.
- OUR BEST SELLER : Menampilkan salah satu produk *Best Seller* dari website kami.
- MOST RECOMMENDED GAMING MICE : Menampilkan 3 produk mouse gaming dari website kami yang paling kami rekomen.
- HOW TO CONTACT US : Section yang mengizinkan customer/user yang ingin contact kami, akan tersedia satu tombol "[Contact Us](#)" yang akan menuju ke tampilan *Contact*.

## About Us

At Mikey Stores, we specialize in high-quality gaming mice and accessories, carefully selected to meet the needs of professional and casual gamers alike. For over 10 years, we've been serving the gaming community, offering products that elevate your gaming experience.

## SECTION ABOUT US

### Our Best Seller



Sharkoon SKILLER SGM1


Ultra-lightweight and ergonomic design.

[View Mouse](#)[View More](#)

## SECTION BEST SELLER

```
<!-- best seller view -->
<div class="container my-5">
  <h2 class="text-center">Our Best Seller</h2>
  @if($bestseller)
    <div class="row justify-content-center">
      <div class="col-md-6">
        <div class="card">
          
          <div class="card-body">
            <h5 class="card-title">{{ $bestseller->name }}</h5>
            <p class="card-text">{{ $bestseller->description }}</p>
            <a href="{{ route('product.show', $bestseller->id) }}" class="btn btn-primary">View Product</a>
            <a href="/product" class="btn btn-primary">View More</a>
          </div>
        </div>
      </div>
    </div>
  @else
    <p>No best seller product found.</p>
  @endif
</div>
```

### Most Recommended Gaming Mice




Sharkoon SKILLER SGM1

Ultra-lightweight and ergonomic design.

Rp. 9.256.164

[View Mouse](#)




Sharkoon Drakonia

Perfect for FPS games.

Rp. 6.914.443

[View Mouse](#)



HyperX Pulsefire Raid

Ultra-lightweight and ergonomic design.

Rp. 4.480.439

[View Mouse](#)

SECTION RECOMMENDED GAMING MICE

```
<!-- product view -->
<div class="container my-3">
  <h2 class="text-center">Most Recommended Gaming Mice</h2>
  <div class="row justify-content-center">
    @foreach($recommend as $item)
      <div class="col-md-4 mb-4">
        <div class="card">
          name }}" style="width: 100%; height: 200px; object-fit: cover;" data-bbox="269 119 327 193"/>
          <div class="card-body text-center">
            <h5 class="card-title">{{ $item->name }}</h5>
            <p class="card-text">{{ $item->description }}</p>
            <p class="card-text"><strong>Rp. {{ number_format($item->price, 0, ',', '.') }}</strong></p>
            <a href="{{ route('product.show', $item->id) }}" class="btn btn-primary">View Mouse</a>
          </div>
        </div>
      </div>
    @endforeach
  </div>
</div>
```

### How to Contact Us

Have questions about our gaming mice or need recommendations? Get in touch with our experts!

[Contact Us](#)

SECTION HOW TO CONTACT US

```

indexblade.php  econroll.php x
app > Http > Controllers > econroll.php
1  <?php
2
3  namespace App\Http\Controllers;
4  use App\Models\product;
5  use App\Models\comment;
6  use Illuminate\Support\Facades\Auth;
7  use Illuminate\Http\Request;
8
9  class econroll extends Controller
10 {
11     public function index()
12     {
13         $bestseller = product::orderbydesc('count')->first(); //mengambil data best seller
14         $recommend = product::where('recommend',true)->orderbydesc('updated_at')->take(3)->get(); //mengambil 3 data terakhir rekomendasi
15         return view('index', compact('bestseller', 'recommend'));
16     }
17     public function product(Request $request)
18     {
19         $search = $request->input('search'); //mengisi variable search dengan hasil inputan user
20         if ($search) {
21             $product = product::where('name', 'like', '%' . strtolower($search) . '%');
22             //membuat case-insensitive, % -> pencarian tidak hanya untuk kata yang dimulai dengan atau diakhiri oleh $search, tetapi juga untuk kata yang mengandung kata pencarian d
23         } else {
24             $product = product::query(); //mengembalikan data tanpa filter
25         }
26         $product = $product->paginate(9);
27         return view('product', compact('product'));
28     }
29
30     public function show($id){
31         $product = product::with('comments.user')->findOrFail($id);
32         return view('product.show', compact('product'));
33     }
34     public function contact(){
35         return view('contact');
36     }
37 }
38

```

Controller yang mengendalikan Best Seller, Most Recommended, Show Product, hingga Contact

#### c. Detail Produk

- Nama produk & deskripsi produk
- Harga produk
- Gambar produk
- Komen2 user mengenai produk tersebut (harus login terlebih dahulu untuk menambahkan komen pada suatu produk)
- Saat login, lalu user akan bisa menambahkan komen pada suatu produk



## Sharkoon SKILLER SGM1

Ultra-lightweight and ergonomic design.

Rp. 9.256.164



### Comments

dsfdsf: asd

resveriee: sada

resveriee: asdasd

resveriee: asdasd

resveriee: asd

Please [login](#) to comment on this product.

### TAMPILAN DETAIL PRODUK

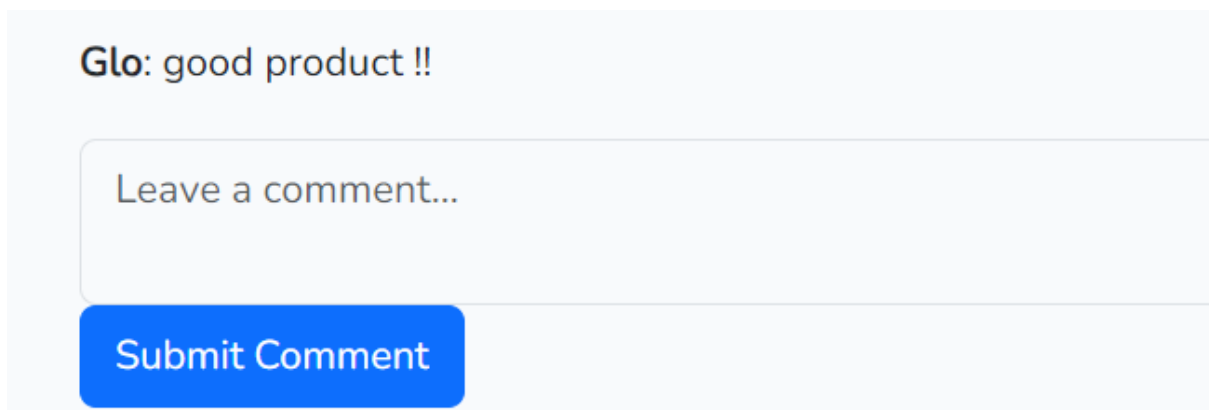
Leave a comment...

Submit Comment

### TAMPILAN UNTUK MENULIS COMMENT SAAT SUDAH LOGIN

```
Version of Visual Studio Code. Consider upgrading to the 64-bit build. Learn More
index.blade.php econtrol.php show.blade.php X
resources > views > product > show.blade.php
1 @extends('layouts.app')
2
3 @section('content')
4 <div class="container mt-4">
5     <!-- Product Details -->
6     <h2>{{ $product->name }}</h2>
7     name }}" style="width: 100%; height: 450px; object-fit: contain;">
8     <p class="mt-3">{{ $product->description }}</p>
9     <p><strong>Rp. {{ number_format($product->price, 0, '', '.') }}</strong></p>
10
11     <!-- Checkout Button -->
12     @auth
13         <form action="{{ route('checkout.process', $product->id) }}" method="POST">
14             @csrf
15             <button type="submit" class="btn btn-success mb-3">Checkout</button>
16         </form>
17     @else
18         <p>Please <a href="{{ route('login') }}">login</a> to purchase this product.</p>
19     @endauth
20
21     <!-- Comments Section -->
22     <h3>Comments</h3>
23     <div class="comments">
24         @forelse($product->comments as $comment)
25             <div class="comment mb-3">
26                 <p><strong>{{ $comment->user->name }}</strong>: {{ $comment->content }}</p>
27             </div>
28         @empty
29             <p>No comments yet. Be the first to comment!</p>
30         @endforelse
31     </div>
32
33     <!-- Comment Form -->
34     @auth
35         <form action="{{ route('comment.store', $product->id) }}" method="POST">
36             @csrf
37             <div class="form-group mt-3">
38                 <textarea name="content" class="form-control" placeholder="Leave a comment..." required></textarea>
39             </div>
40             <button type="submit" class="btn btn-primary mt-2">Submit Comment</button>
41         </form>
42     @else
43         <p>Please <a href="{{ route('login') }}">login</a> to comment on this product.</p>
44     @endauth
45 </div>
46 @endsection
47
```

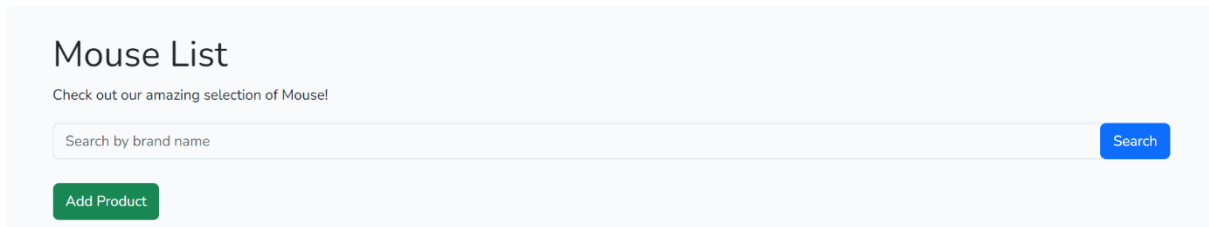
Coding Untuk Halaman Detail sebuah Produk



TAMPILAN SETELAH USER SUDAH MENGINPUT KOMENTAR

d. User Admin :

- Bila login dengan '@admin.com' maka, user yang login akan otomatis langsung menjadi admin.
- Admin dapat tambah, edit, update, dan juga delete produk.



Pada 'Product' page untuk admin, di bawah search bar akan ada tombol untuk menambah produk baru

```
7      <!-- khusus admin yang bisa lihat tombol add product -->
8
9      @if(Auth::check() && Auth::user()->role === 'admin')
10         <div class="mb-4">
11             <a href="{{ route('admin.product.create') }}" class="btn btn-success">Add Product</a>
12         </div>
13     @endif
```

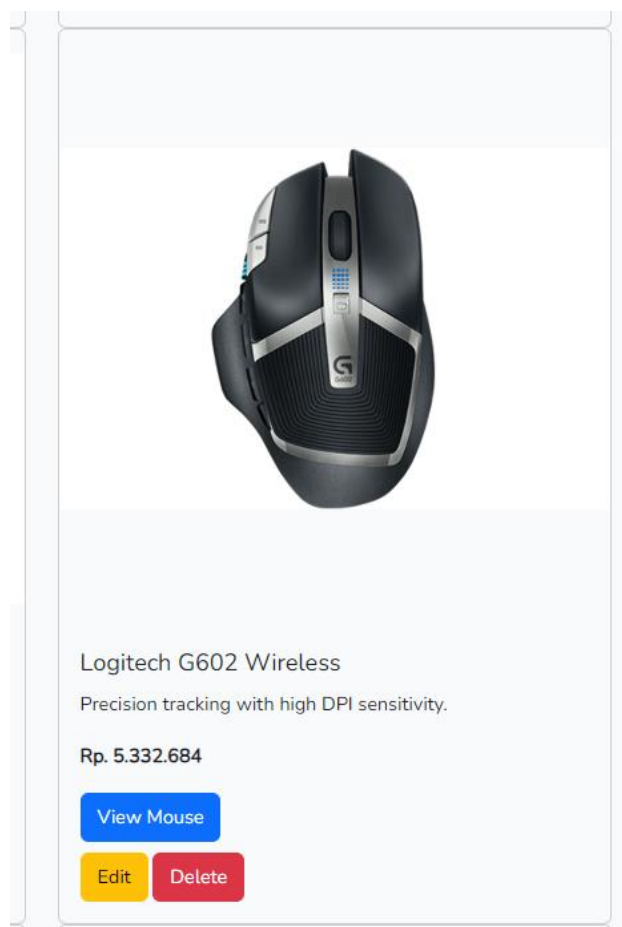


Tampilan Insert Produk barunya

```

index.blade.php  econtroll.php  create_product.blade.php X
sources > views > admin > create_product.blade.php
1  @extends('layouts.app')
2
3  @section('content')
4  <div class="container">
5      <h1>Add New Product</h1>
6      <form action="{{ route('admin.product.store') }}" method="POST" enctype="multipart/form-data">
7          @csrf
8          <div class="form-group">
9              <label for="name">Product Name</label>
10             <input type="text" name="name" id="name" class="form-control" required>
11         </div>
12         <div class="form-group">
13             <label for="price">Price</label>
14             <input type="number" name="price" id="price" class="form-control" required>
15         </div>
16         <div class="form-group">
17             <label for="description">Description</label>
18             <textarea name="description" id="description" class="form-control" required></textarea>
19         </div>
20         <div class="form-group">
21             <label for="image">Image</label>
22             <input type="file" name="image" id="image" class="form-control" required>
23         </div>
24         <div class="form-group">
25             <input type="hidden" name="recommend" value="0">
26             <input type="checkbox" name="recommend" id="recommend" class="form-check-input" value="1">
27             <label for="recommend" class="form-check-label">Recommend</label>
28             <small class="form-text text-muted"> Check if you want to mark this product as recommended.</small>
29         </div>
30         <button type="submit" class="btn btn-primary">Add Product</button>
31     </form>
32 </div>
33 @endsection
34

```



Tampilan 'Product' page untuk user '@admin.com'

```

<!-- kalau admin, bisa lihat tombol edit dan hapus -->
@if(Auth::check() && Auth::user()->role === 'admin')
    <div class="mt-2">
        <a href="{{ route('admin.product.edit', $item->id) }}" class="btn btn-warning">Edit</a>
        <form action="{{ route('admin.product.destroy', $item->id) }}" method="POST" style="display:inline;">
            @csrf
            @method('DELETE')
            <button type="submit" class="btn btn-danger" onclick="return confirm('Are you sure you want to delete this product?')"
            >Delete</button>
        </form>
    </div>
@endif
</div>
</div>
</div>
@endforeach

```

## Edit Product

Product Name  
Logitech G703 Lightspeed

Price  
4331513

Description  
Precision tracking with high DPI sensitivity.

Image  
Choose File No file chosen

**Update Product**

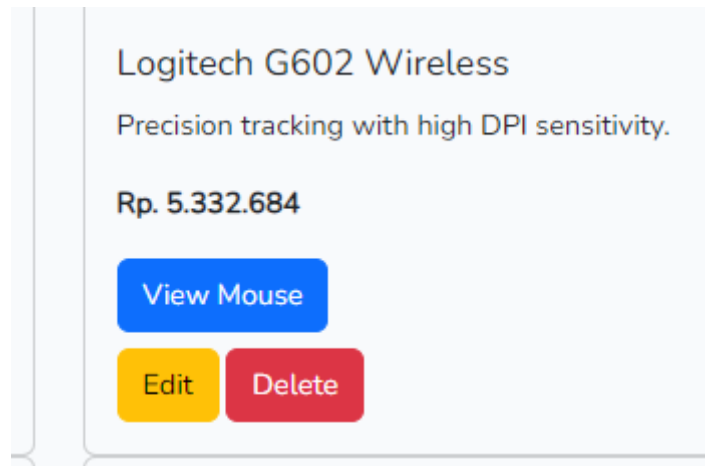
Tampilan bila menekan tombol 'Edit' pada Product Page.

```

resources > views > admin > edit_product.blade.php
@extends('layouts.app')

@section('content')
<div class="container">
    <h1>Edit Product</h1>
    <form action="{{ route('admin.product.update', $product->id) }}" method="POST">
        @csrf
        @method('PUT')
        <div class="form-group">
            <label for="name">Product Name</label>
            <input type="text" name="name" id="name" class="form-control" value="{{ $product->name }}" required>
        </div>
        <div class="form-group">
            <label for="price">Price</label>
            <input type="number" name="price" id="price" class="form-control" value="{{ $product->price }}" required>
        </div>
        <div class="form-group">
            <label for="description">Description</label>
            <textarea name="description" id="description" class="form-control" required>{{ $product->description }}</textarea>
        </div>
        <div class="form-group">
            <label for="image">Image</label>
            <input type="file" name="image" id="image" class="form-control">
        </div>
        <div class="form-group">
            <input type="hidden" name="recommend" value="0">
            <input type="checkbox" name="recommend" id="recommend" class="form-check-input" value="1" {{ $product->recommend ? 'checked' : '' }}>
            <label for="recommend" class="form-check-label">Recommended</label>
            <small class="form-text text-muted">Check if you want to mark this product as recommended.</small>
        </div>
        <button type="submit" class="btn btn-success">Update Product</button>
    </form>
</div>
@endsection

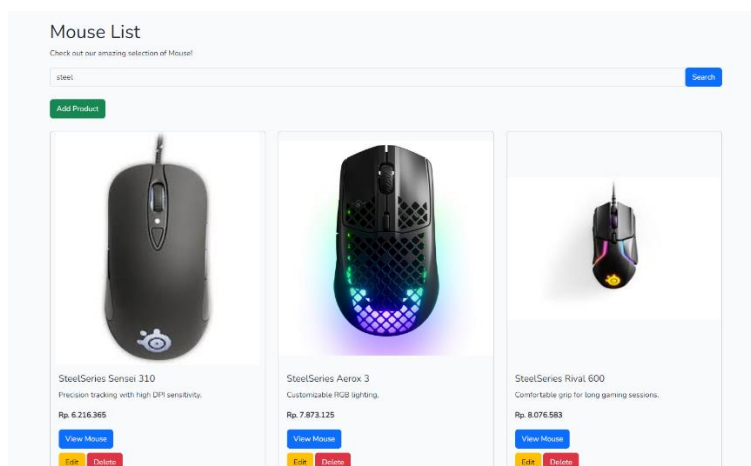
```



Tampilan 'Product' page untuk '@admin.com' akan bisa menghapus langsung produk dengan menekan tombol 'delete'

e. Fitur Search :

- Pada 'Product' page, akan ada search bar mempermudah untuk user ataupun admin dalam pencarian produk tertentu.



Contoh jika kita search suatu nama produk pada website ini.

```

public function product(Request $request)
{
    $search = $request->input('search'); //mengisi variable search dengan hasil inputan user
    if ($search) {
        $product = product::where('name', 'like', '%' . strtolower($search) . '%');
        //membuat case-insensitive, % -> pencarian tidak hanya untuk kata yang dimulai dengan atau diakhiri oleh $search, tetapi juga untuk kata yang mengandung kata pencarian d
    } else {
        $product = product::query(); //mengembalikan data tanpa filter
    }
}

```

Coding Search Pada Controller

f. Checkout :

- Tiap produk dapat dibeli/di checkout oleh user.
- Setelah checkout, akan berpindah ke tampilan “Sucessfully Purchased” dan pada tampilan itu akan ada tombol yang bisa kembali ke halaman produk list untuk user melihat kembali list-list produk pada website kami.

Sharkoon SKILLER SGM1



Perfect for FPS games.

Rp. 4.131.699

Checkout

Tampilan tiap satu produk yang di bawah harga akan ada tombol checkout

MikeGlo Home Products Contact

glo ▼



## Successfully Purchased

Thank you for your purchase of Redragon M602 RGB! We hope you enjoy your new product.

Continue Shopping

Tampilan setelah Checkout diklik

```
index.blade.php  econtroll.php  checkout.blade.php X  product.blade.php

sources > views > checkout.blade.php
1 @extends('layouts.app')
2
3 @section('content')
4 <div class="container text-center mt-5">
5     <div class="card mx-auto" style="width: 50%;">
6         <div class="card-body">
7             <h1 class="text-success">
8                 <i class="bi bi-check-circle-fill"></i>
9             </h1>
10            <h2>Successfully Purchased</h2>
11            <p>Thank you for your purchase of {{ $product->name }}! We hope you enjoy your new product.</p>
12            <a href="{{ route('product.search') }}" class="btn btn-primary">Continue Shopping</a>
13        </div>
14    </div>
15 </div>
16 @endsection
```

## ROUTE UNTUK SETIAP CODING

```
index.blade.php  econtroll.php  checkout.blade.php  product.blade.php  web.php

sources > web.php
1 <?php
2
3 use App\Http\Controllers\commentcontroll;
4 use App\Http\Controllers\econtroll;
5 use App\Http\Controllers\pcontroll;
6 use Illuminate\Support\Facades\Route;
7 use Illuminate\Support\Facades\Auth;
8 use App\Http\Middleware\AdminMiddleware;
9
10 Route::get('/', [econtroll::class, 'index']);
11
12 Route::get('/product', [econtroll::class, 'product'])->name('product.search');
13
14 Route::get('/product/{id}', [econtroll::class, 'show'])->name('product.show');
15
16 Route::get('/contact', [econtroll::class, 'contact']);
17
18 Auth::routes();
19
20 Route::get('/home', [App\Http\Controllers\HomeController::class, 'index'])->name('home');
21
22 Route::post('product/{productId}/comments', [commentcontroll::class, 'store'])->name('comment.store');
23
24 Route::middleware(['auth'])->group(function () {
25     Route::middleware(AdminMiddleware::class)->group(function () {
26         Route::get('/admin/product/create', [pcontroll::class, 'create'])->name('admin.product.create');
27         Route::post('/admin/product', [pcontroll::class, 'store'])->name('admin.product.store');
28         Route::get('/admin/product/{id}/edit', [pcontroll::class, 'edit'])->name('admin.product.edit');
29         Route::put('/admin/product/{id}', [pcontroll::class, 'update'])->name('admin.product.update');
30         Route::delete('/admin/product/{id}', [pcontroll::class, 'destroy'])->name('admin.product.destroy');
31     });
32 });
33
34 Route::post('/checkout/{id}', [pcontroll::class, 'processCheckout'])->name('checkout.process');
35
```

## 3. Panduan Instalasi dan Penggunaan

- a. Jika download dengan Git Clone :



- git clone <repository-url>
- cd <nama-folder-proyek>
- composer install
- cp .env.example .env
- php artisan key:generate
- touch database/database.sqlite
- php artisan migrate:fresh --seed
- composer require laravel/ui
- php artisan ui bootstrap --auth
- npm install && npm run dev
- php artisan serve (tekan & tahan ctrl + click url "[http://127.0.0.1:8000]" untuk mengakses website.

#### 4. Struktur Tabel Database

