Eshop – DataStruture Diagram

1--Authenicationg Setup

// AppServiceProvider.php

    public *function* boot()

    {

*Schema*::defaultStringLength(191);

    }

Create users migration

// users\_table\_migration

    public *function* up()

    {

*Schema*::create('users', *function* (*Blueprint* $table) {

            $table->id();

            $table->string('name');

            $table->string('email')->unique();

            $table->timestamp('email\_verified\_at')->nullable();

            $table->string('password');

            $table->tinyInteger('role\_as')->default('0');

            $table->rememberToken();

            $table->timestamps();

        });

    }

// php artisan migrate

Create Admin Middleware

// php artisan make:middleware AdminMiddleware

//  AdminMiddleware.php

    public *function* handle(*Request* $request, *Closure* $next)

    {

        if(*Auth*::check())

        {

            if(*Auth*::user()->role\_as == '1')

            {

                return $next($request);

            }

            else

            {

                return redirect('/home')->with('status','Access Denied! as you are not as admin');

            }

        }

        else

        {

            return redirect('/home')->with('status','Please Login First');

        }

    }

kernal.php

protected $routeMiddleware = [

        'isAdmin' => \App\Http\Middleware\*AdminMiddleware*::class,

    ];

LoginController.php

// Login Controller

// protected $redirectTo = RouteServiceProvider::HOME;

    protected *function* authenticated()

    {

        if(*Auth*::user()->role\_as == '1') //1 = Admin Login

        {

            return redirect('admin/dashboard')->with('status','Welcome to your dashboard');

        }

        elseif(*Auth*::user()->role\_as == '0') // Normal or Default User Login

        {

            return redirect('/')->with('status','Logged in successfully');

        }

    }

web.php

*Route*::get('/', *function* () {

    return view('welcom');

});

*Auth*::routes();

*Route*::middleware(['auth', 'isAdmin'])->group(*function* () {

*Route*::get('/dashboard',*function*(){

        return 'This is Admin Page'

    })

});

2—Admin Panal Setup

// categories\_table\_migration

*Schema*::create('categories', *function* (*Blueprint* $table) {

            $table->id();

            $table->string('name');

            $table->string('slug');

            $table->longText('description');

            $table->tinyInteger('status')->default('0');

            $table->tinyInteger('popular')->default('0');

            $table->string('image');

            $table->string('meta\_title');

            $table->string('meta\_description');

            $table->string('meta\_keywords');

            $table->timestamps();

        });

// products\_table\_migration

*Schema*::create('products', *function* (*Blueprint* $table) {

            $table->id();

            $table->bigInteger('cate\_id');

            $table->string('name');

            $table->mediumText('small\_description');

            $table->longText('description');

            $table->string('original\_price');

            $table->string('selling\_price');

            $table->string('image');

            $table->string('qty');

            $table->string('tax');

            $table->tinyInteger('status');

            $table->tinyInteger('trending');

            $table->mediumText('meta\_title');

            $table->mediumText('meta\_keywords');

            $table->mediumText('meta\_description');

            $table->timestamps();

        });

// Product.php

public *function* category(){

        return $this->belongsTo(*Category*::class,'cate\_id','id');

    }

Category CRUD

*Route*::resource('category',*CategoryController*::class);

// Backend/CategoryController

*class* CategoryController extends *Controller*

{

    public *function* index(){

        $category = *Category*::all();

        return view('backend.category.index',compact('category'));

    }

    public *function* create(){

        return view('backend.category.create');

    }

    public *function* store(*Request* $request){

        $category = new *Category*();

        if($request->hasFile('image'))

        {

            $file = $request->file('image');

            $ext = $file->getClientOriginalExtension();

            $filename = time().'.'.$ext;

            $file->move('assets/uploads/category/',$filename);

            $category->image = $filename;

        }

        $category->name = $request->input('name');

        $category->slug = $request->input('slug');

        $category->description = $request->input('description');

        $category->status = $request->input('status') == TRUE ? '1':'0';

        $category->popular = $request->input('popular') == TRUE ? '1':'0';

        $category->meta\_title = $request->input('meta\_title');

        $category->meta\_keywords = $request->input('meta\_keywords');

        $category->meta\_description = $request->input('meta\_description');

        $category->save();

        return redirect()->route('category.index')->with('success',"Categroy Created Successfully");

    }

    public *function* show(){

    }

    public *function* edit($id){

        $category = *Category*::find($id);

        return view('backend.category.edit',compact('category'));

    }

    public *function* update(*Request* $request,$id){

        $category = *Category*::find($id);

        if($request->hasFile('image'))

        {

            $path = 'assets/uploads/category/'.$category->image;

            if(*File*::exists($path))

            {

*File*::delete($path);

            }

            $file = $request->file('image');

            $ext = $file->getClientOriginalExtension();

            $filename = time().'.'.$ext;

            $file->move('assets/uploads/category/',$filename);

            $category->image = $filename;

        }

        $category->name = $request->input('name');;

        $category->slug = $request->input('slug');

        $category->description = $request->input('description');

        $category->status = $request->input('status') == TRUE ? '1' : '0';

        $category->popular = $request->input('name') == TRUE ? '1' : '0';

        $category->meta\_title = $request->input('meta\_title');

        $category->meta\_keywords = $request->input('meta\_keywords');

        $category->meta\_description = $request->input('meta\_description');

        $category->update();

        return redirect()->route('category.index')->with('success','Category Updated Successfully');

    }

    public *function* destroy($id){

        $category = *Category*::findOrFail($id);

        if($category->image){

            $path = 'assets/uploads/category/'.$category->image;

            if(*File*::exists($path)){

*File*::delete($path);

            }

        }

        $category->delete();

        return redirect()->route('category.index')->with('success','Category Deleted Successfully');

    }

}

Product CRUD

*Route*::resource('product',*ProductController*::class);

// Backend/PrductController

*class* ProductController extends *Controller*

{

    /\*\*

     \* Display a listing of the resource.

     \*

     \* @return \Illuminate\Http\*Response*

     \*/

    public *function* index()

    {

        $product = *Product*::all();

        return view('backend.product.index',compact('product'));

    }

    /\*\*

     \* Show the form for creating a new resource.

     \*

     \* @return \Illuminate\Http\*Response*

     \*/

    public *function* create()

    {   $category = *Category*::all();

        return view('backend.product.create',compact('category'));

    }

    /\*\*

     \* Store a newly created resource in storage.

     \*

     \* @param  \Illuminate\Http\*Request*  $request

     \* @return \Illuminate\Http\*Response*

     \*/

    public *function* store(*Request* $request)

    {

        $product = new *Product*();

        if($request->hasFile('image'))

        {

            $file = $request->file('image');

            $ext = $file->getClientOriginalExtension();

            $filename = time().'.'.$ext;

            $file->move('assets/uploads/product/',$filename);

            $product->image = $filename;

        }

        $product->cate\_id = $request->input('category\_id');

        $product->name = $request->input('name');

        $product->slug = $request->input('slug');

        $product->small\_description = $request->input('small\_description');

        $product->description = $request->input('description');

        $product->original\_price = $request->input('original\_price');

        $product->selling\_price = $request->input('selling\_price');

        $product->tax = $request->input('tax');

        $product->qty = $request->input('qty');

        $product->status = $request->input('status') == TRUE ? '1':'0';

        $product->trending = $request->input('trending') == TRUE ? '1':'0';

        $product->meta\_title = $request->input('meta\_title');

        $product->meta\_keywords = $request->input('meta\_keywords');

        $product->meta\_description = $request->input('meta\_description');

        $product->save();

        return redirect()->route('product.index')->with('success',"Product Created Successfully");

    }

    /\*\*

     \* Display the specified resource.

     \*

     \* @param  \App\Models\*Product*  $product

     \* @return \Illuminate\Http\*Response*

     \*/

    public *function* show(*Product* $product)

    {

    }

    /\*\*

     \* Show the form for editing the specified resource.

     \*

     \* @param  \App\Models\*Product*  $product

     \* @return \Illuminate\Http\*Response*

     \*/

    public *function* edit(*Product* $product)

    {

        $category = *Category*::all();

        return view('backend.product.edit',compact('product','category'));

    }

    /\*\*

     \* Update the specified resource in storage.

     \*

     \* @param  \Illuminate\Http\*Request*  $request

     \* @param  \App\Models\*Product*  $product

     \* @return \Illuminate\Http\*Response*

     \*/

    public *function* update(*Request* $request, *Product* $product)

    {

        if($request->hasFile('image'))

        {

            $path = 'assets/uploads/product/'.$product->image;

            if(*File*::exists($path))

            {

*File*::delete($path);

            }

            $file = $request->file('image');

            $ext = $file->getClientOriginalExtension();

            $filename = time().'.'.$ext;

            $file->move('assets/uploads/product/',$filename);

            $product->image = $filename;

        }

        $product->cate\_id = $request->input('category\_id');

        $product->name = $request->input('name');

        $product->slug = $request->input('slug');

        $product->small\_description = $request->input('small\_description');

        $product->description = $request->input('description');

        $product->original\_price = $request->input('original\_price');

        $product->selling\_price = $request->input('selling\_price');

        $product->tax = $request->input('tax');

        $product->qty = $request->input('qty');

        $product->status = $request->input('status') == TRUE ? '1':'0';

        $product->trending = $request->input('trending') == TRUE ? '1':'0';

        $product->meta\_title = $request->input('meta\_title');

        $product->meta\_keywords = $request->input('meta\_keywords');

        $product->meta\_description = $request->input('meta\_description');

        $product->update();

        return redirect()->route('product.index')->with('success','Product Updated Successfully');

    }

    /\*\*

     \* Remove the specified resource from storage.

     \*

     \* @param  \App\Models\*Product*  $product

     \* @return \Illuminate\Http\*Response*

     \*/

    public *function* destroy(*Product* $product)

    {

        if($product->image){

            $path = 'assets/uploads/product/'.$product->image;

            if(*File*::exists($path))

            {

*File*::delete($path);

            }

        }

        $product->delete();

        return redirect()->route('product.index')->with('success','Product Deleted Successfully');

    }

}

Frontend Controller

*class* FrontendController extends *Controller*

{

    public *function* index()

    {

        $trending\_product = *Product*::where('trending','1')->take(10)->get();

        $popular\_category = *Category*::where('popular','1')->take(10)->get();

        return view('frontend.index',compact('trending\_product','popular\_category'));

    }

    public *function* category(){

       $categories = *Category*::where('status','0')->get();

        return view('frontend.category',compact('categories'));

    }

}