*Visoka škola strukovnih studija za*

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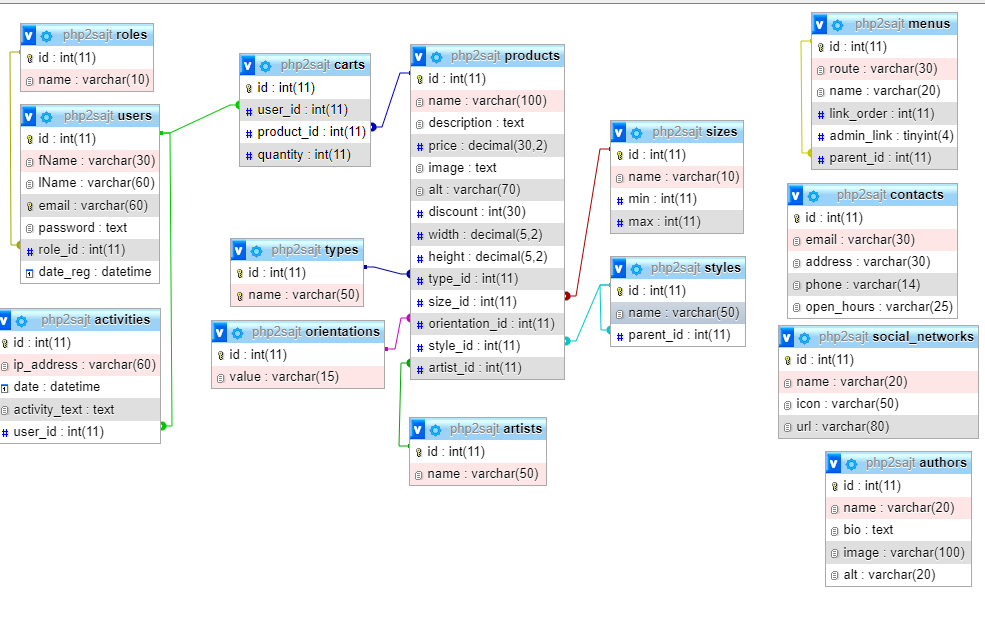
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# **Database**



# 

# **Code**

## **Routes**

<?php

use Illuminate\Support\Facades\Route;

Route::get('/',function (){

    return redirect()->route('shop');

});

Route::get('/contact',[App\Http\Controllers\PagesController::class,'contact'])->name('contact');

Route::get('/about',[App\Http\Controllers\PagesController::class,'about'])->name('about');

Route::post('/sendEmail',[App\Http\Controllers\UserController::class,'sendEmail'])->name('sendEmail');

Route::post('/checkout',[App\Http\Controllers\CartController::class,'Checkout'])->name('checkout');

Route::prefix('shop')->group(function(){

    Route::get('/',[App\Http\Controllers\ShopController::class,'index'])->name('shop');

    Route::get('/products/{id}',[App\Http\Controllers\ShopController::class,'show'])->name('shop.product');

    Route::get('/products',[App\Http\Controllers\ProductController::class,'filter']);

});

Route::group(['prefix' => 'cart', 'middleware' => 'auth.user'],function(){

    Route::get('/',[\App\Http\Controllers\CartController::class,'index'])->name('cart');

    Route::post('/add',[\App\Http\Controllers\CartController::class,'addOrUpdateItem']);

    Route::delete('/delete',[\App\Http\Controllers\CartController::class,'deleteFromCart']);

});

Route::group(['prefix' => 'admin', 'middleware' => 'auth.admin'],function(){

    Route::get('/activity',[\App\Http\Controllers\ActivityController::class,'index'])->name('admin');

    Route::get('/activities',[\App\Http\Controllers\ActivityController::class,'sort']);

    Route::get('/users',[\App\Http\Controllers\UserController::class,'index'])->name('admin.users');

    Route::get('/paintings',[\App\Http\Controllers\ProductController::class,'index'])->name('admin.paintings');

    Route::get('/contact',[\App\Http\Controllers\ContactController::class,'index'])->name('admin.contact');

    Route::post('/contact/update',[\App\Http\Controllers\ContactController::class,'updateContactInfo'])->name('contact.update');

    Route::get('/styles',[\App\Http\Controllers\FilterController::class,'showStyles'])->name('admin.styles');

    Route::get('/types',[\App\Http\Controllers\FilterController::class,'showTypes'])->name('admin.types');

    Route::get('/artists',[\App\Http\Controllers\FilterController::class,'showArtists'])->name('admin.artists');

    Route::get('/author',[\App\Http\Controllers\AuthorController::class,'index'])->name('admin.author');

    Route::post('/update/a',[\App\Http\Controllers\AuthorController::class,'updateAuthorInfo'])->name('a.update');

});

Route::group(['prefix'=>'user','middleware'=>'auth.admin'],function(){

   Route::get("/delete",[\App\Http\Controllers\UserController::class,'deleteUser']);

   Route::get("/filter",[\App\Http\Controllers\UserController::class,'filterUser']);

});

Route::group(['prefix'=>'paintings','middleware'=>'auth.admin'],function(){

    Route::get("/delete",[\App\Http\Controllers\ProductController::class,'deleteProduct']);

    Route::get("/id",[\App\Http\Controllers\ProductController::class,'getSingleProduct']);

    Route::post("/update",[\App\Http\Controllers\ProductController::class,'updateProduct']);

    Route::post("/store",[\App\Http\Controllers\ProductController::class,'addNewProduct'])->name('painting.store');

});

Route::middleware('auth.admin')->group(function(){

    Route::post('/style/store',[\App\Http\Controllers\FilterController::class,'storeStyle'])->name('style.store');

    Route::post('/style/delete',[\App\Http\Controllers\FilterController::class,'deleteStyle']);

    Route::post('/types/store',[\App\Http\Controllers\FilterController::class,'storeType'])->name('type.store');

    Route::post('/types/delete',[\App\Http\Controllers\FilterController::class,'deleteType']);

    Route::post('/artist/store',[\App\Http\Controllers\FilterController::class,'storeArtist'])->name('artist.store');

    Route::post('/artist/delete',[\App\Http\Controllers\FilterController::class,'deleteArtist']);

});

//Route::get('/test',[\App\Http\Controllers\HomeController::class,'test']);

Route::post("/login",[App\Http\Controllers\AuthController::class,'login']);

Route::post("/register", [App\Http\Controllers\AuthController::class,'register']);

Route::get("/logout", [App\Http\Controllers\AuthController::class,'logout']);

## **Middleware**

<?php

namespace App\Http\Middleware;

use Closure;

use Illuminate\Http\Request;

class AdminCheckMiddleware

{

    /\*\*

     \* Handle an incoming request.

     \*

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

     \* @param  \Closure  $next

     \* @return mixed

     \*/

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

    {

        if($request->session()->has('user')){

            if(session('user')->role\_id==2){

                return $next($request);

            }

        }

        abort(403);

    }

}

<?php

namespace App\Http\Middleware;

use Closure;

use Illuminate\Http\Request;

class UserCheckMiddleware

{

    /\*\*

     \* Handle an incoming request.

     \*

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

     \* @param  \Closure  $next

     \* @return mixed

     \*/

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

    {

        if($request->session()->has('user')){

                return $next($request);

            }

        abort(403);

    }

}

## **Requests**

### Register Request

<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class RegistrationRequest extends FormRequest

{

    /\*\*

     \* Determine if the user is authorized to make this request.

     \*

     \* @return bool

     \*/

    public function authorize()

    {

        return true;

    }

    /\*\*

     \* Get the validation rules that apply to the request.

     \*

     \* @return array

     \*/

    public function rules()

    {

        return [

            "fname" => ["required", "regex:/^[A-Z][a-z]{2,19}(\s[A-Z][a-z]{2,19})\*$/"],

            "lname" => ["required", "regex:/^[A-Z][a-z]{2,19}(\s[A-Z][a-z]{2,19})\*$/"],

            "email" => ["required", "unique:users,email", "regex:/^([a-z]{3,}\d{0,}\@((gmail|yahoo)\.com)|ict\.edu\.rs)|([a-z]{3,}\d{0,}\.[a-z]{3,}\d{0,}\@((gmail|yahoo)\.com)|ict\.edu\.rs)$/"],

            "password" => ["required", "regex:/^(?:(?=.\*\d)(?=.\*[a-z])(?=.\*[A-Z]).{8,15})$/"],

            "passCheck"=> "required|same:password"

        ];

    }

    public function messages(){

        return [

            "required" => "This field is required.",

            "passCheck.same" => "Password and repeat password don't match.",

            "email.email" => "Email is not in valid format.",

            "email.unique" => "This email has already been registered."

        ];

    }

}

### Login Request

<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class LoginRequest extends FormRequest

{

    /\*\*

     \* Determine if the user is authorized to make this request.

     \*

     \* @return bool

     \*/

    public function authorize()

    {

        return true;

    }

    /\*\*

     \* Get the validation rules that apply to the request.

     \*

     \* @return array

     \*/

    public function rules()

    {

        return [

            "email" => ["required", "exists:users,email", "regex:/^([a-z]{3,}\d{0,}\@((gmail|yahoo)\.com)|ict\.edu\.rs)|([a-z]{3,}\d{0,}\.[a-z]{3,}\d{0,}\@((gmail|yahoo)\.com)|ict\.edu\.rs)$/"],

            "pass" => "required|regex:/^(?:(?=.\*\d)(?=.\*[a-z])(?=.\*[A-Z]).{8,15})$/"

        ];

    }

    public function messages(){

        return [

            "email.exists" => "This email address is not registered!",

            "required" => "This field is required."

        ];

    }

}

### Store Artist Request

<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class StoreArtistRequest extends FormRequest

{

    /\*\*

     \* Determine if the user is authorized to make this request.

     \*

     \* @return bool

     \*/

    public function authorize()

    {

        return true;

    }

    /\*\*

     \* Get the validation rules that apply to the request.

     \*

     \* @return array

     \*/

    public function rules()

    {

        return [

            'name'=>['required','regex:/^[A-ZÀÈÌÒÙÁÉÍÓÚÝÂÊÎÔÛÃÑÕÄËÏÖÜŸÇßØÅÆ][a-zàèìòùáéíóúýâêîôûãñõäëïöüÿçøåæœ]{2,19}([\s-][A-ZÀÈÌÒÙÁÉÍÓÚÝÂÊÎÔÛÃÑÕÄËÏÖÜŸÇßØÅÆ][a-zàèìòùáéíóúýâêîôûãñõäëïöüÿçøåæœ]{2,19})\*$/']

        ];

    }

    public function messages()

    {

        return [

            'required'=> ':attribute is required',

            'name.regex'=>'Name mnot valid'

        ];

    }

}

### Store Product Request

<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class StoreProductRequest extends FormRequest

{

    /\*\*

     \* Determine if the user is authorized to make this request.

     \*

     \* @return bool

     \*/

    public function authorize()

    {

        return true;

    }

    public function rules()

    {

        return [

            'ime'=>'required|regex:/^[A-zàèìòùÀÈÌÒÙáéíóúýÁÉÍÓÚÝâêîôûÂÊÎÔÛãñõÃÑÕäëïöüÿÄËÏÖÜŸçÇßØøÅåÆæœ\d\_.()"’\'#,-]{1,70}(\s[A-zàèìòùÀÈÌÒÙáéíóúýÁÉÍÓÚÝâêîôûÂÊÎÔÛãñõÃÑÕäëïöüÿÄËÏÖÜŸçÇßØøÅåÆæœ\d\_.()#’\'",-]{1,70})\*$/',

            'opis'=>'nullable|regex:/^[A-Z\d]([A-z\s\d.()\',;"&-?!])+$/',

            'cena'=>'required|numeric|gt:0',

            'popust'=>'nullable|numeric|gte:0',

            'tip'=>'required|exists:types,id',

            'stil'=>'required|exists:styles,id',

            'umetnik'=>'required|exists:artists,id',

            'sirina'=>'required|numeric|gt:0',

            'visina'=>'required|numeric|gt:0',

            'slika'=>'required|mimes:jpg,jpeg,png|max:3000'

        ];

    }

    public function messages()

    {

        return [

            'required'=>':attribute is required',

            'opis.regex'=>'Description must begin with an uppercased letter',

            'cena'=>'Price must be greater than zero.',

            'popust'=>'Discount must be greater than zero.',

            'ime.regex'=>'Name is not valid',

            'tip.exists'=>'This type does not exist.',

            'stil.exists'=>'This style does not exist.',

            'umetnik.exists'=>'This artist does not exist.',

            'sirina'=>'Width must be greater than zero',

            'visina'=>'Height must be greater than zero',

            'slika.max'=>'Max file size is 3MB',

            'slika.mimes'=>'File must be in jpg or png format'

        ];

    }

}

### Store Style Request

<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class StoreStyleRequest extends FormRequest

{

    /\*\*

     \* Determine if the user is authorized to make this request.

     \*

     \* @return bool

     \*/

    public function authorize()

    {

        return true;

    }

    /\*\*

     \* Get the validation rules that apply to the request.

     \*

     \* @return array

     \*/

    public function rules()

    {

        return [

            'pStyle'=>["nullable",'exists:styles,id'],

            'name' =>['required','regex:/([A-Z][A-z,\s]+)/']

        ];

    }

    public function messages()

    {

        return [

            'pStyle.exists'=>'This style does not exist',

            'name.regex' =>'Name must start with an uppercased leter, and can only alphabet signs and if needed charachter ,'

        ];

    }

}

### Store Type Request

<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class StoreTypeRequest extends FormRequest

{

    /\*\*

     \* Determine if the user is authorized to make this request.

     \*

     \* @return bool

     \*/

    public function authorize()

    {

        return true;

    }

    /\*\*

     \* Get the validation rules that apply to the request.

     \*

     \* @return array

     \*/

    public function rules()

    {

        return [

            'name'=>['required','regex:/([A-Z][A-z\s-]+)/']

        ];

    }

    public function messages()

    {

        return [

            'required'=>':attribute is required',

            'name.regex'=>'Name must start with an uppercased letter, and can contain character - if needed'

        ];

    }

}

### Update Author Info Request

<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class UpdateAuthorInfoRequest extends FormRequest

{

    /\*\*

     \* Determine if the user is authorized to make this request.

     \*

     \* @return bool

     \*/

    public function authorize()

    {

        return true;

    }

    /\*\*

     \* Get the validation rules that apply to the request.

     \*

     \* @return array

     \*/

    public function rules()

    {

        return [

            'name'=>["regex:/^[A-Z][a-z]{2,19}(\s[A-Z][a-z]{2,19})\*$/"],

            'bio'=>["regex:/^[A-Z\d]([A-z\s\d.()',;\"&-?!])+$/"],

            'image'=>'mimes:jpg,jpeg,png|max:3000'

        ];

    }

    public function messages()

    {

        return [

            'name.regex'=>'Name not in valid format',

            'bio.regex'=>'Bio is not in valid format',

            'image.mimes'=>'Suported types are jpg,png,jpeg',

            'image.max'=>'Max file size iz 3MB'

        ];

    }

}

### Update Contact Info Request

<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class UpdateContactInfoRequest extends FormRequest

{

    /\*\*

     \* Determine if the user is authorized to make this request.

     \*

     \* @return bool

     \*/

    public function authorize()

    {

        return true;

    }

    /\*\*

     \* Get the validation rules that apply to the request.

     \*

     \* @return array

     \*/

    public function rules()

    {

        return [

            'email'=>["regex:/^([a-z]{3,}\d{0,}\@((gmail|yahoo)\.com)|ict\.edu\.rs)|([a-z]{3,}\d{0,}\.[a-z]{3,}\d{0,}\@((gmail|yahoo)\.com)|ict\.edu\.rs)$/"],

            'address'=>'regex:/^[A-Z\d]([A-z\s\d.(),"&-\'?!])+$/',

            'phone'=>'numeric',

            'hours'=>'regex:/^[A-Z\d]([A-z\s\d.(),"&--\'?!:])+$/'

        ];

    }

    public function messages()

    {

        return [

          'email.regex'=>'Email must be google/yahoo and must contain @',

          'regex'=>'The :attribute can\'t contain ;',

          'numeric'=>'The :attribute Must be a number'

        ];

    }

}

### Send Mail Request

<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class SendMailRequest extends FormRequest

{

    /\*\*

     \* Determine if the user is authorized to make this request.

     \*

     \* @return bool

     \*/

    public function authorize()

    {

        return true;

    }

    /\*\*

     \* Get the validation rules that apply to the request.

     \*

     \* @return array

     \*/

    public function rules()

    {

        return [

            'name'=>['required','regex:/^[A-ZÀÈÌÒÙÁÉÍÓÚÝÂÊÎÔÛÃÑÕÄËÏÖÜŸÇßØÅÆ][a-zàèìòùáéíóúýâêîôûãñõäëïöüÿçøåæœ]{2,19}([\s-][A-ZÀÈÌÒÙÁÉÍÓÚÝÂÊÎÔÛÃÑÕÄËÏÖÜŸÇßØÅÆ][a-zàèìòùáéíóúýâêîôûãñõäëïöüÿçøåæœ]{2,19})\*$/'],

            'email'=>["required","regex:/^([a-z]{3,}\d{0,}\@((gmail|yahoo)\.com)|ict\.edu\.rs)|([a-z]{3,}\d{0,}\.[a-z]{3,}\d{0,}\@((gmail|yahoo)\.com)|ict\.edu\.rs)$/"],

            'subject'=>'required|regex:/^[A-Z\d]([A-z\s\d.()\',;"&-?!])+$/',

            'message'=>'required|regex:/^[A-Z\d]([A-z\s\d.()\',;"&-?!])+$/'

        ];

    }

    public  function messages()

    {

        return [

            'required'=>":attribute is required",

            'regex'=>"Input is not valid"

        ];

    }

}

### Update Product Request

<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class UpdateProductRequest extends FormRequest

{

    /\*\*

     \* Determine if the user is authorized to make this request.

     \*

     \* @return bool

     \*/

    public function authorize()

    {

        return true;

    }

    /\*\*

     \* Get the validation rules that apply to the request.

     \*

     \* @return array

     \*/

    public function rules()

    {

        return [

            'id'=>'required|exists:products,id',

            'desc'=>'nullable|regex:/^[A-Z\d]([A-z\s\d.(),"&--\'?!])+$/',

            'price'=>'numeric|gt:0',

            'disc'=>'numeric|gte:0',

            'name'=>'regex:/^[A-zàèìòùÀÈÌÒÙáéíóúýÁÉÍÓÚÝâêîôûÂÊÎÔÛãñõÃÑÕäëïöüÿÄËÏÖÜŸçÇßØøÅåÆæœ\d\_.()"’\'#,-]{1,70}(\s[A-zàèìòùÀÈÌÒÙáéíóúýÁÉÍÓÚÝâêîôûÂÊÎÔÛãñõÃÑÕäëïöüÿÄËÏÖÜŸçÇßØøÅåÆæœ\d\_.()#’\'",-]{1,70})\*$/',

            'type'=>'exists:types,id',

            'style'=>'exists:styles,id',

            'artist'=>'exists:artists,id',

            'w'=>'numeric|gt:0',

            'h'=>'numeric|gt:0'

        ];

    }

    public function messages()

    {

        return [

            'required'=>'This field is required',

            'desc.regex'=>'Description must begin with an uppercased letter',

            'price'=>'Price must be greater than zero.',

            'disc'=>'Discount must be greater than zero.',

            'name.regex'=>'Name is not valid',

            'type.exists'=>'This type does not exist.',

            'style.exists'=>'This style does not exist.',

            'artist.exists'=>'This artist does not exist.',

            'w'=>'Width must be greater than zero',

            'h'=>'Height must be greater than zero'

        ];

    }

}

## **Controllers**

### HomeController

<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class HomeController extends FrontController

{

    public function index()

    {

        return view('pages.home',$this->data);

    }

}

### FrontController

<?php

namespace App\Http\Controllers;

use App\Models\Menu;

use Illuminate\Http\Request;

class FrontController extends Controller

{

    protected $data;

    protected $model;

    public function \_\_construct(){

        $this->data['nav'] = Menu::getMenu(0);

        //dd($this->data['menu']);

    }

}

### BackController

<?php

namespace App\Http\Controllers;

use App\Models\Activity;

use App\Models\Menu;

use Illuminate\Http\Request;

class BackController extends Controller

{

    private $model;

    protected $activity;

    protected $data;

    public function \_\_construct()

    {

        $this->data['nav'] = Menu::getMenu(1);

        $this->activity = new Activity();

    }

}

### PagesController

<?php

namespace App\Http\Controllers;

use App\Models\Author;

use App\Models\Contact;

use App\Models\SocialNetwork;

use Illuminate\Http\Request;

class PagesController extends FrontController

{

    public function about(){

        $this->data['author'] = Author::getAuthorInfo();

        $this->data['socials'] = SocialNetwork::getSocialNetworks();

        //dd($this->data);

        return view('pages.about',$this->data);

    }

    public function contact(){

        $this->data['contact'] = Contact::select('\*')->first();

        return view('pages.contact',$this->data);

    }

}

### UserController

<?php

namespace App\Http\Controllers;

use App\Http\Requests\SendMailRequest;

use App\Models\Role;

use App\Models\User;

use Illuminate\Http\Request;

use Illuminate\Support\Facades\Mail;

class UserController extends BackController

{

    public function index(){

        $this->data['users'] = User::getUsers(1)->paginate(10);

        $this->data['roles'] = Role::getRoles();

        return view('pages.admin.users',$this->data);

    }

    public function deleteUser(Request $request){

        $id = $request->input('uid');

        $user = User::find($id);

        $role = $user->role->id;

        try{

            $result = User::deleteUser($id);

            if($result){

                $activity = "\n admin ".session()->get('user')->email." removed user (id: ".$id.") from IP: ".$request->getClientIp();

                $this->activity->writeActivityInFile($activity);

                $this->activity->storeActivityInDatabase(session()->get('user')->id,$request->getClientIp(),'Removed user with ID:'.$id);

                return response()->json(['data'=>'User is deleted']);

            }

        }catch (\Exception $ex){

            return response()->json(['message'=>$ex->getMessage()],500);

        }

    }

    public function filterUser(Request $request){

        $role = $request->role;

        $users = User::with('role')->where('role\_id',$role)->paginate(10);

        return response()->json($users);

    }

    public function sendEmail(SendMailRequest $request){

        //dd($request->input());

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

        $email = $request->input('email');

        $subject = $request->input('subject');

        $msg = $request->input('message');

        $data = array('name'=>$name,'email'=>$email,'messages'=>$msg);

        Mail::send('partials.neZnamSto',$data,function($message)use($name,$email,$subject){

            $message->to('jovana.laza00@gmail.com', 'Jovana Lazarevic')->subject($subject);

            $message->from($email,$name);

        });

        return redirect()->route('contact')->with('message', 'Message sent!');

    }

}

### ShopController

<?php

namespace App\Http\Controllers;

use App\Models\Artist;

use App\Models\Orientation;

use App\Models\Product;

use App\Models\Size;

use App\Models\Style;

use App\Models\Type;

use Illuminate\Http\Request;

class ShopController extends FrontController

{

    const PRODUCTS\_LIMIT = 8;

    public function show(Product $id){

        $this->data['product'] = $id;

        return view('pages.product.show',$this->data);

    }

     public function index(){

            $this->data['styles'] = Style::getStylesWithNoParent();

            $this->data['types'] = Type::getTypes();

            $this->data['orientations'] = Orientation::getOrientations();

            $this->data['sizes'] = Size::getSizes();

            $this->data['sorting'] = [

                    "0"=>'Sort By',

                    "price-asc"=>'Lowest price',

                    'price-desc'=>'Highest price',

                    "id-desc"=>'Latest products',

            ];

            $this->data['products'] = Product::select('\*')->paginate(self::PRODUCTS\_LIMIT);

            return view('pages.shop',$this->data);

     }

}

### ProductController

<?php

namespace App\Http\Controllers;

use App\Http\Requests\StoreProductRequest;

use App\Http\Requests\UpdateProductRequest;

use App\Models\Artist;

use App\Models\Orientation;

use App\Models\Product;

use App\Models\Size;

use App\Models\Style;

use App\Models\Type;

use http\Env\Response;

use Illuminate\Http\Request;

use Illuminate\Support\Facades\Storage;

class ProductController extends BackController

{

    const PRODUCTS\_LIMIT = 8;

    public function index(){

        $this->data['styles'] = Style::getStylesWithNoParent();

        $this->data['types'] = Type::getTypes();

        $this->data['artists'] = Artist::getArtists();

        $this->data['products'] = Product::with('size')->select('\*')->paginate(self::PRODUCTS\_LIMIT);

        return view('pages.admin.products',$this->data);

    }

    public function filter(Request $request){

        //dd($request->input());

        $type = $request->type;

        $size = $request->size;

        $ori = $request->orientation;

        $styles = $request->styles;

        $sort = $request->sortKey;

        $keyword = $request->keyword;

        $model = new Product();

        $data= $model->filter($type,$size,$ori,$styles,$sort,$keyword)->paginate(self::PRODUCTS\_LIMIT);

        return response()->json($data);

    }

    public function getSingleProduct(Request $request){

        $pid = $request->id;

        $product = Product::with('size')->where('id',$pid)->first();

        return  response()->json(['data'=>$product]);

    }

    public function updateProduct(UpdateProductRequest $request){

        $w = $request->input('w');

        $h = $request->input('h');

        $ori = new Orientation();

        $size = new Size();

        $p = $w\*$h;

        $w == $h ? $ori = $ori->select('id')->where('value','square')->first(): ($w > $h ? $ori = $ori->select('id')->where('value','landscape')->first() : $ori = $ori->select('id')->where('value','portrait')->first());

        $size = $size->select('id')->where('min','<',$p)->where('max','>',$p)->first();

        //dd($ori->id,$size->id,$p);

        try{

            $result = Product::updateProduct($request,$ori->id,$size->id);

            if($result){

                $activity = "\n admin ".session()->get('user')->email." updated product (id: ".$request->input('id').") from IP: ".$request->getClientIp();

                $this->activity->writeActivityInFile($activity);

                $this->activity->storeActivityInDatabase(session()->get('user')->id,$request->getClientIp(),'Updated product with ID:'.$request->input('id'));

                return response()->json(['data'=>'Product is updated']);

            }

        }catch(\Exception $ex){

            return response()->json(['message','No changes have been made']);

        }

    }

    public function addNewProduct(StoreProductRequest $request){

        $w = $request->input('sirina');

        $h = $request->input('visina');

        $ori = new Orientation();

        $size = new Size();

        $p = $w\*$h;

        $w == $h ? $ori = $ori->select('id')->where('value','square')->first(): ($w > $h ? $ori = $ori->select('id')->where('value','landscape')->first() :$ori = $ori->select('id')->where('value','portrait')->first());

        $size = $size->select('id')->where('min','<',$p)->where('max','>',$p)->first();

        $pic = $request->file('slika');

        $name = $pic->getClientOriginalName();

        $path = time()."\_".implode('\_',explode(' ',strtolower($name)));

        $preAlt =explode('.',strtolower($name));

        $alt = strtolower($preAlt[0]);

        $moved = $pic->move(public\_path('assets/images/products'),$path);

        if($moved){

            $result = Product::addNewProduct($request,$ori->id,$size->id,$path,$alt);

            if($result){

                $activity = "\n admin ".session()->get('user')->email." added new product  from IP: ".$request->getClientIp();

                $this->activity->writeActivityInFile($activity);

                $this->activity->storeActivityInDatabase(session()->get('user')->id,$request->getClientIp(),'Added new product');

                return redirect()->route('admin.paintings')->with('message',"Product was successfully created");

            }else{

                return redirect()->route('admin.paintings')->with('error',"Something went wrong, try again later.");

            }

        }

    }

    public function deleteProduct(Request $request)

    {

        $id = $request->input('id');

        $image = Product::select('image')->where('id',$id)->first()->image;

        $image\_path = public\_path('assets/images/products/').$image;

        //dd(file\_exists($image\_path),$image\_path);

        try{

            $result = Product::deleteProduct($id);

            if($result){

                if(file\_exists($image\_path)) {

                    unlink($image\_path);

                }

                $activity = "\n admin ".session()->get('user')->email." removed product (id: ".$id.") from IP: ".$request->getClientIp();

                $this->activity->writeActivityInFile($activity);

                $this->activity->storeActivityInDatabase(session()->get('user')->id,$request->getClientIp(),'Removed product with ID:'.$id);

                return response()->json(['data'=>"Product deleted"]);

            }else{

                return response()->json(['message'=>'Product can\'t be deleted, because it is in an users cart.'],409);

            }

        }catch (\Exception $ex){

            return response()->json(['data'=>$ex->getMessage()]);

        }

    }

}

### FilterController

<?php

namespace App\Http\Controllers;

use App\Http\Requests\StoreArtistRequest;

use App\Http\Requests\StoreProductRequest;

use App\Http\Requests\StoreStyleRequest;

use App\Http\Requests\StoreTypeRequest;

use App\Models\Artist;

use App\Models\Orientation;

use App\Models\Size;

use App\Models\Style;

use App\Models\Type;

use Illuminate\Http\Request;

class FilterController extends BackController

{

    public function showTypes(){

        $this->data['types'] = Type::getTypes();

        return view('partials.filterTypes',$this->data);

    }

    public function showStyles(){

        $this->data['styles'] = Style::all();

        $this->data['stylesNP'] = Style::getStylesWithNoParent();

        return view('partials.filterStyle',$this->data);

    }

    public function showArtists(){

        $this->data['artists'] = Artist::getArtists();

        return view('partials.filterArtists',$this->data);

    }

    public function storeArtist(StoreArtistRequest $request){

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

        $result = Artist::storeArtist($name);

        if($result){

            $activity = "\n admin ".session()->get('user')->email." added new artist from IP: ".$request->getClientIp();

            $this->activity->writeActivityInFile($activity);

            $this->activity->storeActivityInDatabase(session()->get('user')->id,$request->getClientIp(),'Added new artist');

            return redirect()->back()->with('message','Successfully added new artist');

        }else{

            return redirect()->back()->with('error','Something went wrong, please try later!');

        }

    }

    public function deleteArtist(Request $request){

        $id = $request->input('id');

        $result = Artist::deleteArtist($id);

        if($result){

            $activity = "\n admin ".session()->get('user')->email." removed artist (id: ".$id.") from IP: ".$request->getClientIp();

            $this->activity->writeActivityInFile($activity);

            $this->activity->storeActivityInDatabase(session()->get('user')->id,$request->getClientIp(),'Removed artist with ID:'.$id);

            return response()->json(['data'=>'Successfully deleted selected artist']);

        }else{

            return response()->json(['message'=>'Cannot delete, beacuse there is a product made by this artist in cart!'],409);

        }

    }

    public function storeType(StoreTypeRequest $request){

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

        $result = Type::storeType($name);

        if($result){

            $activity = "\n admin ".session()->get('user')->email." added new type from IP: ".$request->getClientIp();

            $this->activity->writeActivityInFile($activity);

            $this->activity->storeActivityInDatabase(session()->get('user')->id,$request->getClientIp(),'Added new type');

            return redirect()->back()->with('message','Successfully added new type');

        }else{

            return redirect()->back()->with('error','Something went wrong, please try later!');

        }

    }

    public function deleteType(Request $request){

        $id = $request->input('id');

        $result = Type::deleteType($id);

        if($result){

            $activity = "\n admin ".session()->get('user')->email." removed type (id: ".$id.") from IP: ".$request->getClientIp();

            $this->activity->writeActivityInFile($activity);

            $this->activity->storeActivityInDatabase(session()->get('user')->id,$request->getClientIp(),'Removed type with ID:'.$id);

            return response()->json(['data'=>'Successfully deleted selected type']);

        }else{

            return response()->json(['message'=>'Cannot delete, beacuse there is a product in cart with this type!'],409);

        }

    }

    public function storeStyle(StoreStyleRequest $request){

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

        $pID = $request->input('pStyle');

        $result = Style::storeStyle($name,$pID);

        if($result){

            $activity = "\n admin ".session()->get('user')->email." added new style from IP: ".$request->getClientIp();

            $this->activity->writeActivityInFile($activity);

            $this->activity->storeActivityInDatabase(session()->get('user')->id,$request->getClientIp(),'Added new style');

            return redirect()->back()->with('message','Successfully added new style');

        }else{

            return redirect()->back()->with('error','Substyle can\'t have its substyle');

        }

    }

    public function deleteStyle(Request $request){

        $id = $request->input('id');

        $result = Style::deleteStyle($id);

        if($result){

            $activity = "\n admin ".session()->get('user')->email." removed style (id: ".$id.") from IP: ".$request->getClientIp();

            $this->activity->writeActivityInFile($activity);

            $this->activity->storeActivityInDatabase(session()->get('user')->id,$request->getClientIp(),'Removed style with ID:'.$id);

            return response()->json(['data'=>'Successfully deleted selected style']);

        }else{

            return response()->json(['message'=>'Cannot delete, beacuse there is a product in cart with this style!'],409);

        }

    }

}

### AuthController

<?php

namespace App\Http\Controllers;

use App\Http\Requests\LoginRequest;

use App\Http\Requests\RegistrationRequest;

use App\Models\Activity;

use App\Models\User;

use Carbon\Carbon;

use Illuminate\Http\Request;

use Illuminate\Support\Facades\Log;

class AuthController extends Controller

{

    private $model;

    private $activity;

    public function \_\_construct()

    {

        $this->model = new User();

        $this->activity = new Activity();

    }

    public function register(RegistrationRequest $request){

        if($request->ajax()){}

        $email = $request->input('email');

        $password = $request->input('password');

        $passCheck = $request->input('passCheck');

        $lname = $request->input('lname');

        $fname = $request->input('fname');

        $role\_id = $request->input('role');;

        $date\_reg = Carbon::now();

        try{

            $result = $this->model->register($fname,$lname,$email,$password,$role\_id,$date\_reg);

            if($result){

                $activity = "\n user new registered - ".$email." from IP: ".$request->getClientIp();

                $this->activity->writeActivityInFile($activity);

                if($role\_id==2){

                    return response()->json(["data"=> "Successfully added new admin."]);

                }else{

                    return response()->json(["data"=>"Successfully registered. Go and log in!"]);

                }

            }

        }catch (\Exception $ex){

            return response()->json(['message'=>'This email has already been registered!']);

        }

    }

    public function login(LoginRequest $request){

        $email = $request->input('email');

        $pass = $request->input('pass');

        try{

            $result = $this->model->login($email);

            if($result){

                //dd($result->password,md5($pass));

                if($result->password == md5($pass)){

                    $request->session()->put('user',$result);

                    $activity = "\n user logged in successfully - email: ".$email." from IP: ".$request->getClientIp();

                    $this->activity->writeActivityInFile($activity);

                    $this->activity->storeActivityInDatabase(session()->get('user')->id,$request->getClientIp(),'User logged in');

                    if($result->role\_id==1){

                        return response()->json(['data'=>''],200);

                    }else{

                        return response()->json(['data'=>'/admin/activity'],200);

                    }

                }else{

                    $activity = "\n user login fail - ".$email." from IP: ".$request->getClientIp();

                    $this->activity->writeActivityInFile($activity);

                    return response()->json(['message'=>'Invalid password'],409);

                }

            }else{

                return response()->json(['message'=>'This email is not registered!'],422);

            }

        }catch (\Exception $ex){

            return response()->json($ex->getMessage());

        }

    }

    public function logout(Request $request){

        if(session()->has('user')){

            $user = session()->get('user');

            $activity = "\n user logout - id:".$user->id ." email:".$user->email." from IP: ".$request->getClientIp();

            $this->activity->writeActivityInFile($activity);

            $this->activity->storeActivityInDatabase($user->id,$request->getClientIp(),'User logged out');

            $request->session()->forget('user');

            $request->session()->flush();

            return redirect()->route('shop');

        }else{

            //abort(403);

            return redirect()->route('shop');

        }

    }

}

### CartController

<?php

namespace App\Http\Controllers;

use App\Models\Activity;

use App\Models\Cart;

use App\Models\User;

use Illuminate\Http\Request;

class CartController extends FrontController

{

    // Po nekoj logici ovaj CartController bio bio UserController za FrontDeo jer

    //  dodaje / brise u cart, a treba i prikaz cart-a negde napisati,

    // ali mi treba naziv (UserController) za Back i crud za rad sa userima, pa se ovaj zove CartController.

    private $activity;

    public function \_\_construct()

    {

        parent::\_\_construct();

        $this->model = new Cart();

        $this->activity = new Activity();

    }

    public function index(){

        $id = session()->get('user')->id;

        $user = User::find($id);

        $this->data['cart'] = $user->products;

        //dd($this->data['cart']);

        return view('pages.cart',$this->data);

    }

    public function addOrUpdateItem(Request $request){

        $pid = $request->input('caller');

        $uid = $request->session()->get('user')->id;

        $q = $request->input('quantity');

        $result = $this->model->addOrUpdateItem($uid, $pid, $q);

        if($result){

            $email = $request->session()->get('user')->email;

            $activity = "\n user ".$email." added product (id: ".$pid.") to cart - from IP: ".$request->getClientIp();

            $this->activity->writeActivityInFile($activity);

            $this->activity->storeActivityInDatabase($uid,$request->getClientIp(),'User added product (id:'.$pid.') to cart');

            if($q){

                $user = User::find($uid);

                $mess=$user->products;

            }else{

                $mess='Product added to cart';

            }

            return response()->json(['data'=>$mess]);

        }else{

            return response()->json(['message'=>'Something went wrong'],409);

        }

    }

    public function deleteFromCart(Request $request){

        $pid = $request->input('caller');

        $uid = $request->session()->get('user')->id;

        $result = $this->model->deleteFromCart($uid, $pid);

        if($result){

            $user = User::find($uid);

            $email = $request->session()->get('user')->email;

            $activity = "\n user ".$email." removed product (id: ".$pid.") from cart - from IP: ".$request->getClientIp();

            $this->activity->writeActivityInFile($activity);

            $this->activity->storeActivityInDatabase($uid,$request->getClientIp(),'User removed product (id:'.$pid.') from cart');

            return response()->json(['data'=>$user->products]);

        }else{

            return response()->json(['message'=>'Something went wrong'],409);

        }

    }

    public function Checkout(Request $r){

        $caller = $r->input('uid');

        $result = Cart::EmptyCart($caller);

        if($result){

            return redirect()->route('cart')->with('message','Your order has been taken');

        }else{

            return redirect()->route('cart')->with('error','Something went wrong');

        }

    }

}

### Activity Controller

<?php

namespace App\Http\Controllers;

use App\Models\Activity;

use Illuminate\Http\Request;

class ActivityController extends BackController

{

    public function index()

    {

        $this->data['activities'] = Activity::getActivities()->paginate(10);

        return view('pages.admin.index',$this->data);

    }

    public function sort(Request $request){

        $order = $request->order;

        $data = Activity::getActivities($order)->paginate(10);

        return response()->json($data);

    }

}

### AuthorController

<?php

namespace App\Http\Controllers;

use App\Http\Requests\UpdateAuthorInfoRequest;

use App\Models\Author;

use Illuminate\Http\Request;

class AuthorController extends BackController

{

    public function index(){

        $this->data['author'] = Author::select('\*')->first();

        return view('pages.admin.author',$this->data);

    }

    public function updateAuthorInfo(UpdateAuthorInfoRequest $request){

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

        $bio = $request->input('bio');

        $id = Author::select('\*')->first()->id;

        $oldImage = Author::select('\*')->first()->image;

        $oldImagepath =  public\_path('assets/images/').$oldImage;

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

        $alt = strtolower($name);

        if($pic){

            $picName = $pic->getClientOriginalName();

            $path = time()."\_".implode('\_',explode(' ',strtolower($picName)));

            $pic->move(public\_path('assets/images'),$path);

            if(file\_exists($oldImagepath)) {

                unlink($oldImagepath);

            }

        }else{

            $path =  $oldImagepath;

        }

        $result = Author::updateInfo($name,$bio,$path,$alt,$id);

        if($result){

            return redirect()->back()->with('message','Updated successfully');

        }else{

            return redirect()->back()->with('error','Something went wrong, please try later');

        }

    }

}

### ContactController

<?php

namespace App\Http\Controllers;

use App\Http\Requests\UpdateContactInfoRequest;

use App\Models\Contact;

use Illuminate\Http\Request;

class ContactController extends BackController

{

    public function index(){

        $this->data['contactInfo'] = Contact::select('\*')->first();

        return view('pages.admin.contact',$this->data);

    }

    public function updateContactInfo(UpdateContactInfoRequest $request){

        $email = $request->input('email');

        $address = $request->input('address');

        $phone = $request->input('phone');

        $hours = $request->input('hours');

        $id = Contact::select('\*')->first()->id;

        $result = Contact::updateInfo($email,$address,$phone,$hours,$id);

        if($result){

            return redirect()->back()->with('message','Updated successfully');

        }else{

            return redirect()->back()->with('error','Something went wrong, please try later');

        }

    }

}

## **Models**

### User

<?php

namespace App\Models;

use http\Env\Response;

use Illuminate\Contracts\Auth\MustVerifyEmail;

use Illuminate\Database\Eloquent\Factories\HasFactory;

use Illuminate\Database\Eloquent\Model;

use Illuminate\Foundation\Auth\User as Authenticatable;

use Illuminate\Notifications\Notifiable;

class User extends Model

{

    use HasFactory;

    protected $fillable = ['fName','lName','email','password','role\_id',"date\_reg"];

    public $timestamps = false;

    public function role(){

        return $this->belongsTo(Role::class);

    }

    public function login($email){

        return $user = User::where('email',$email)->first();

    }

    public function register($fname,$lname,$email,$password,$role\_id,$date\_reg){

        $user = User::create([

            'fName' => $fname,

            'lName' => $lname,

            'email' =>  $email,

            'password' => md5($password),

            'role\_id' => $role\_id,

            "date\_reg"=>$date\_reg

        ]);

        return $user;

    }

    public function products(){

        return $this->belongsToMany(Product::class, 'carts','user\_id','product\_id')->withPivot('quantity');

    }

    public function activities(){

        return $this->hasMany(Activity::class);

    }

    public static function getUsers($role){

        return User::where('role\_id',$role);

    }

    public static function deleteUser($id){

        $user = User::find($id);

        $user->products()->detach();

        $user->activities()->delete();

        return User::where('id',$id)->delete();

    }

}

### Product

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;

use Illuminate\Database\Eloquent\Model;

class Product extends Model

{

    use HasFactory;

    protected $fillable=['name','description','price','image','alt','discount','width','height','type\_id','size\_id','orientation\_id','style\_id','artist\_id'];

    public $timestamps = false;

    public function type(){

        return $this->belongsTo(Type::class);

    }

    public function style(){

        return $this->belongsTo(Style::class);

    }

    public function artist(){

        return $this->belongsTo(Artist::class);

    }

    public function size(){

        return $this->belongsTo(Size::class);

    }

    public function orientation(){

        return $this->belongsTo(Orientation::class,'orientation\_id');

    }

    public function users(){

        return $this->belongsToMany(User::class,'carts','product\_id','user\_id');

    }

    public function filter($type,$size,$ori,$styles,$sort,$keyword){

        $products = Product::with(['artist','style','orientation','type','size']);

        if($keyword){

            $products = $products->WhereHas('artist',function($query) use ($keyword){

                return $query->where('artists.name','like','%'.$keyword.'%')->orWhere('products.name','like','%'.$keyword.'%');

            });

        }

        if($type){

            $products = $products->where('type\_id','=',$type);

        }

        if($size){

            $products = $products->where('size\_id','=',$size);

        }

        if($ori){

            $products = $products->where('orientation\_id','=',$ori);

        }

        if(is\_array($styles)){

//            $ids= explode(',',$styles);  POSTMAN CHECK, jer string je little piece of shit!

//            var\_dump($ids);

            $products = $products->whereHas('style', function($query) use ($styles){

                return $query->whereIn('style\_id', $styles);

            });

        }

        if($sort){

            //var\_dump($sort.'sort');

            list($key,$value) = explode('-',$sort);

            $products = $products->orderBy($key,$value);

        }

        return $products;

    }

    public static function updateProduct($r,$ori,$size){

        $id = $r->input('id');

        $name = $r->input('name');

        $price = $r->input('price');

        $disc = $r->input('disc');

        $w = $r->input('w');

        $h = $r->input('h');

        $style = $r->input('style');

        $type = $r->input('type');

        $artist = $r->input('artist');

        $desc = $r->input('desc');

        return Product::where('id',$id)->update(array('name'=>$name,'price'=>$price,'description'=>$desc,'discount'=>$disc,'width'=>$w,'height'=>$h,'style\_id'=>$style,'type\_id'=>$type,'artist\_id'=>$artist,'orientation\_id'=>$ori,'size\_id'=>$size));

    }

    public static function addNewProduct($r,$ori,$size,$path,$alt){

        $name = $r->input('ime');

        $price = $r->input('cena');

        $disc = $r->input('popust');

        $w = $r->input('sirina');

        $h = $r->input('visina');

        $style = $r->input('stil');

        $type = $r->input('tip');

        $artist = $r->input('umetnik');

        $desc = $r->input('opis');

        return Product::create([

            'name'=>$name,

            'description'=>$desc,

            'price'=>$price,

            'image'=>$path,

            'alt'=>$alt,

            'discount'=>$disc,

            'width'=>$w,

            'height'=>$h,

            'type\_id'=>$type,

            'size\_id'=>$size,

            'orientation\_id'=>$ori,

            'style\_id'=>$style,

            'artist\_id'=>$artist

        ]);

    }

    public static function deleteProduct($id){

        $product = Product::find($id);

        $bool = $product->users()->get();

        if(count($bool)){

            return 0;

        }else{

            return Product::where('id',$id)->delete();

        }

    }

}

### Cart

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;

use Illuminate\Database\Eloquent\Model;

class Cart extends Model

{

    use HasFactory;

    protected $fillable = ['user\_id','product\_id','quantity'];

    public $timestamps = false;

    protected $table = "carts";

    // Kada se vise puta klikne na AddToCart

    public function addOrUpdateItem($uid, $pid,$q){

        $ifInCart = Cart::where('user\_id',$uid)->where('product\_id',$pid)->get();

//        dd(count($ifInCart));

        $quantity = 1;

        $result = 0;

        if(count($ifInCart)==0){

            $result = Cart::create([

                'user\_id'=>$uid,

                "product\_id"=>$pid,

                "quantity"=>$quantity

            ]);

        }else{

            $oldQ = Cart::select('quantity')->where('user\_id',$uid)->where('product\_id',$pid)->first();

            //MORA FIRST

            //dd($oldQ->quantity);

            $newQ = $q==null? $oldQ->quantity+1 : $q;

            //dd($newQ);

            $result = Cart::where('user\_id',$uid)->where('product\_id',$pid)->update(array('quantity'=>$newQ));

        }

        return $result;

    }

    public function deleteFromCart($uid,$pid){

        return Cart::where('user\_id',$uid)->where('product\_id',$pid)->delete();

    }

    public static function EmptyCart($id){

        return Cart::where('user\_id',$id)->delete();

    }

}

### Orientation

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;

use Illuminate\Database\Eloquent\Model;

class Orientation extends Model

{

    use HasFactory;

    public static function getOrientations(){

        return Orientation::all();

    }

    public function products(){

        return $this->hasMany(Product::class,'orientation\_id');

    }

}

### Type

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;

use Illuminate\Database\Eloquent\Model;

class Type extends Model

{

    use HasFactory;

    protected $fillable = ['name'];

    public $timestamps = false;

    public static function getTypes(){

        return Type::orderBy('id','asc')->get();

    }

    public function products(){

        return $this->hasMany(Product::class,'type\_id');

    }

    public static function storeType($name){

        return Type::create([

            'name'=>$name

        ]);

    }

    public static function deleteType($id){

        $type = Type::find($id);

        $type->products()->delete();

        return Type::where('id',$id)->delete();

    }

}

### Style

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;

use Illuminate\Database\Eloquent\Model;

class Style extends Model

{

    use HasFactory;

    protected $fillable = ['name','parent\_id'];

    public $timestamps = false;

    public static function getStylesWithNoParent(){

        return Style::where('parent\_id', '=', null)->get();

    }

    public function childs(){

        return $this->hasMany('App\Models\Style','parent\_id','id');

    }

    public function parent(){

        return $this->hasOne('App\Models\Style','id','parent\_id');

    }

    public function products(){

        return $this->hasMany(Product::class,"style\_id");

    }

    // Ako admin pokusa da unese podstil podstila, nece moci ove noci, jer je to spreceno kodom.

    public static function storeStyle($name,$parent\_id){

        if($parent\_id){

            $ifChild = Style::select('parent\_id')->where('id',$parent\_id)->first()->parent\_id;

            if($ifChild){

                return 0;

            }else{

                return Style::create([

                    'name'=>$name,

                    'parent\_id'=>$parent\_id

                ]);

            }

        }else{

            return Style::create([

                'name'=>$name,

                'parent\_id'=>$parent\_id

            ]);

        }

    }

    public static function deleteStyle($id){

        $style = Style::find($id);

        $hasChildren = $style->childs;

        if($hasChildren){

            foreach ($style->childs as $child){

                $child->products()->delete();

            }

            $style->childs()->delete();

        }else{

            $style->products()->delete();

        }

        return Style::where('id',$id)->delete();

    }

}

### Size

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;

use Illuminate\Database\Eloquent\Model;

class Size extends Model

{

    use HasFactory;

    public static function getSizes(){

        return Size::all();

    }

    public function products(){

        return $this->hasMany(Product::class,"size\_id");

    }

}

### Artist

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;

use Illuminate\Database\Eloquent\Model;

class Artist extends Model

{

    use HasFactory;

    protected $fillable = ['name'];

    public $timestamps = false;

    public static function getArtists(){

        return Artist::all();

    }

    public function products(){

        return $this->hasMany(Product::class,'artist\_id');

    }

    public static function storeArtist($name){

        return Artist::create([

            'name'=>$name

        ]);

    }

    public static function deleteArtist($id){

        $type = Artist::find($id);

        $type->products()->delete();

        return Artist::where('id',$id)->delete();

    }

}

### Activity

<?php

namespace App\Models;

use Carbon\Carbon;

use Illuminate\Database\Eloquent\Factories\HasFactory;

use Illuminate\Database\Eloquent\Model;

class Activity extends Model

{

    use HasFactory;

    protected $fillable=['ip\_address','date','activity\_text','user\_id'];

    public $timestamps = false;

    public function storeActivityInDatabase($userId, $ipAddress, $activity){

        Activity::create([

            'ip\_address' => $ipAddress,

            'date' => Carbon::now(),

            'activity\_text' =>  $activity,

            'user\_id' => $userId

        ]);

    }

    public function writeActivityInFile($activity){

        $path = '../storage/logs/activity.txt';

        if(file\_exists($path)){

            $file = fopen($path, 'a');

            fwrite($file, $activity);

            fclose($file);

        }else{

            $file = fopen($path, 'w');

            fwrite($file, $activity);

            fclose($file);

        }

    }

    public function user(){

        return $this->belongsTo(Product::class,'user\_id','id');

    }

    public static function getActivities($order = 0){

        if($order){

            return Activity::orderBy('date',$order);

        }else{

            return Activity::orderBy('id','asc');

        }

    }

}

### Menu

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;

use Illuminate\Database\Eloquent\Model;

class Menu extends Model

{

    use HasFactory;

    public static function getMenu($uslov){

        return Menu::where('admin\_link',$uslov)->where('parent\_id',null)->get();

    }

    public function childs(){

        return $this->hasMany('App\Models\Menu','parent\_id','id');

    }

}

### Role

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;

use Illuminate\Database\Eloquent\Model;

class Role extends Model

{

    use HasFactory;

    public function user(){

        return $this->hasMany(User::class,'role\_id','id');

    }

    public static function getRoles(){

        return Role::all();

    }

}

### Contact

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;

use Illuminate\Database\Eloquent\Model;

class Contact extends Model

{

    use HasFactory;

    protected $fillable = ['email','address','phone','open\_hours'];

    public $timestamps = false;

    public static function updateInfo($email,$address,$phone,$hours,$id){

        return Contact::where('id',$id)->update(array('email'=>$email,'address'=>$address,'phone'=>$phone,'open\_hours'=>$hours));

    }

}

### SocialNetwork

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;

use Illuminate\Database\Eloquent\Model;

class SocialNetwork extends Model

{

    use HasFactory;

    public static function getSocialNetworks(){

        return SocialNetwork::all();

    }

}

### Author

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;

use Illuminate\Database\Eloquent\Model;

class Author extends Model

{

    use HasFactory;

    protected $fillable = ['name','bio','image','alt'];

    public $timestamps = false;

    public static function getAuthorInfo(){

        return Author::orderBy('id')->first();

    }

    public static function updateInfo($name,$bio,$image,$alt,$id){

        return Author::where('id',$id)->update(array('name'=>$name,'bio'=>$bio,'image'=>$image,'alt'=>$alt));

    }

}

## **Views**

### Fixed

##### head.blade.php

        <meta charset="UTF-8">

        <meta name="viewport" content="width=device-width, initial-scale=1.0">

        <meta name="author" content="Jovana Lazarevic"/>

        <meta name="keywords" content="@yield('keywords')"/>

        <meta name="description" content="@yield('description')"/>

        <meta name="csrf-token" content="{{ csrf\_token() }}" />

        <title>@yield('title')</title>

        <!-- Font -->

        <!-- Font Awesome -->

        <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.12.1/css/all.css">

        <!-- Bootstrap -->

        <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" integrity="sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="anonymous">

        <!-- Colorbox -->

        <link rel="stylesheet" href="{{asset('assets/css/colorbox.css')}}">

        <!-- Custom CSS -->

        <link rel="stylesheet" href="{{asset('assets/css/style.css')}}" type="text/css"/>

        <link rel="shophrtcut icon" href="{{asset('favicon.ico')}}" type="image/x-icon">

##### header.blade.php

<header class="justify-content-sm-between pt-2 box-shadow pb-2">

    <div class="row m-0 justify-content-between col-12">

        <div class="col-6 col-md-4 order-1">

            <a href="{{route('shop')}}"><img src="{{asset('assets/images/logo2.png')}}" alt="Logo" id="logo"></a>

        </div>

        @include('fixed.nav')

        <div class="col-6 col-md-3 d-flex order-2 order-md-3 justify-content-end align-items-start">

            @if(session()->has('user'))

                <a id="logout" href="{{url('/logout')}}" class="mt-3 link-color font-weight-bold h2 ml-4 ml-sm-0 mr-1 order-1"><i class="fas fa-sign-out-alt"></i></a>

                <a href="{{route('cart')}}" class="mt-3 link-color font-weight-bold h2 ml-4 ml-sm-0 mr-1 order-2"><i class="fab fa-opencart mr-1"></i></a>

                @if(session()->get('user')->role\_id==2)

                    <a href="{{route('admin')}}" class="mt-4 link-color font-weight-bold h6 ml-4 ml-sm-0 mr-1 order-2">Admin panel</a>

                @endif

            @else

                <a href="#" class="mt-3 link-color h2 ml-4 ml-sm-4 mr-1 order-1" data-toggle="modal" data-target="#logRegisterForm"><i class="far fa-user"></i></a>

            @endif

            </div>

    </div>

</header>

##### logRegModal.blade.php

<div class="modal fade bd-example-modal-lg" id="logRegisterForm" tabindex="-1" role="dialog" aria-labelledby="myModalLabel"

     aria-hidden="true">

    <div class="modal-dialog modal-lg">

        <div class="modal-content bg-dark-in-50">

            <div class="d-flex justify-content-evenly">

                <div id="mAnAcc" class="col-6 order-2 d-none">

                    <div class="modal-header mx-auto mt-5 w-75 p-1 rounded  text-center border-color-yellow">

                        <h4 class="modal-title w-100 font-weight-bold text-pink">Make an account</h4>

                        <button type="button" class="text-white close" data-dismiss="modal" aria-label="Close">

                            <span aria-hidden="true">&times;</span>

                        </button>

                    </div>

                    <form action="register.php" method="POST">

                        <div class="modal-body mx-3">

                            <div class="md-form mb-3">

                                <i class="fas fa-user prefix text-yellow"></i>

                                <label class="text-yellow" for="name">Your First Name</label>

                                <input type="text" id="fname" name="fname" class="form-control fc1">

                            </div>

                            <div class="md-form mb-3">

                                <i class="fas fa-user prefix text-yellow"></i>

                                <label class="text-yellow" for="name">Your Last Name</label>

                                <input type="text" id="lname" name="lname" class="form-control fc1">

                            </div>

                            <div class="md-form mb-3">

                                <i class="fas fa-envelope prefix text-yellow"></i>

                                <label class="text-yellow" for="emailReg">Your email</label>

                                <input type="email" id="emailReg" name="emailReg" class="form-control fc1">

                            </div>

                            <div class="md-form mb-3">

                                <i class="fas fa-lock prefix text-yellow"></i>

                                <label class="text-yellow" for="password">Password</label>

                                <input type="password" id="password" name="password" class="form-control fc1">

                                <div class="text-yellow mt-2"></div>

                            </div>

                            <div class="md-form mb-2">

                                <i class="fas fa-lock prefix text-yellow"></i>

                                <label class="text-yellow" for="passwordRepeat">Repeat password</label>

                                <input type="password" id="passCheck" name="passCheck" class="form-control fc1">

                                <div class="text-yellow mt-1"></div>

                            </div>

                            <div class="md-form mb-2">

                                <input type="hidden" id="role\_id" name="role\_id" value="1" class="form-control fc1">

                            </div>

                        </div>

                        <div class="modal-footer d-flex justify-content-center border-color-yellow">

                            <button type="submit" id="btnReg" name="btnReg" class="btn btn-secondary font-weight-bold text-pink rounded-lg border border-color-pink border-size-1 hover1">Register</button>

                        </div>

                    </form>

                </div>

                <div id="login" class="col-">

                    <div class="modal-header mx-auto mt-5 w-75 p-1 rounded text-center border-color-yellow">

                        <h4 class="modal-title w-100 font-weight-bold bg-gray-dark text-pink">Log in</h4>

                        <button type="button" class="text-white close" data-dismiss="modal" aria-label="Close">

                            <span aria-hidden="true">×</span>

                        </button>

                    </div>

                    <form action="login.php" method="POST">

                        <div class="modal-body mx-3">

                            <div class="md-form mb-3">

                                <i class="fas fa-envelope prefix text-yellow"></i>

                                <label class="text-yellow" for="emailLog">Email</label>

                                <input type="email" id="emailLog" name="emailLog" class="form-control fc1">

                            </div>

                            <div class="md-form mb-2">

                                <i class="fas fa-lock prefix py-1 text-yellow"></i>

                                <label class="text-yellow" for="pass">Password</label>

                                <input type="password" id="pass" name="pass" class="form-control fc1">

                                <div class="mt-2"></div>

                            </div>

                        </div>

                        <div class="modal-footer d-flex justify-content-center border-color-yellow">

                            <button type="submit" id="btnLog" name="btnLog" class="btn btn-secondary font-weight-bold text-pink rounded-lg border border-color-pink border-size-1 hover1">Log in</button>

                            <a href="#" id="no-acc" class="font-weight-bold text-secondary">Don't have an account?</a>

                        </div>

                    </form>

                </div>

            </div>

        </div>

    </div>

</div>

<!-- End log/register modal -->

##### nav.blade.php

<nav id="meni" class="col-8 col-md-4 m-auto order-3 order-md-2">

    <ul class="navbar navbar-brand d-flex justify-content-evenly pt-3 m-0">

        @foreach($nav as $link)

            @if($link->link\_admin==0)

                <li class="@if(request()->routeIs($link->route)) active @endif">

                    <a class="nav-link links font-weight-bold h5" href="{{ route($link->route) }}">{{ $link->name }}</a>

                </li>

            @endif

        @endforeach

    </ul>

</nav>

##### toast.blade.php

<div class="toast">

    <div class="toast-header justify-content-end">

        <small>now</small>

        <button type="button" class="ml-2 mb-1 close" data-dismiss="toast" aria-label="Close">

            <span aria-hidden="true">&times;</span>

        </button>

    </div>

    <div class="toast-body bg-success text-dark"></div>

</div>

##### scripts.blade.php

<!-- SCRIPT -->

<script src="{{asset('assets/js/jquery/jquery-3.4.1.min.js')}}"></script>

<script src="{{asset('assets/js/jquery/jquery-ui.js')}}"></script>

<script src="{{asset('assets/js/bootstrap/bootstrap.min.js')}}"></script>

<script src="{{asset('assets/js/jquery/colorbox/jquery.colorbox-min.js')}}"></script>

<script src="{{asset('assets/js/main.js')}}"></script>

@yield('javascript')

##### Footer.blade.php

<footer class="d-flex justify-content-center py-3 px-5 mt-5 bg-dark-50">

    <div class="col-5"><p class="text-dark m-0 font-weight-bold">COPYRIGHT &copy <script>var datum= new Date(); document.write(datum.getFullYear());</script> Created by <a class="links-inverted text-dark" href="{{route('about')}}">Jovana Lazarevic</a></p></div>

    <div class="col-3"><p class="text-dark m-0 font-weight-bold">Useful link: <a href="{{asset('dokumentacija.pdf')}}" target="\_blank">Docs</a></p></div>

</footer>

#### Admin

##### Head.blade.php

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<meta name="author" content="Jovana Lazarevic"/>

<meta name="keywords" content="admin, update, insert, delete"/>

<meta name="description" content="This is Artsy's admin page mainly for purpose of editing content."/>

<meta name="csrf-token" content="{{ csrf\_token() }}" />

<title>Admin Page</title>

<!-- Font -->

<link rel="preconnect" href="https://fonts.gstatic.com">

<link href="{{asset('assets/css/app.css')}}" rel="stylesheet">

<link href="https://fonts.googleapis.com/css2?family=Inter:wght@300;400;600&display=swap" rel="stylesheet">

<!-- Font Awesome -->

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.12.1/css/all.css">

<!-- Bootstrap -->

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" integrity="sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="anonymous">

<!-- Colorbox -->

{{--<link rel="stylesheet" href="{{asset('assets/css/colorbox.css')}}">--}}

<!-- Custom CSS -->

<link rel="stylesheet" href="{{asset('assets/css/app.css')}}" type="text/css"/>

<link rel="stylesheet" href="{{asset('assets/css/style.css')}}" type="text/css"/>

<link rel="shophrtcut icon" href="{{asset('favicon.ico')}}" type="image/x-icon">

##### Header.blade.php

<nav class="navbar navbar-expand navbar-light navbar-bg">

    <a class="sidebar-toggle d-flex">

        <i class="hamburger align-self-center"></i>

    </a>

    <a href="{{route('shop')}}">

        <img src="{{asset('assets/images/logo2.png')}}" class="w-25" alt="Artsy"> <span class="text-dark">Back to Site</span>

    </a>

    <div class="navbar-collapse collapse">

        <ul class="navbar-nav navbar-align">

            <li class="nav-item dropdown">

                <a class="nav-link dropdown-toggle d-none d-sm-inline-block text-dark" href="#" data-bs-toggle="dropdown">

                    {{session()->get('user')->fName}} {{session()->get('user')->lName}}

                </a>

                <div class="dropdown-menu dropdown-menu-end">

                    <a class="dropdown-item" href="{{url('/logout')}}">Log out</a>

                </div>

            </li>

        </ul>

    </div>

</nav>

##### Scripts.blade.php

<script src="{{asset('assets/js/jquery/jquery-3.4.1.min.js')}}"></script>

<script src="{{asset('assets/js/jquery/jquery-ui.js')}}"></script>

<script src="{{asset('assets/js/bootstrap/bootstrap.min.js')}}"></script>

<script src="{{asset('assets/js/app.js')}}"></script>

<script src="{{asset('assets/js/main.js')}}"></script>

@yield('javascript')

##### Sidebar.blade.php

<nav id="sidebar" class="sidebar">

    <div class="sidebar-content js-simplebar">

        <a class="sidebar-brand" href="{{route('admin')}}">

            <span class="align-middle">AdminKit</span>

        </a>

        <ul class="sidebar-nav">

            <li class="sidebar-header">

                Pages

            </li>

            @foreach($nav as $n)

                <li class="sidebar-item">

                    @if(count($n->childs))

                        <a class="sidebar-link" data-bs-toggle="collapse" class="sidebar-link collapsed" href="#{{$n->route}}">

                            <i class="align-middle"></i> <span class="align-middle">{{$n->name}}</span>

                        </a>

                            @include("partials.menu\_child",['childs' => $n->childs, 'parent'=>$n->route])

                    @else

                    <a class="sidebar-link" href="{{route($n->route)}}">

                        <i class="align-middle"></i> <span class="align-middle">{{$n->name}}</span>

                    </a>

                    @endif

                </li>

            @endforeach

        </ul>

    </div>

</nav>

### Layouts

##### Admin-layout.blade.php

<!DOCTYPE html>

<html lang="en">

    <head>

        @include('fixed/admin/head')

    </head>

    <body>

        <div class="wrapper">

            @include('fixed.admin.sidebar')

            <div class="main">

            @include('fixed.admin.header')

        @yield('content')

        @include('fixed/footer')

        @include('fixed/admin/scripts')

        </div>

    </div>

        @if(session()->has('user'))

            <script type="text/javascript">

                const user = true;

            </script>

        @else

            <script type="text/javascript">

                const user = false;

            </script>

        @endif

        <script type="text/javascript">

            const url = '{{url('/')}}';

            const urlCurrent = '{{URL::current()}}';

        </script>

    </body>

</html>

##### Layout.blade.php

<!DOCTYPE html>

<html lang="en">

    <head>

        @include('fixed/head')

    </head>

    <body class="position-relative">

        @include('fixed.header')

        @yield('content')

        @include('fixed.logRegModal')

        @include('fixed/footer')

        @include('fixed/scripts')

        @if(session()->has('user'))

            <script type="text/javascript">

                const user = true;

            </script>

        @else

            <script type="text/javascript">

                const user = false;

            </script>

        @endif

        <script type="text/javascript">

            const url = '{{url('/')}}';

        </script>

    </body>

</html>

### Pages

##### shop.php

@extends('layouts.layout')

@section('title') SHOP @endsection

@section('description')Art pieces just for you. If this is what you love, you are in the right place.@endsection

@section('keywords')art, products, shop, painting @endsection

@section('content')

    <div class="col-12 row justify-content-between m-auto pt-5 mb-5">

        <div id="box" class="col-12">

            <div class="col-12 d-flex py-4 mb-5 border-bottom border-top border-secondary">

                <div class="d-flex col-10">

                    <small class="m-0 text-muted border-right border-dark pr-2 mr-3 align-self-center font-weight-bold">Showing 1-12 of 17 results</small>

                    <select id="p-sort" name="p-sort" class="align-self-center text-muted rounded font-weight-bold">

                        @foreach($sorting as $sort=>$name)

                        <option value="{{$sort}}">{{$name}}</option>

                        @endforeach

                    </select>

                </div>

                <div class="col-2 justify-content-end">

                    <button id="show\_sidebar"  type="button" class="btn btn-secondary btn-sm hover rounded font-weight-bold" data-toggle="modal" data-target="#myModal2">Filters +</button>

                </div>

            </div>

            <div id="content" class="row row-cols-md-3 row-cols-lg-4 row-cols-xl-5 justify-content-evenly">

                    @foreach($products as $p)

                        @component('partials.product', ["product" => $p])@endcomponent

                    @endforeach

            </div>

            {{$products->links('vendor.pagination.bootstrap-4')}}

        </div>

    </div>

    {{--   Responsive Sidebar - MODAL  --}}

    <div class="modal right fade" id="myModal2" tabindex="-1" role="dialog" aria-labelledby="myModalLabel2">

        <div class="modal-dialog" role="document">

            <div class="modal-content">

                <div class="modal-header">

                    <button type="button" class="close" data-dismiss="modal" aria-label="Close"><span aria-hidden="true">&times;</span></button>

                </div>

                <div class="modal-body">

                    @include('fixed.sidebar')

                </div>

            </div><!-- modal-content -->

        </div><!-- modal-dialog -->

    </div>

    <!-- modal -->

@endsection

@include('fixed.toast')

@section('javascript')

    <script type="text/javascript">

        const urlProductImg = '{{URL::asset('/assets/images/products')}}';

    </script>

@endsection

##### cart.blade.php

@extends('layouts.layout')

@section('title') CART @endsection

@section('description')User cart, search for more products or go and checkout.@endsection

@section('keywords')art, products, shop, design @endsection

@section('content')

    <div class="container-fluid">

        <div id="cart-div" class="container my-3 bg-black-70 p-4 rounded">

            @if(session()->has('message'))

                <div class="container mt-4">

                    <div class="alert alert-success" role="alert">

                        {{ session('message')}}

                    </div>

                </div>

            @elseif(session()->has('error'))

                <div class="container mt-4">

                    <div class="alert alert-danger" role="alert">

                        {{ session('error')}}

                    </div>

                </div>

            @endif

            @if(count($cart))

                <h3 class="text-center pb-2 mx-auto w-75 mb-3 text-yellow box-shadow border-bottom">Cart</h3>

                <table class="m-auto text-center table-bordered border-dark w-75">

                    <thead class="h5">

                    <tr><th>Product</th>

                        <th>Name</th>

                        <th>Price</th>

                        <th>Quantity</th>

                        <th>Remove</th>

                    </tr></thead>

                    <tbody id="tabela">

                    @php $total = 0; @endphp

                    @foreach($cart as $c)

{{--                        {{dd($c)}}--}}

                        <tr>

                            <td><img class="img-fluid w-25" src="{{asset('assets/images/products/'.$c->image)}}" alt="{{$c->alt}}"/></td>

                            <td>{{$c->name}}</td>

                            <td>{{$c->price}}</td>

                            <td><input type="number" min="1" class="up-quan text-center d-block mx-auto form-control w-100" data-id="{{$c->id}}" value="{{$c->pivot->quantity}}"></td>

                            <td><a href="#" class="delete h5 link-color" data-id="{{$c->id}}"><i class="fas fa-trash"></i></a></td>

                        </tr>

                        @php

                        $total += $c->price\*$c->pivot->quantity

                        @endphp

                    @endforeach

                    </tbody>

                </table>

                <div id="total" class="mx-auto w-75 text-right">

                    <p class="font-weight-bold h3">Total: <span id="totalValue">{{$total}}</span></p>

                    <form action="{{route('checkout')}}" method="post">

                        @csrf

                        <input type="hidden" name="uid" value="{{session()->get('user')->id}}">

                        <button id="checkout" type="submit" class="btn btn-secondary btn-sm ml-3">Checkout</button>

                    </form>

                </div>

            @else

                <div class="text-center mt-2">

                    <h4>Add products to your cart</h4>

                    <a href="{{route('shop')}}" class="btn btn-secondary">Go to shop</a>

                </div>

            @endif

        </div>

    </div>

@endsection

@include('fixed.toast')

@section('javascript')

    <script type="text/javascript">

        const urlProductImg = '{{URL::asset('/assets/images/products')}}';

    </script>

@endsection

##### contact.blade.php

@extends('layouts.layout')

@section('title') CONTACT @endsection

@section('description')Here is our contact info, if you need something, send us an email.@endsection

@section('keywords')art, products, shop, design @endsection

@section('content')

    @if(session()->has('message'))

        <div class="container mt-4">

            <div class="alert alert-success" role="alert">

                {{ session('message')}}

            </div>

        </div>

    @endif

    <h1 class="text-center my-5">Contact page</h1>

    <div id="contact" class="container d-flex justify-content-evenly mx-auto">

        <div id="gym-info" class="col-4 bg-dark-50 p-3 align-self-center">

            <h3>Contact information</h3>

            <p class="font-weight-bold text-dark  pt-2">Open hours:</p><p class="text-dark font-weight-bold offset-1">{{$contact->open\_hours}}</p>

            <p class="font-weight-bold text-dark  pt-2">Address:</p><p class="text-dark font-weight-bold offset-1">{{$contact->address}}</p>

            <a href="mailto:spartans.gym@gmail.com"><p class="font-weight-bold text-dark pt-2">Email:</p><p class="font-weight-bold link-color offset-1">{{$contact->email}}</p></a>

            <p class="font-weight-bold text-dark  pt-2">Phone number:</p><p class="text-dark font-weight-bold offset-1">{{$contact->phone}}</p>

        </div>

        <div id="form" class="col-7 align-self-center">

            <form action="{{route('sendEmail')}}" method="post" class="col-10">

                @csrf

                <input type="text" class="form-control mb-2" id="name" name="name" placeholder="Your Full Name">

                @error('name')

                <div class="text-danger">

                    {{$message}}

                </div>

                @enderror

                <input type="email" class="form-control mb-2"  id="email" name="email" placeholder="Your Email">

                @error('email')

                <div class="text-danger">

                    {{$message}}

                </div>

                @enderror

                <input type="text" class="form-control mb-2"  id="subject" name="subject" placeholder="Subject">

                @error('subject')

                <div class="text-danger">

                    {{$message}}

                </div>

                @enderror

                <textarea name="message" class="form-control mb-2"  id="message" cols="50" rows="5" placeholder="Your Message"></textarea>

                @error('message')

                <div class="text-danger">

                    {{$message}}

                </div>

                @enderror

                <input type="submit" class="form-control mb-2 btn btn-secondary"  name="btnSubmit" id="btnSubmit">

            </form>

        </div>

    </div>

@endsection

##### about.blade.php

@extends('layouts.layout')

@section('title') AUTHOR @endsection

@section('description')This is the author of tje Artsy website.@endsection

@section('keywords')jovana, lazarevic, ICT@endsection

@section('content')

    <main>

        <div id="author" class="col-sm-12 col-md-10 m-auto d-sm-flex justify-content-sm-around mx-2  p-3 p-sm-4 p-md-5">

            <div class="col-6 col-sm-4 col-md-4 col-lg-4 m-auto align-self-center">

                        <img class="img-fluid border rounded-lg border-color-yellow border-size-1" src="{{asset('assets/images/'.$author->image)}}" alt="{{$author->alt}}">

            </div>

            <div id="about-author" class="bg-black-70 align-self-center p-4 col-12 col-sm-8 col-lg-6 mt-3 mt-0">

                <div class="d-flex justify-content-start">

                    <h3 class="highlight mr-3">Author:</h3>

                    <h3 class="highlight link-color">{{$author->name}}</h3>

                </div>

                <div class="d-flex justify-content-between">

                    <h3 class="highlight mr-3">Info:</h3>

                    <p class="highlight">{{$author->bio}}</p>

                </div>

                <div class="d-flex justify-content-start">

                    <h3 class="highlight mr-4">Contact:</h3>

                    <a class="h2 link-color mr-4" href="mailto:jovana.lazarevic.242.19@ict.edu.rs"><i class="fas fa-envelope-open" aria-hidden="true"></i></a>

                    @foreach($socials as $soc)

                    <a class="h2 link-color mr-4 align-self-center mt-1" href="{{$soc->url}}"><i class="{{$soc->icon}}" aria-hidden="true"></i></a>

                    @endforeach

                </div>

            </div>

        </div>

    </main>

@endsection

#### Product

##### Show.php

@extends('layouts.layout')

@section('title') {{$product->name}} @endsection

@section('description')@if($product->description){{$product->description}}@else A piece of fantastic artwork by {{$product->artist->name}}!! Explore our shop to see more artwork from various artists! @endif @endsection

@section('keywords'){{$product->name}},{{$product->type->name}},{{$product->artist->name}},{{$product->style->name}}@endsection

@section('content')

    <div class="col-10 m-auto">

        <div class="col-12 justify-content-evenly d-md-flex mt-5 bg-dark-in-50 p-5 rounded">

            <div class="col-12 col-md-6 text-center">

                <a rel="nofollow" id="popup" href="{{asset('assets/images/products/'.$product->image)}}"><img class="mb-3 mb-md-0 w-50 w-md-75 img-fluid" src="{{asset('assets/images/products/'.$product->image)}}" alt="{{$product->alt}}"/></a>

            </div>

            <div class="col-12 col-md-6 align-self-center offset-2 offset-md-0">

                <h1 class="h2">{{$product->name}}</h1>

                <h2 class="h5 font-weight-bold text-gradient-red">By {{$product->artist->name}}</h2>

                @if($product->discount)

                    <div class="d-flex justify-content-start">

                        <del><p class="card-text font-weight-bold">£{{$product->price}}</p></del>

                        <span class="text-gradient font-weight-bold ml-2 align-items-center">£{{round($product->price\*(1-$product->discount/100),2)}}</span>

                    </div>

                @else

                    <p class="card-text font-weight-bold">£{{$product->price}}</p>

                @endif

                @if($product->description)

                    <div id="prod-desc">

                        <p class="h6">{{$product->description}}</p>

                    </div>

                @endif

                <div id="prod-spec" class="mt-3">

                    <p class="font-weight-bold">Painting {{$product->type->name}} - {{$product->style->name}}</p>

                    <p class="font-weight-bold">Size: {{Str::upper($product->size->name)}}</p>

                    <p class="font-weight-bold">Dimension: {{$product->width+0}}x{{$product->height+0}} </p>

                </div>

                <div>

                    <button id="cart" type="button" data-id="{{$product->id}}" class="btn btn-secondary btn-sm font-weight-bold">Add to Cart</button>

                </div>

            </div>

        </div>

    </div>

@endsection

@include('fixed.toast')

@section('javascript')

    @if(!session()->has('user'))

        <script>

            $('#cart').click(function(){

                alert('Log in to add items to cart!')

            })

        </script>

        @else

        <script>

            $('#cart').click(AddtoCart);

        </script>

    @endif

@endsection

#### Admin

##### Index.blade.php

@extends('layouts.admin-layout')

@section('content')

            <main class="content">

                    <select id="act" class="form-control mb-3 w-25">

                        <option value="0">Sort By Date</option>

                        <option value="asc">Ascending</option>

                        <option value="desc">Descending</option>

                    </select>

                    <table class="table-bordered mx-auto w-75">

                        <thead>

                            <tr>

                                <th>User ID</th>

                                <th>Activity</th>

                                <th>Date</th>

                                <th>IP Address</th>

                            </tr>

                        </thead>

                        <tbody id="actTable">

                            @foreach($activities as $a)

                                <tr>

                                    <td>{{$a->user\_id}}</td>

                                    <td>{{$a->activity\_text}}</td>

                                    <td>{{$a->date}}</td>

                                    <td>{{$a->ip\_address}}</td>

                                </tr>

                            @endforeach

                        </tbody>

                    </table>

            </main>

            {{$activities->links('vendor.pagination.bootstrap-4')}}

@endsection

##### product.blade.php

@extends('layouts.admin-layout')

@section('content')

{{--{{dd($products)}}--}}

<main class="content">

    @if(session()->has('message'))

        <div class="container mt-4">

            <div class="alert alert-success" role="alert">

                {{ session('message')}}

            </div>

        </div>

    @elseif(session()->has('error'))

        <div class="container mt-4">

            <div class="alert alert-danger" role="alert">

                {{ session('error')}}

            </div>

        </div>

    @endif

    <h3 class="text-center mb-5"> Paitings </h3>

    <table class="table-bordered mx-auto w-75">

        <thead>

        <tr>

            <th>Product</th>

            <th>Name</th>

            <th>Preview</th>

            <th>Remove</th>

        </tr>

        </thead>

        <tbody id="prodTable">

        @foreach($products as $p)

            <tr>

                <td><img class="img-fluid w-50" src="{{asset('assets/images/products/'.$p->image)}}" alt="{{$p->alt}}"/></td>

                <td>{{$p->name}}</td>

                <td><a href="#" class="prew-p h5" data-id="{{$p->id}}" data-toggle="modal" data-target="#prewProduct"><i class="fa fa-eye d-block link-color text-center"></i></a></td>

                <td><a href="#" class="del-p h5" data-id="{{$p->id}}"><i class="fas fa-trash d-block link-color text-center"></i></a></td>

            </tr>

        @endforeach

        </tbody>

    </table>

</main>

{{$products->links('vendor.pagination.bootstrap-4')}}

<div class="container mt-5">

    <div class="mt-4 col-12 col-sm-8 col-md-5 mx-auto">

        <h3 class="text-center"> Add new painting</h3>

        <form action="{{route('painting.store')}}" method="POST" enctype="multipart/form-data" class="d-block mt-3">

            @csrf

            <div class="md-form mb-3">

                <label class="text-yellow" for="ime">Product Name</label>

                <input type="text" id="ime" name="ime" class="form-control fc1">

            </div>

            @error('ime')

            <div class="text-danger">

                {{$message}}

            </div>

            @enderror

            <textarea id="opis" name="opis" value="" class="form-control mb-3" rows="4" placeholder="Description"></textarea>

            @error('opis')

            <div class="text-danger">

                {{$message}}

            </div>

            @enderror

            <div class="md-form d-flex justify-content-evenly mt-3">

                <div class="md-form mt-3">

                    <label for="cena">Price</label>

                    <input type="number" id="cena" step=".01" name="cena" min="0" class="form-control w-75">

                </div>

                <div class="md-form mt-3">

                    <label for="popust">Discount</label>

                    <input type="number" id="popust" name="popust" min="0" class="form-control w-75">

                </div>

            </div>

            @error('cena')

            <div class="text-danger">

                {{$message}}

            </div>

            @enderror

            @error('popust')

            <div class="text-danger">

                {{$message}}

            </div>

            @enderror

            <div class="d-flex justify-content-center mt-3">

                <input type="number" step=".01" id="sirina" name="sirina" value="" class="form-control mb-2" placeholder="Width">

                <span class="h3 mx-1">x</span>

                <input type="number" step=".01" id="visina" name="visina" value="" class="form-control mb-2" placeholder="Height">

                <p id="p-size" class="ml-2"></p>

            </div>

            @error('sirina')

            <div class="text-danger">

                {{$message}}

            </div>

            @enderror

            @error('visina')

            <div class="text-danger">

                {{$message}}

            </div>

            @enderror

            <div class="md-form mt-3">

                <label for="slika">Picture</label>

                <input type="file" id="slika" name="slika" class="form-control">

            </div>

            @error('slika')

            <div class="text-danger">

                {{$message}}

            </div>

            @enderror

            <select id="tip" name="tip" class="form-control mt-3">

                <option value="0">Select Type</option>

                @foreach($types as $type)

                    <option value="{{$type->id}}">{{$type->name}}</option>

                @endforeach

            </select>

            @error('tip')

            <div class="text-danger">

                {{$message}}

            </div>

            @enderror

            <select id="stil" name="stil" class="form-control mt-3">

                <option value="0">Select Style</option>

                @foreach($styles as $style)

                    @if(count($style->childs))

                        @foreach($style->childs as $child)

                            <option value="{{$child->id}}">{{$style->name}} - {{$child->name}}</option>

                        @endforeach

                    @else

                        <option value="{{$style->id}}">{{$style->name}}</option>

                    @endif

                @endforeach

            </select>

            @error('stil')

            <div class="text-danger">

                {{$message}}

            </div>

            @enderror

            <select id="umetnik" name="umetnik" class="form-control mt-3">

                <option value="0">Select Artist</option>

                @foreach($artists as $a)

                    <option value="{{$a->id}}">{{$a->name}}</option>

                @endforeach

            </select>

            @error('umetnik')

            <div class="text-danger">

                {{$message}}

            </div>

            @enderror

            <div class="md-form mb-3">

                <input type="submit" class="btn btn-secondary my-3" id="dodaj" name="dodaj" value="Add new product" class="form-control">

            </div>

        </form>

    </div>

</div>

@include('partials.previewModal')

@endsection

@include('fixed.toast')

@section('javascript')

    <script type="text/javascript">

        const urlProductImg = '{{URL::asset('/assets/images/products')}}';

    </script>

@endsection

##### filters.blade.php

@extends('layouts.admin-layout')

@section('content')

    <main class="content">

        @if(session()->has('message'))

            <div class="container mt-4">

                <div class="alert alert-success" role="alert">

                    {{ session('message')}}

                </div>

            </div>

        @elseif(session()->has('error'))

            <div class="container mt-4">

                <div class="alert alert-danger" role="alert">

                    {{ session('error')}}

                </div>

            </div>

        @endif

        <h3 class="text-center"> @yield('filter') </h3>

        <table class="table-bordered mx-auto w-75">

            <thead>

            <tr>

                <th>ID</th>

                <th>Name</th>

                <th>Remove</th>

            </tr>

            </thead>

            <tbody>

            @yield('body')

            </tbody>

        </table>

        <div class="mt-4 col-12 col-sm-8 col-md-5 mx-auto">

            <h3 class="text-center"> Add new @yield('name')</h3>

            <form action="@yield('route')" method="POST" class="d-block mt-3">

                @csrf

                <div class="md-form">

                    <i class="fas fa-user prefix text-yellow"></i>

                    <label class="text-yellow" for="name">@yield('name') Name</label>

                    <input type="text" id="name" name="name" class="form-control fc1">

                </div>

                @error('name')

                <div class="text-danger">

                    {{$message}}

                </div>

                @enderror

                @yield('other')

                <div class="mt-4 d-flex justify-content-center">

                    <button type="submit" id="dodaj" name="dodaj" class="btn btn-secondary font-weight-bold text-pink rounded-lg border border-color-pink border-size-1 hover1">Add new @yield('name')</button>

                </div>

            </form>

        </div>

    </main>

@endsection

@include('fixed.toast')

##### users.blade.php

@extends('layouts.admin-layout')

@section('content')

    <main class="content">

        <h3 class="text-center"> Users </h3>

        <select id="role" class="form-control w-25 mb-3">

            @foreach($roles as $r)

                <option value="{{$r->id}}">{{$r->name}}</option>

            @endforeach

        </select>

        <table class="table-bordered mx-auto w-75">

            <thead>

            <tr>

                <th>User ID</th>

                <th>Name</th>

                <th>Email</th>

                <th>Role</th>

                <th>Remove</th>

            </tr>

            </thead>

            <tbody id="actTable">

            @foreach($users as $u)

                <tr>

                    <td>{{$u->id}}</td>

                    <td>{{$u->fName}}  {{$u->lName}}</td>

                    <td>{{$u->email}}</td>

                    <td class="col-2">{{$u->role->name}}</td>

                    <td><a href="#" class="del-user h5 link-color" data-id="{{$u->id}}"><i class="fas link-color fa-trash d-block text-center"></i></a></td>

                </tr>

            @endforeach

            </tbody>

        </table>

        {{$users->links('vendor.pagination.bootstrap-4')}}

        <div class="mt-4 col-12 col-sm-8 col-md-5 mx-auto">

            <h3 class="text-center"> Add new admin</h3>

            <form action="register.php" method="POST" class="d-block mt-3">

                <div class="md-form mb-3">

                    <i class="fas fa-user prefix text-yellow"></i>

                    <label class="text-yellow" for="name">Your First Name</label>

                    <input type="text" id="fname" name="fname" class="form-control fc1">

                </div>

                <div class="md-form mb-3">

                    <i class="fas fa-user prefix text-yellow"></i>

                    <label class="text-yellow" for="name">Your Last Name</label>

                    <input type="text" id="lname" name="lname" class="form-control fc1">

                </div>

                <div class="md-form mb-3">

                    <i class="fas fa-envelope prefix text-yellow"></i>

                    <label class="text-yellow" for="emailReg">Your email</label>

                    <input type="email" id="emailReg" name="emailReg" class="form-control fc1">

                </div>

                <div class="md-form mb-3">

                    <i class="fas fa-lock prefix text-yellow"></i>

                    <label class="text-yellow" for="password">Password</label>

                    <input type="password" id="password" name="password" class="form-control fc1">

                    <div class="text-yellow mt-2"></div>

                </div>

                <div class="md-form mb-2">

                    <i class="fas fa-lock prefix text-yellow"></i>

                    <label class="text-yellow" for="passwordRepeat">Repeat password</label>

                    <input type="password" id="passCheck" name="passCheck" class="form-control fc1">

                    <div class="text-yellow mt-1"></div>

                </div>

                <div class="md-form mb-2">

                    <input type="hidden" id="role\_id" name="role\_id" value="2" class="form-control fc1">

                </div>

                <div class="mt-4 d-flex justify-content-center">

                    <button type="submit" id="btnReg" name="btnReg" class="btn btn-secondary font-weight-bold text-pink rounded-lg border border-color-pink border-size-1 hover1">Register</button>

                </div>

            </form>

        </div>

    </main>

@endsection

##### contact.blade.php

@extends('layouts.admin-layout')

@section('content')

    <main class="content">

    @if(session()->has('message'))

        <div class="container mt-4">

            <div class="alert alert-success" role="alert">

                {{ session('message')}}

            </div>

        </div>

    @elseif(session()->has('error'))

        <div class="container mt-4">

            <div class="alert alert-danger" role="alert">

                {{ session('error')}}

            </div>

        </div>

    @endif

        <div class="container mt-5">

            <div class="mt-4 col-12 col-sm-8 col-md-5 mx-auto">

                <h3 class="text-center"> Update contact info </h3>

                <form action="{{route('contact.update')}}" method="POST" class="d-block mt-3">

                    @csrf

                    <div class="md-form mb-3">

                        <label for="ime">Email</label>

                        <input type="email" id="c-email" name="email" class="form-control fc1" value="{{$contactInfo->email}}">

                    </div>

                    @error('email')

                    <div class="text-danger">

                        {{$message}}

                    </div>

                    @enderror

                    <div class="md-form mb-3">

                        <label for="c-address">Address</label>

                        <input type="text" id="c-address" name="address" class="form-control fc1" value="{{$contactInfo->address}}">

                    </div>

                    @error('address')

                    <div class="text-danger">

                        {{$message}}

                    </div>

                    @enderror

                    <div class="md-form mb-3">

                        <label for="c-phone">Phone Number</label>

                        <input type="text" id="c-phone" name="phone" class="form-control fc1" value="{{$contactInfo->phone}}">

                    </div>

                    @error('phone')

                    <div class="text-danger">

                        {{$message}}

                    </div>

                    @enderror

                    <div class="md-form mb-3">

                        <label for="address">Open Hours</label>

                        <input type="text" id="c-hours" name="hours" class="form-control fc1" value="{{$contactInfo->open\_hours}}">

                    </div>

                    @error('hours')

                    <div class="text-danger">

                        {{$message}}

                    </div>

                    @enderror

                    <div class="md-form mb-3">

                        <input type="submit" class="btn btn-secondary my-3" id="azuriraj" name="azuriraj" value="Update contact info" class="form-control">

                    </div>

                </form>

            </div>

        </div>

    </main>

@endsection

##### author.blade.php

@extends('layouts.admin-layout')

@section('content')

    <main class="content">

        @if(session()->has('message'))

            <div class="container mt-4">

                <div class="alert alert-success" role="alert">

                    {{ session('message')}}

                </div>

            </div>

        @elseif(session()->has('error'))

            <div class="container mt-4">

                <div class="alert alert-danger" role="alert">

                    {{ session('error')}}

                </div>

            </div>

        @endif

        <div class="container mt-5">

            <div class="mt-4 col-12 col-sm-8 col-md-5 mx-auto">

                <h3 class="text-center"> Update Author info </h3>

                <form action="{{route('a.update')}}" enctype="multipart/form-data" method="POST" class="d-block mt-3">

                    @csrf

                    <div class="md-form mb-3">

                        <label for="ime">Full Name</label>

                        <input type="text" id="name" name="name" class="form-control fc1" value="{{$author->name}}">

                    </div>

                    @error('name')

                    <div class="text-danger">

                        {{$message}}

                    </div>

                    @enderror

                    <textarea id="bio" name="bio" value="" class="form-control" rows="2" placeholder="Description">{{$author->bio}}</textarea>

                    @error('bio')

                    <div class="text-danger">

                        {{$message}}

                    </div>

                    @enderror

                    <div class="md-form mt-3">

                        <label for="slika">Picture</label>

                        <input type="file" id="image" name="image" class="form-control">

                    </div>

                    @error('image')

                    <div class="text-danger">

                        {{$message}}

                    </div>

                    @enderror

                    <div class="md-form mb-3">

                        <input type="submit" class="btn btn-secondary my-3" id="azuriraj" name="azuriraj" value="Update author info" class="form-control">

                    </div>

                </form>

            </div>

        </div>

    </main>

@endsection

### Partials

##### Bootstrap-4.blade.php - for pagination

@if ($paginator->hasPages())

    <nav>

        <ul class="pagination justify-content-center">

            {{-- Pagination Elements --}}

            @foreach ($elements as $element)

                {{-- Array Of Links --}}

                @if (is\_array($element))

                    @foreach ($element as $page => $url)

                        @if ($page == $paginator->currentPage())

                            <li class="page-item active"><a class="page-link" id="link{{$page}}" data-page="{{$page}}" href="#">{{$page}}</a></li>

                        @else

                            <li class="page-item"><a class="page-link" id="link{{$page}}" data-page="{{$page}}" href="#">{{$page}}</a></li>

                        @endif

                    @endforeach

                @endif

            @endforeach

        </ul>

    </nav>

@endif

##### filterArtists.blade.php

@extends('pages.admin.filters')

@section('filter') Artists @endsection

@section('body')

    @foreach($artists as $a)

        <tr>

            <td>{{$a->id}}</td>

            <td>{{$a->name}}</td>

            <td><a href="#" class="del-artist h5 link-color" data-id="{{$a->id}}"><i class="fas link-color fa-trash d-block text-center"></i></a></td>

        </tr>

    @endforeach

@endsection

@section('name') Artists @endsection

@section('route') {{route('artist.store')}} @endsection

##### filterStyle.blade.php

@extends('pages.admin.filters')

@section('filter') Styles @endsection

@section('body')

    @foreach($styles as $style)

        @if($style->parent\_id!=null)

            <tr>

                <td>{{$style->id}}</td>

                <td>{{$style->parent->name}} - {{$style->name}}</td>

                <td><a href="#" class="del-style h5 link-color" data-id="{{$style->id}}"><i class="fas link-color fa-trash d-block text-center"></i></a></td>

            </tr>

        @else

        <tr>

            <td>{{$style->id}}</td>

            <td>{{$style->name}}</td>

            <td><a href="#" class="del-style h5 link-color" data-id="{{$style->id}}"><i class="fas link-color fa-trash d-block text-center"></i></a></td>

        </tr>

        @endif

    @endforeach

@endsection

@section('name') Style @endsection

@section('route') {{route('style.store')}} @endsection

@section('other')

    <p class="mt-3"> If you are adding a substyle, select its parent style <mark class="text-danger bg-transparent">(substyles can't have their substyles!)</mark> </p>

    <select id="pStyle" name="pStyle" class="form-control">

        <option value="">Select parent Style</option>

        @foreach($stylesNP as $style)

            <option value="{{$style->id}}">{{$style->name}}</option>

        @endforeach

    </select>

    @error('pStyle')

    <div class="text-danger">

        {{$message}}

    </div>

    @enderror

@endsection

##### filterTypes.blade.php

@extends('pages.admin.filters')

@section('filter') Types @endsection

@section('body')

    @foreach($types as $t)

            <tr>

                <td>{{$t->id}}</td>

                <td>{{$t->name}}</td>

                <td><a href="#" class="del-type h5 link-color" data-id="{{$t->id}}"><i class="fas link-color fa-trash d-block text-center"></i></a></td>

            </tr>

    @endforeach

@endsection

@section('name') Types @endsection

@section('route') {{route('type.store')}} @endsection

##### Menu\_child.blade.php

<ul id="{{$n->route}}" class="sidebar-dropdown list-unstyled collapse" data-bs-parent="#sidebar">

    @foreach($childs as $child)

        <li class="sidebar-item">

            <a class="sidebar-link" href="{{route($child->route)}}">{{$child->name}}</a>

            @if(count($child->childs))

                @include('partials.menu\_child',['childs' => $child->childs])

            @endif

        </li>

    @endforeach

</ul>

##### previewModal.blade.php

<div id="preview">

    <div class="modal fade show" id="prewProduct" tabindex="-1" role="dialog" aria-labelledby="myModalLabel">

        <div class="modal-dialog modal-lg" role="document">

            <!--Content-->

            <div class="modal-content">

                <!--Body-->

                <div class="modal-header">

                    <h3 class="text-center mb-1 text-yellow">Preview</h3>

                    <button type="button" class="close" data-dismiss="modal" aria-label="Close">

                        <span aria-hidden="true">&times;</span>

                    </button>

                </div>

                <div class="modal-body mb-0 p-0">

                    <div class="container-fluid row" id="preview">

                        <div class="container my-3 bg-black-70 p-4 rounded w-75">

                            <div class="m-0 p-0 d-flex m-auto">

                                <div class="col-5 order-md-1 mr-2 align-self-center">

                                    <img id="p-image" class="img-fluid rounded-lg" src="" alt="">

                                    <div id="err-message"></div>

                                </div>

                                <div class="col-6 order-md-2 ml-0 pl-0 align-self-center">

                                    <input type="text" id="p-name" name="p-name" value="" class="form-control mb-2" placeholder="Name">

                                    <input type="number" step=".01" id="p-price" name="p-price" value="" class="form-control mb-2" placeholder="Price">

                                    <input type="number" id="p-disc" name="p-disc" value="" class="form-control mb-2" placeholder="Discount">

                                    <div class="d-flex justify-content-center">

                                        <input type="number" step=".01" id="p-w" name="p-w" value="" class="form-control mb-2" placeholder="Width">

                                        <span class="h3 mx-1">x</span>

                                        <input type="number" step=".01" id="p-h" name="p-h" value="" class="form-control mb-2" placeholder="Height">

                                        <p id="p-size" class="ml-1"></p>

                                    </div>

                                    <textarea id="p-desc" name="p-desc" value="" class="form-control" rows="2" placeholder="Description"></textarea>

                                    <select id="p-type" name="p-type" class="form-control mt-3">

                                        @foreach($types as $type)

                                            <option value="{{$type->id}}">{{$type->name}}</option>

                                        @endforeach

                                    </select>

                                    <select id="p-style" name="p-style" class="form-control mt-3">

                                        @foreach($styles as $style)

                                            @if(count($style->childs))

                                                @foreach($style->childs as $child)

                                                    <option value="{{$child->id}}">{{$style->name}} - {{$child->name}}</option>

                                                @endforeach

                                            @else

                                                <option value="{{$style->id}}">{{$style->name}}</option>

                                            @endif

                                        @endforeach

                                    </select>

                                    <select id="p-artist" name="p-artist" class="form-control mt-3">

                                        @foreach($artists as $a)

                                            <option value="{{$a->id}}">{{$a->name}}</option>

                                        @endforeach

                                    </select>

                                </div>

                            </div>

                        </div>

                    </div>

                </div>

                <!--Footer-->

                <div class="modal-footer justify-content-center d-flex">

                    <button type="button" id="p-update" data-id="" name="p-update" class="btn btn-secondary btn-rounded btn-md ml-4">Update</button>

                </div>

            </div>

            <!--/.Content-->

        </div>

    </div>

</div>

##### product.blade.php

<div class="card card-shadow" >

    <div class="position-relative">

        <a href="{{route('shop.product',$product->id)}}"><img src="{{asset('assets/images/products/'.$product->image)}}" class="card-img-top" alt="{{$product->alt}}"></a>

        @if(session()->has('user'))

            <a href="#" data-id="{{$product->id}}" class="addToCart btn btn-primary position-absolute">Add to cart</a>

        @endif

    </div>

    <div class="card-body">

        <a href="{{route('shop.product',$product->id)}}"><p class="card-title link-color h6">{{$product->name}}</p></a>

        <h6> By {{$product->artist->name}} </h6>

        <h6> {{$product->type->name}} painting </h6>

        <h6> Style: {{$product->style->name}}</h6>

        @if($product->discount)

            <div class="d-flex justify-content-start">

                <del><p class="card-text font-weight-bold">£{{$product->price}}</p></del>

                <span class="text-gradient font-weight-bold ml-2 align-items-center">£{{round($product->price\*(1-$product->discount/100),2)}}</span>

            </div>

        @else

            <p class="card-text font-weight-bold">£{{$product->price}}</p>

        @endif

    </div>

</div>

##### Style\_list.blade.php

<ul>

    @foreach($childs as $child)

        <li class="{{count($style->childs)!=0 ? "offset-1" : ""}}">

            <input type="checkbox" class="chbStyle subCheck" data-parent="{{$parent}}" name="style[]" value="{{$child->id}}"><label for="style" class="ml-2">{{$child->name}}</label>

            @if(count($child->childs))

                @include('partials.style\_list',['childs' => $child->childs, 'parent'=>$style->id])

            @endif

        </li>

    @endforeach

</ul>