

*Visoka škola strukovnih studija za
informacione i komunikacione
tehnologije*

Artsy

Smer: Internet tehnologije

Modul: Web Programiranje

Predmet: Web Programiranje PHP 2

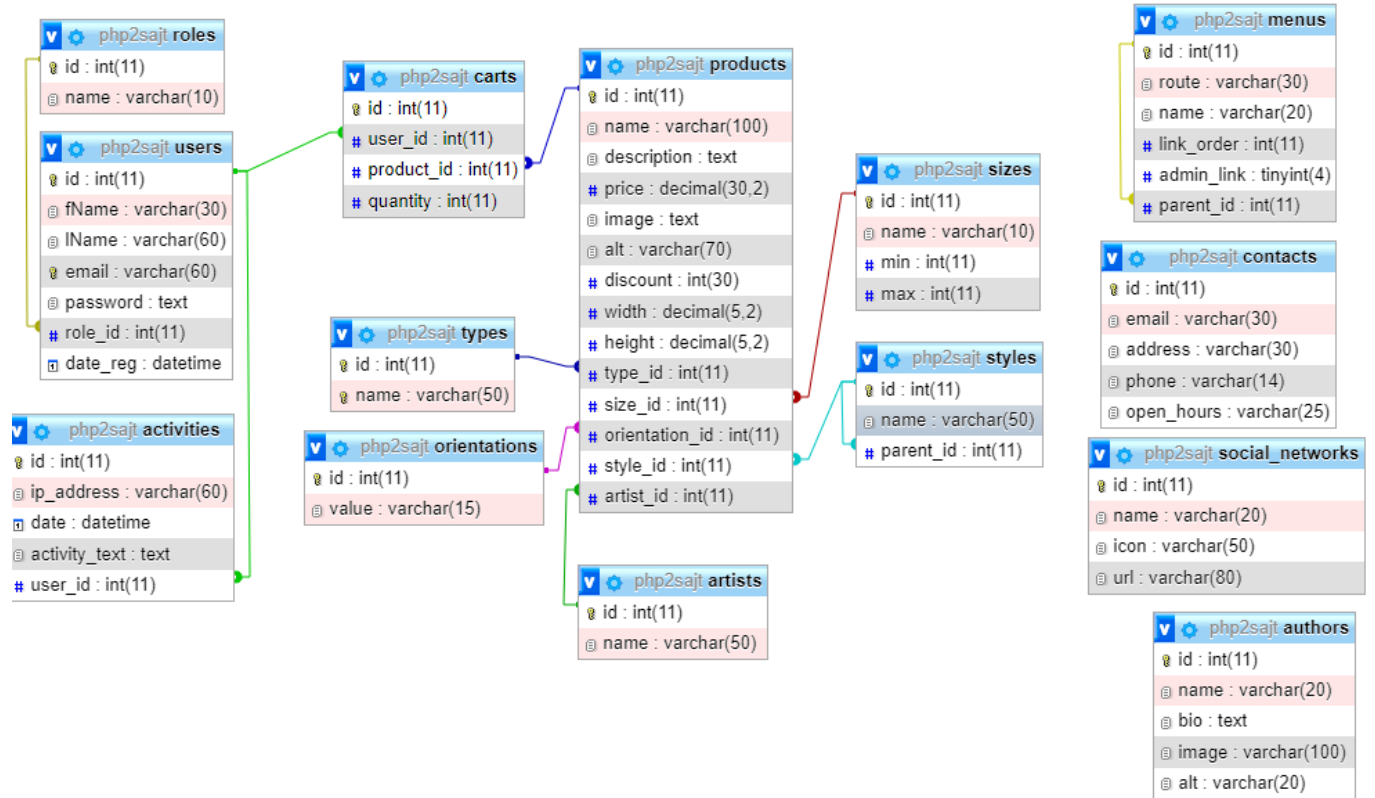
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Database



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']->name('shop.products'));
});

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']->name('cart.add'));
    Route::delete('/delete',[App\Http\Controllers\CartController::class,'deleteFromCart']->name('cart.delete'));
});

Route::group(['prefix' => 'admin', 'middleware' => 'auth.admin'],function(){
    Route::get('/activity',[App\Http\Controllers\ActivityController::class,'index']->name('admin.activity'));
    Route::get('/activities',[App\Http\Controllers\ActivityController::class,'show']->name('admin.activities'));
});
```

```

    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-ZÀÈÌÒÙÁÉÍÓÚÝÂÊÎÔÛÃÑÕÄËÏÖÜÇßÐÅÆ][a-zàèìòùáéíóúýâêîôûãñõäëïöüçßðåæ]{2,19}([\s-][A-ZÀÈÌÒÙÁÉÍÓÚÝÂÊÎÔÛÃÑÕÄËÏÖÜÇßÐÅÆ][a-zàèìòùáéíóúýâêîôûãñõäëïöüçßðåæ]{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-
zàèìòùÀÈÌÒÙáéíóúýÁÉÍÓÚÝâêîôûÂÊÎÔÛãñõÃÑÕäëïöüÿÄËÏÖÜŸçßøðÅåÆæ\ d_.()"'\'#,-
]{1,70}(\s[A-
zàèìòùÀÈÌÒÙáéíóúýÁÉÍÓÚÝâêîôûÂÊÎÔÛãñõÃÑÕäëïöüÿÄËÏÖÜŸçßøðÅåÆæ\ 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 onl
y 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})*/$"/],
            'bio'=>["regex:/^[A-Z\d]([A-z\s\d.()';\s\"&-?!])+$/"/],
            '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-ZÀÈÌÒÙÁÉÍÓÚÝÂÊÎÔÛÃÑÕÄËÏÖÜŸÇøÅÆ][a-zàèìòùáéíóúýâêîôûãñõäëïöüÿçøåæ]{2,19}([\s-][A-ZÀÈÌÒÙÁÉÍÓÚÝÂÊÎÔÛÃÑÕÄËÏÖÜŸÇøÅÆ][a-zàèìòùáéíóúýâêîôûãñõäëïöüÿçøåæ]{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.(),"%--\'?!])+$/ ',
        'price'=>'numeric|gt:0',
        'disc'=>'numeric|gte:0',
        'name'=>'regex:/^[A-
zàèìòùÀÈÌÒÙáéíóúýÁÉÍÓÚÝâêîôûÂÊÎÔÛãñõÃÑÕäëïöüÿÄËÏÖÜŸçßøðÅåÆæ\ d_()."'\'#,-
]{1,70}(\s[A-
zàèìòùÀÈÌÒÙáéíóúýÁÉÍÓÚÝâêîôûÂÊÎÔÛãñõÃÑÕäëïöüÿÄËÏÖÜŸçßøðÅåÆæ\ d_().#'\'," ,
-]{1,70})*$/ ',
        '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.'],4
09);
}
}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 ty
pe!'],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 st
yle!'],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 s
    // e 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: ".$pid.") from c
art - from IP: ".$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 pi
ece 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 pokuša da unese podstil podstila, neće moći 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-
Vkoo8x4CGs03+Hhvx8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="an
onymous">
<!-- Colorbox -->
<link rel="stylesheet" href="{{asset('assets/css/colorbox.css')}}">
<!-- Custom CSS -->
<link rel="stylesheet" href="{{asset('assets/css/style.css')}}" type="tex
t/css"/>
<link rel="shoprtrcut 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')}}"></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>
    </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="passwo
rd" 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="passC
heck" 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">x</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" clas
s="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>
<!-- 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.getFull
Year());</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 o
f 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-Vkoo8x4CGs03+Hhvxv8T/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="shoprhtcut 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')}}">
         <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>

```

```

        </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])@endcomp
onent
                @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)
    {{--
            <tr>
                <td>alt}}"/></td>
                <td>{{ $c->name}}</td>
                <td>{{ $c->price}}</td>
                <td><input type="number" min="1" class="up-quant 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 a
n 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">
                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>
    </div>
@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)}}">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($products)}}--}}
<main class="content">
    @if(session()->has('message'))
        <div class="container mt-4">
            <div class="alert alert-success" role="alert">
                {{ session('message') }}
            </div>
        </div>
    @elseif(session()->has('error'))
        <div class="container mt-4">
            <div class="alert alert-danger" role="alert">
                {{ session('error') }}
            </div>
        </div>
    @endif
    <h3 class="text-center mb-5"> Paintings </h3>
    <table class="table-bordered mx-auto w-75">
        <thead>
            <tr>
                <th>Product</th>
                <th>Name</th>
                <th>Preview</th>
                <th>Remove</th>
            </tr>
        </thead>
        <tbody id="prodTable">
            @foreach($products as $p)

```



```

        <tr>
            <td>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="multipa
rt/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>
            </tr>

```

```

        <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="f
orm-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" cl
ass="form-control fc1">
    </div>
    <div class="mt-4 d-flex justify-content-center">
        <button type="submit" id="btnReg" name="btnReg" class="btn bt
n-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
    </main>

```

```

<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>
    </form>
  </div>
</div>

```



```

        </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="{{ $n->route }}" class="sidebar-dropdown list-unstyled collapse" data-bs-
parent="#sidebar">
  @foreach($chlds as $child)
    <li class="sidebar-item">
      <a class="sidebar-link" href="{{ route($child->route) }}">{{ $child-
>name }}</a>
      @if(count($child->chlds))
        @include('partials.menu_child',['chlds' => $child->chlds])
      @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>
            </div>
          </div>
        </div>
      </div>
    </div>
  </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) }}">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">f{{round($product->price*(1-$product->discount/100),2)}}</span>
    </div>
    @else
        <p class="card-text font-weight-bold">f{{ $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>

```