VISOKA ŠKOLA STRUKOVNIH STUDIJA ZA INFORMACIONE I KOMUNIKACIONE TEHNOLOGIJE

DOKUMENTACIJA

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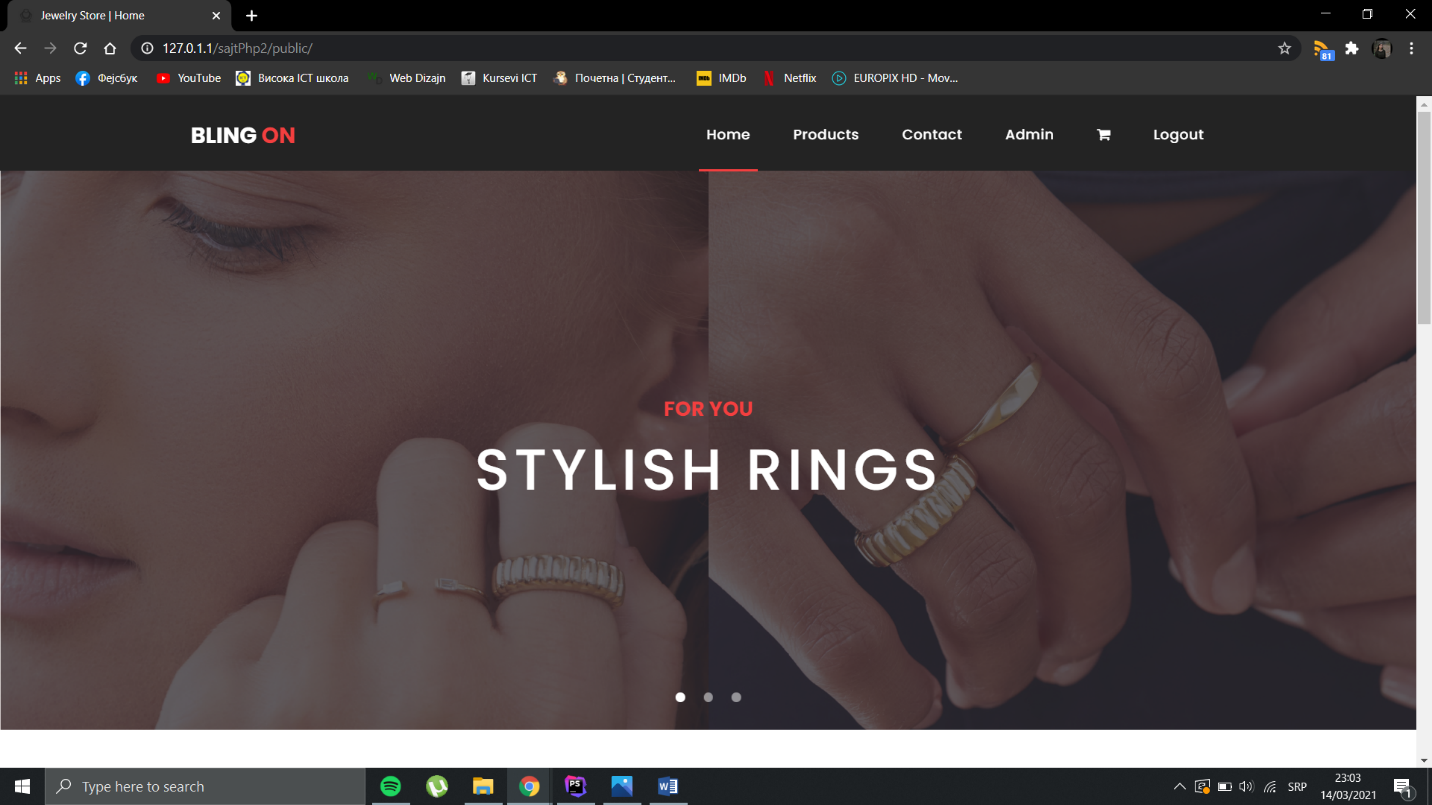
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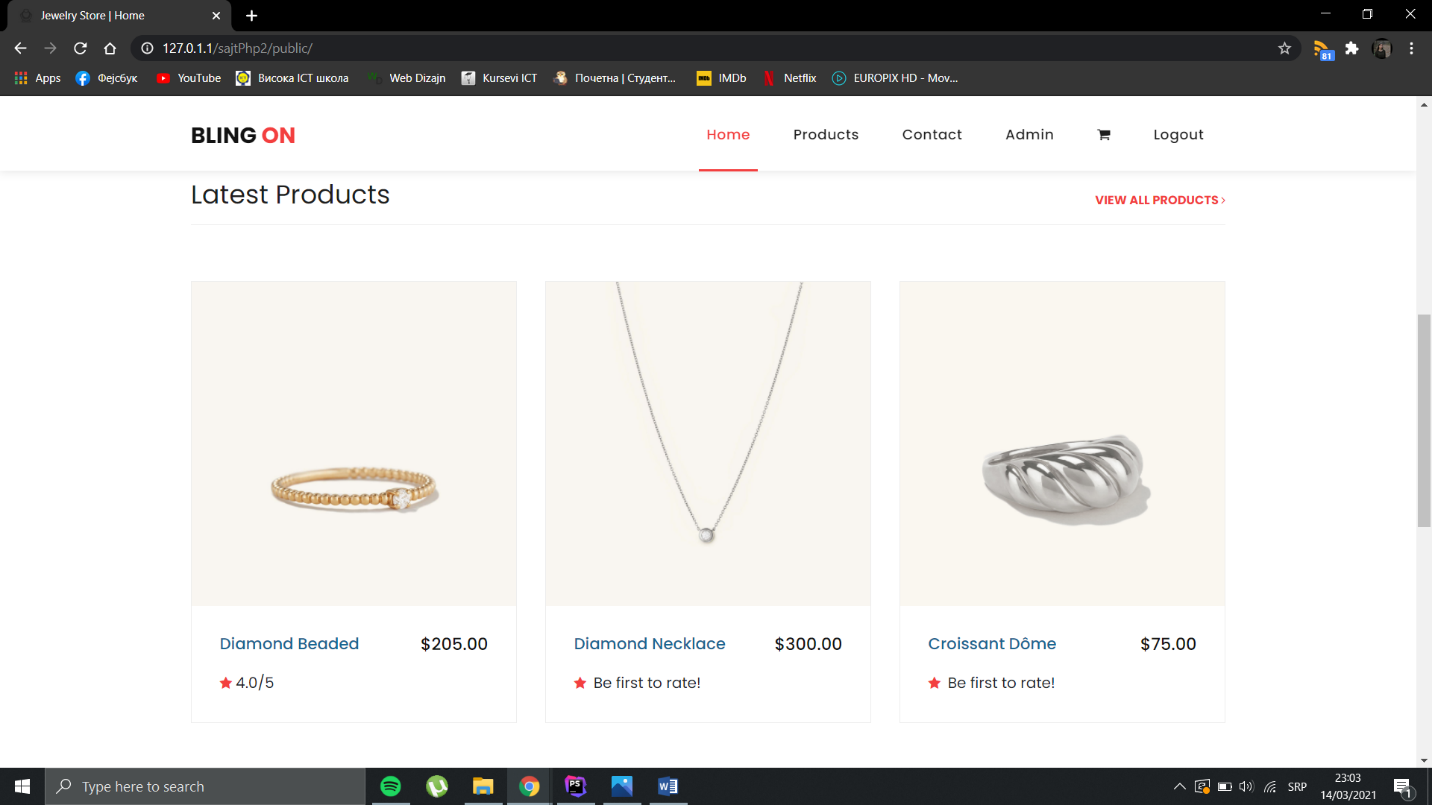
# Opis projekta

Sajt se bavi prodajom nakita. Svi korisnici mogu da vide proizvode ali ih samo autorizovani korisnici mogu oceniti, dodati u korpu i kupiti. Postoje različite boje, brendovi, tipovi i veličine proizvoda. Korisnici mogu kontaktirati admina pomoću forme koja se nalazi na kontakt stranici. Admin može dodati nove porizvode, izmeniti i obrisati postojeće, takođe može videti sve ključne aktivnosti korisnika na posebnoj stranici kojoj samo on ima pristup.

# Slike stranica i opis funcionalnosti

Meni i futer su fiksni. Sadržaj menija se menja na osnovu uloge korisnika koji je ulogovan.

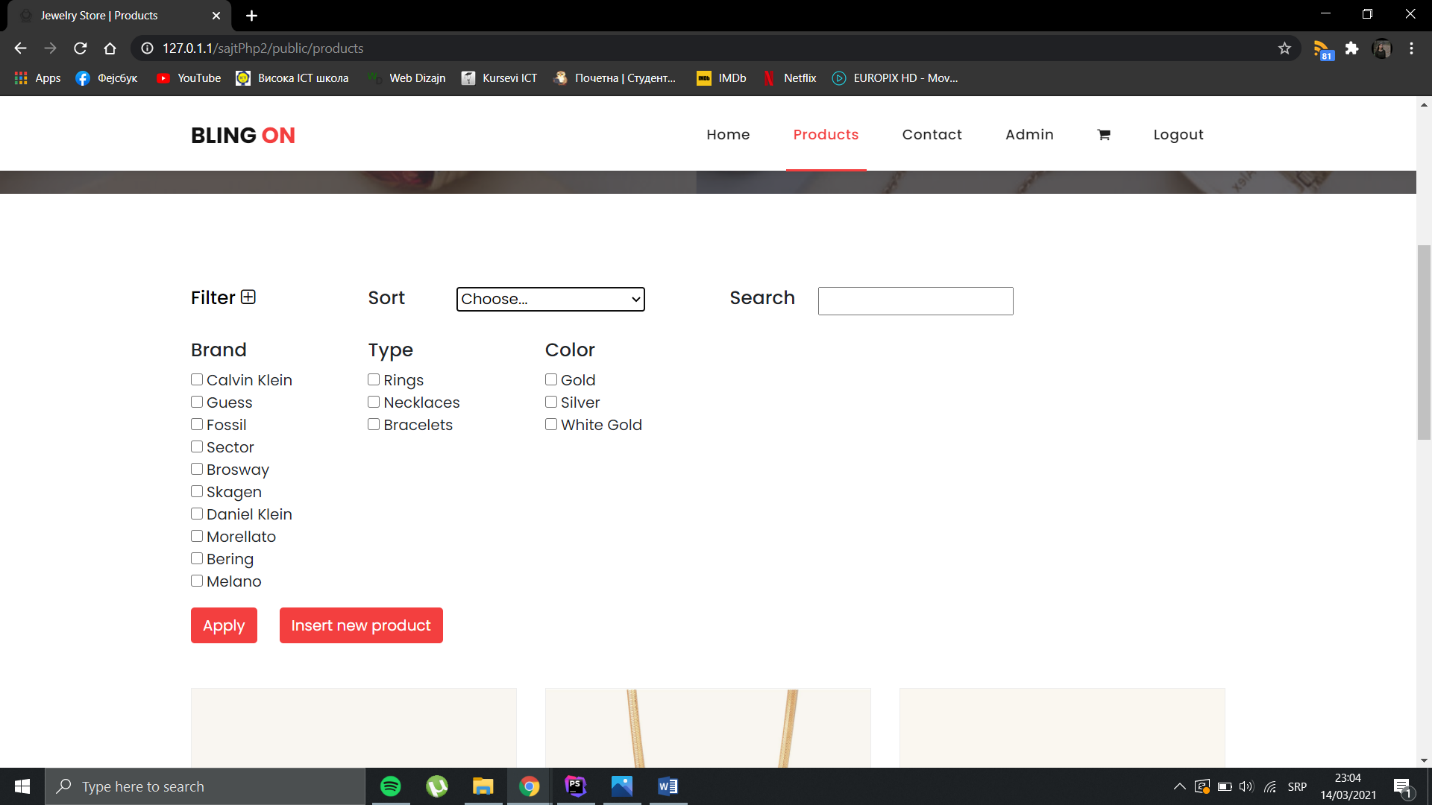
**Home**

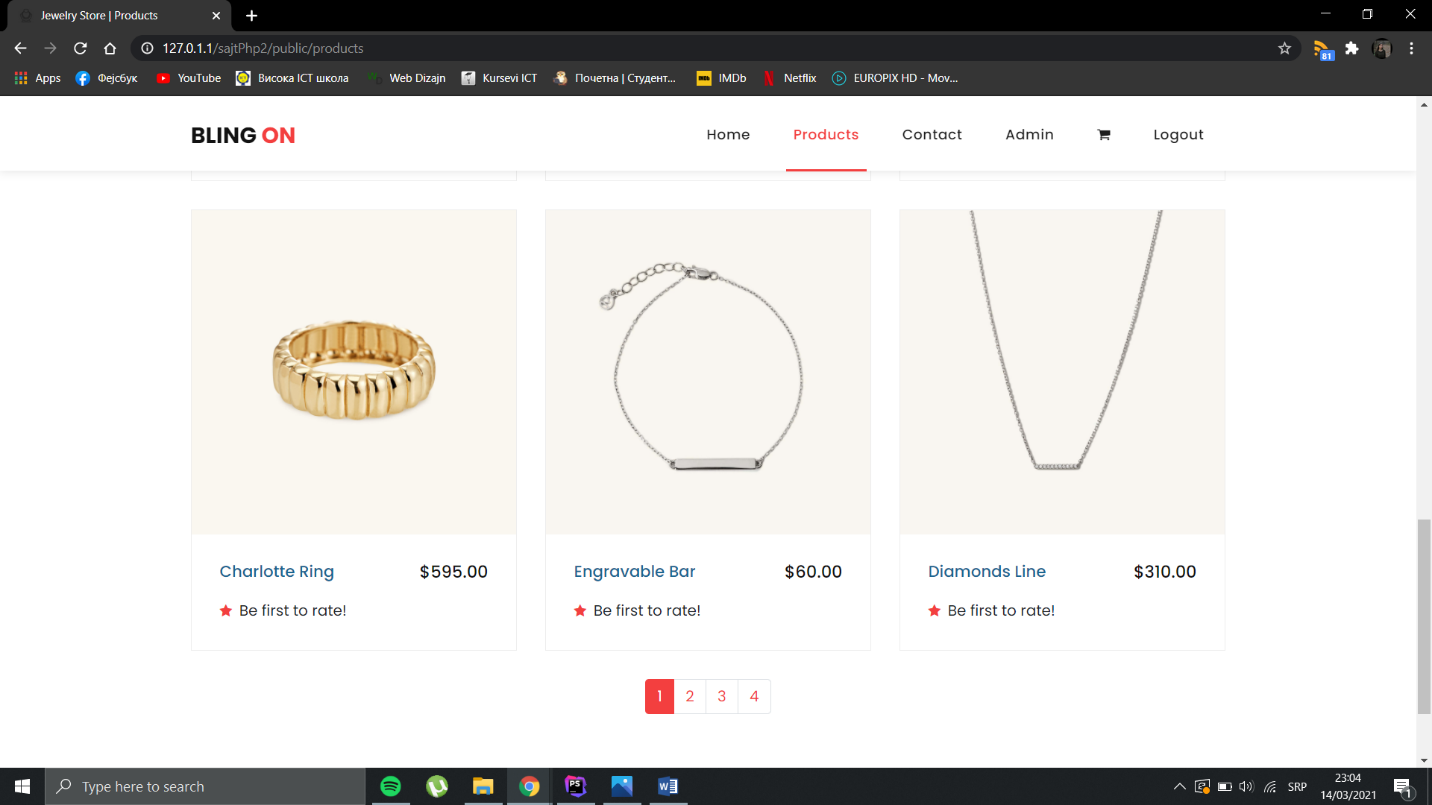




Na home stranici mogu se videti najnovija 3 proizvoda kao i kratak tekst o firmi.

**Proizvodi**  
  

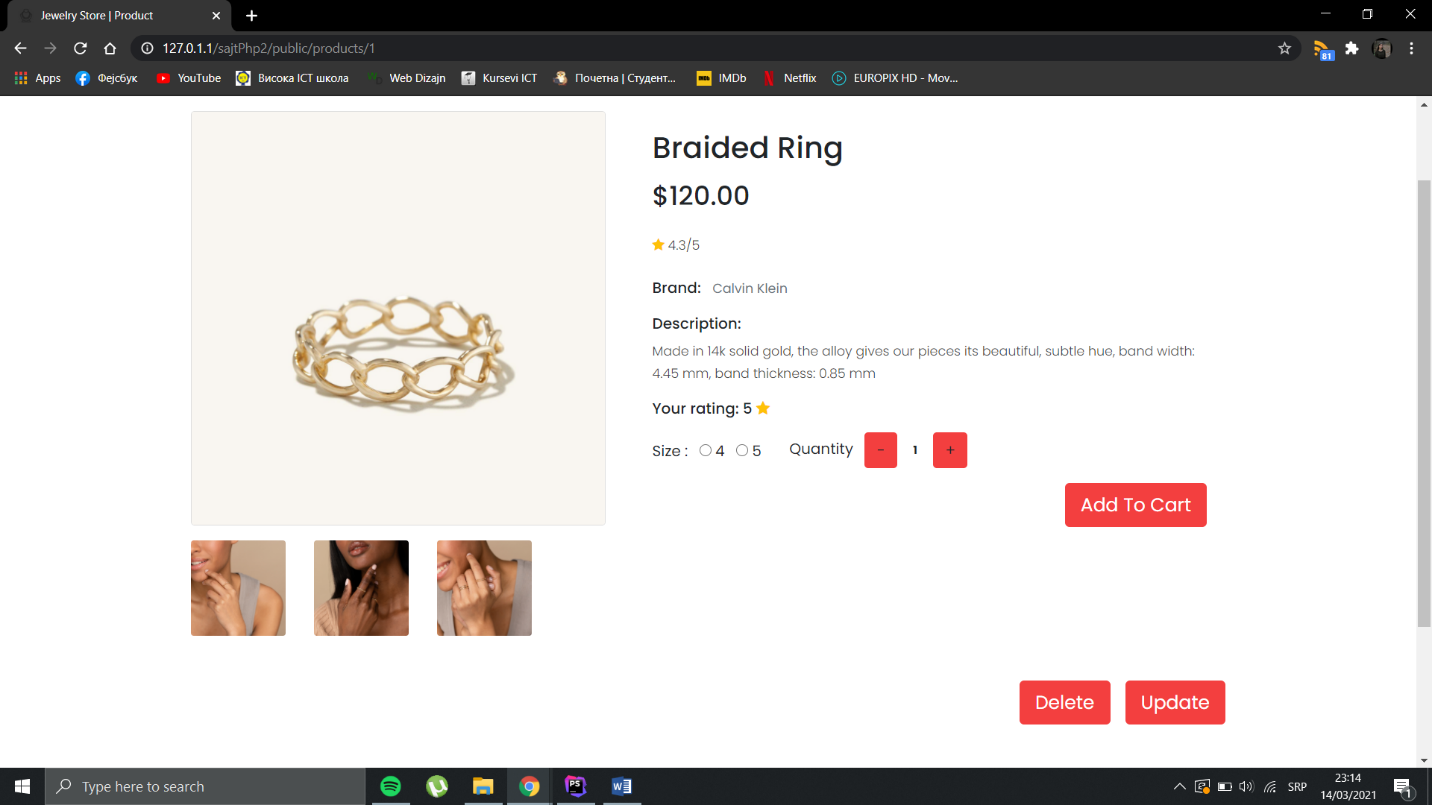





Napomena: Za sajt je korišćen gotov template koji ima bag i dešava se da se ova stranica raspadne ali nakon refreša se vrati u normalu.

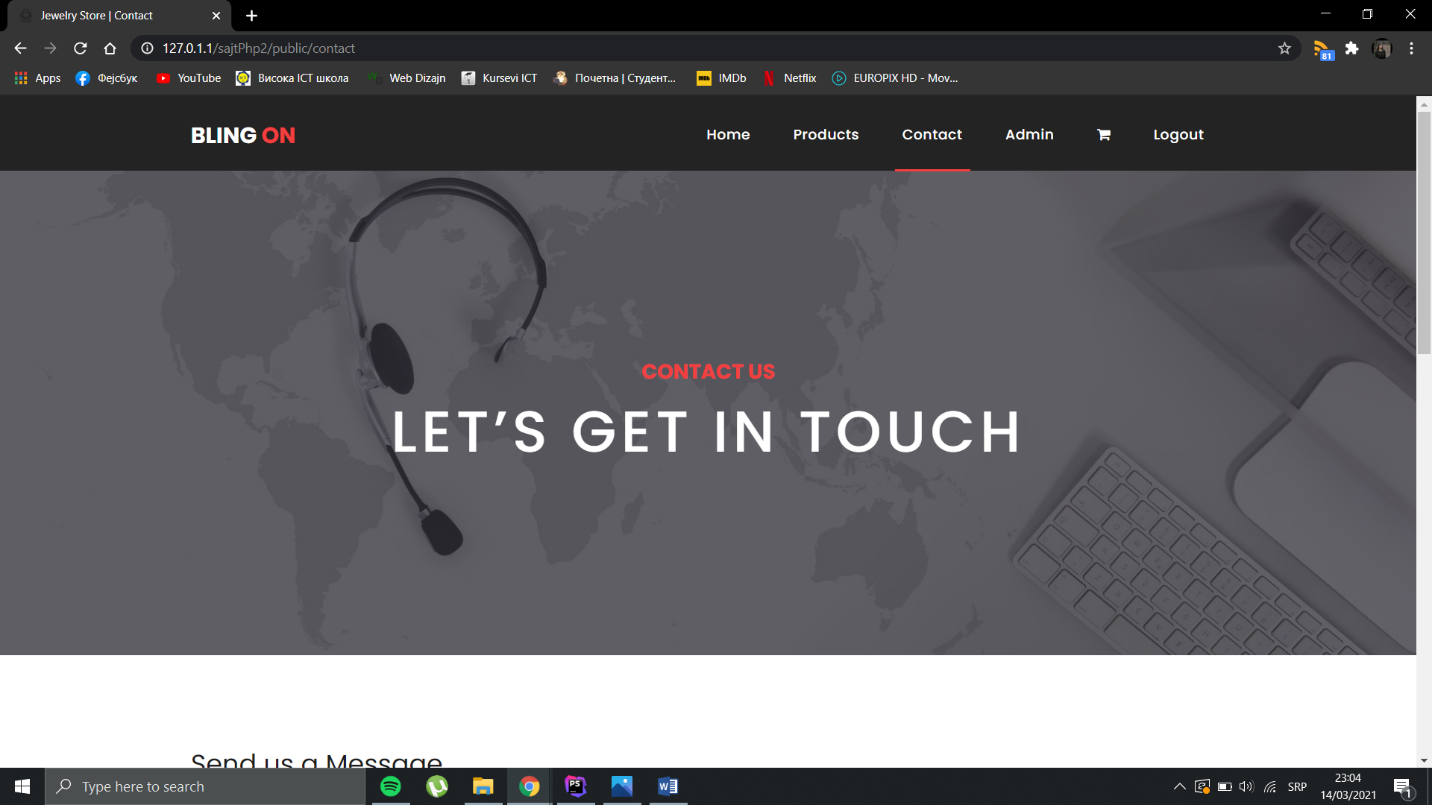
Na ovoj stranici mogu se videti svi proizvodi koji su na raspolaganju i oni se mogu pretraživati po imenu, filtrirati po brendu, boji i tipu i sortirati po ceni i i oceni.

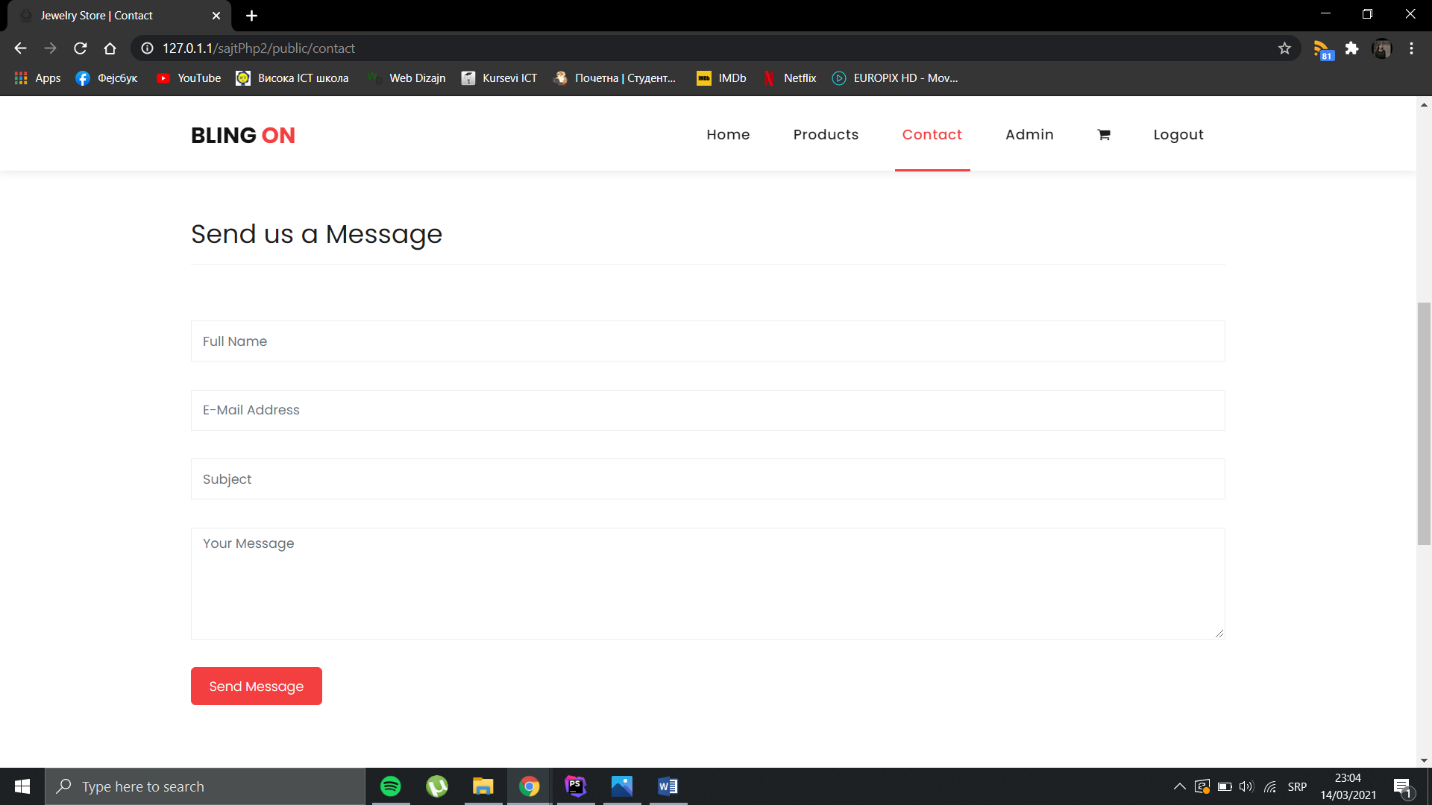
Dugme za insert novog proizvoda vidljivo je samo adminu.

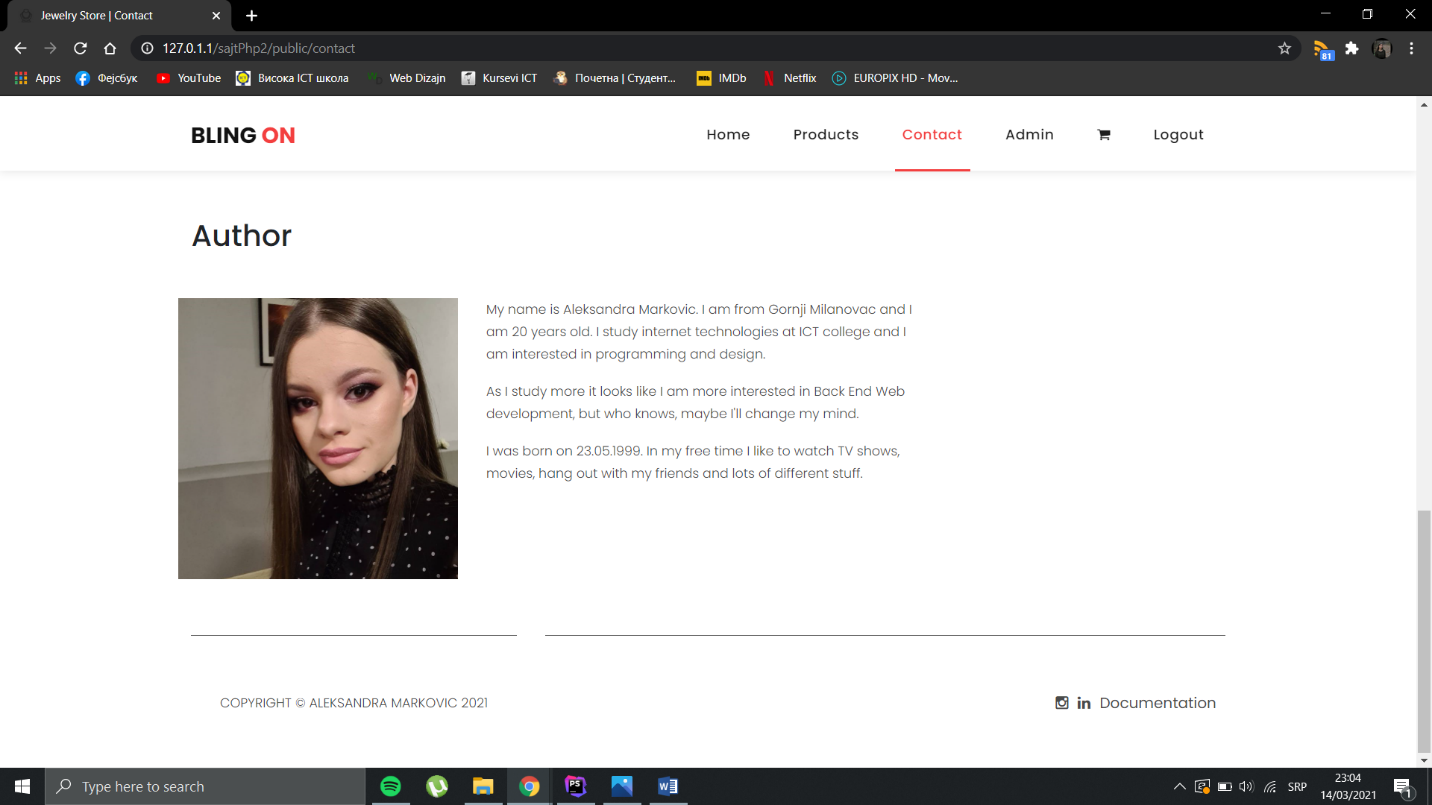


Kada se klikne na ime ili sliku proizvoda odlazi se na pojedinačnu stranicu gde se mogu videti dodatne slike i informacije. Autorizovani korisnici mogu oceniti proizvod i dodati u korpu. Delete i update su vidljivi samo adminu.

**Kontakt stranica**

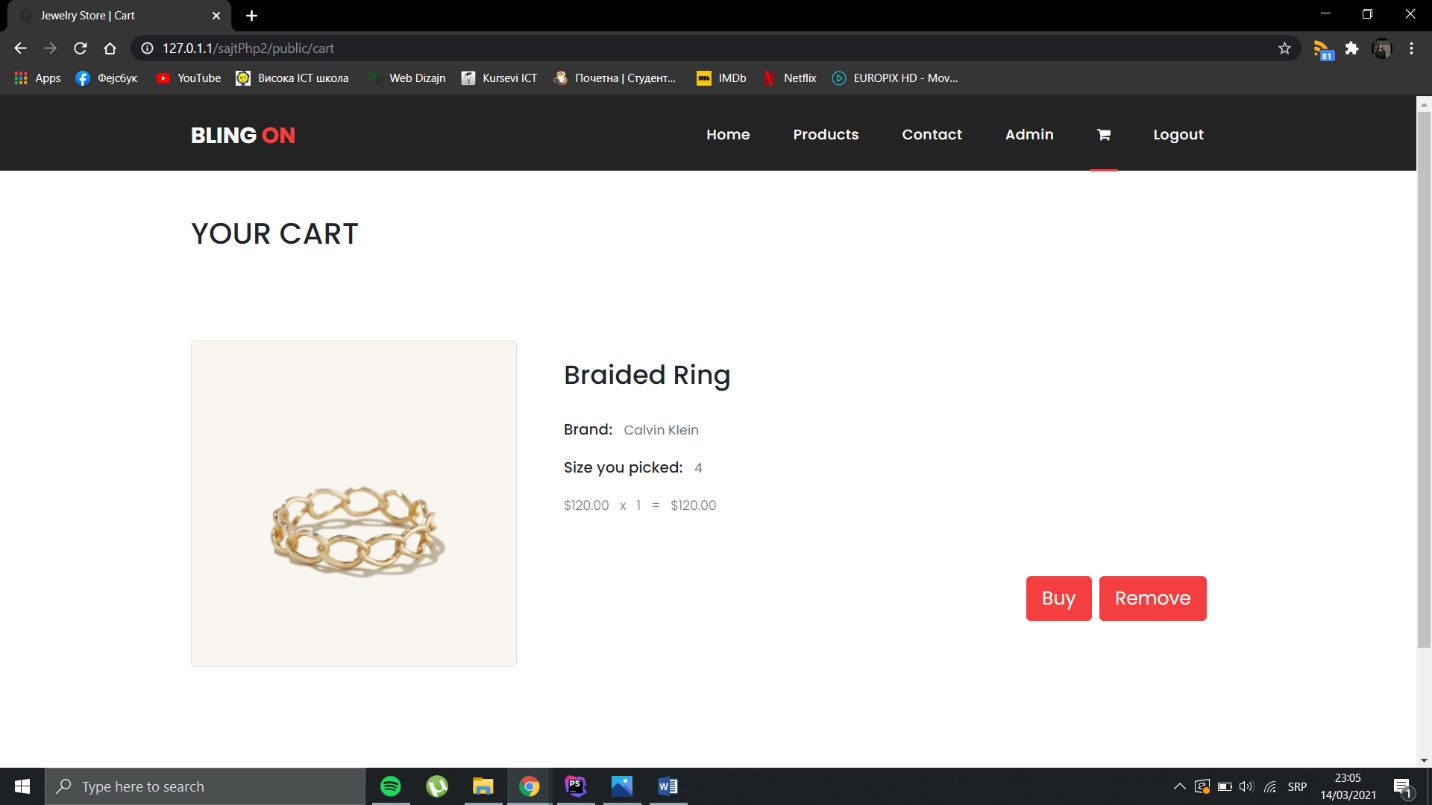


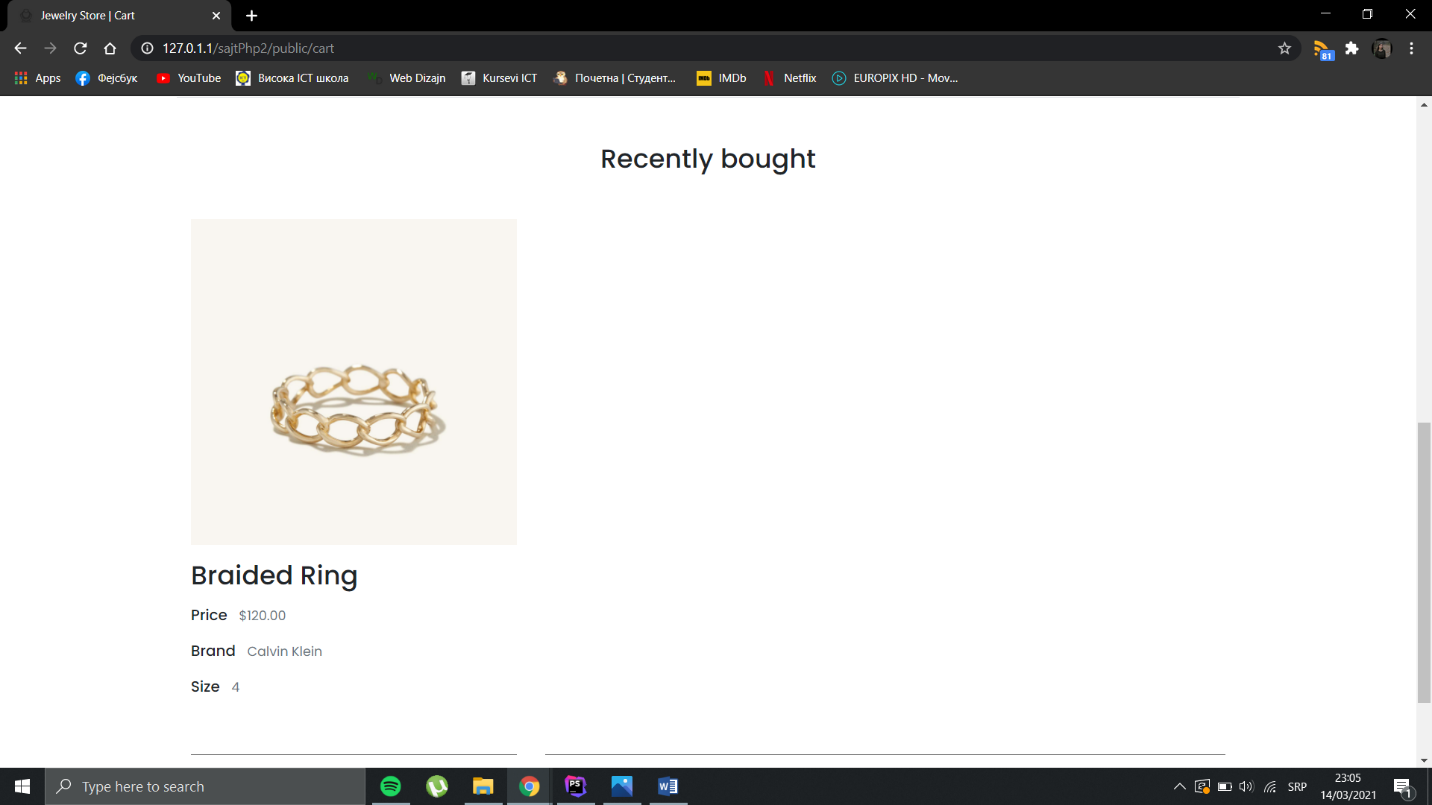




Na stranici kontakt nalazi se forma za kontaktiranje admina i podaci o autoru.

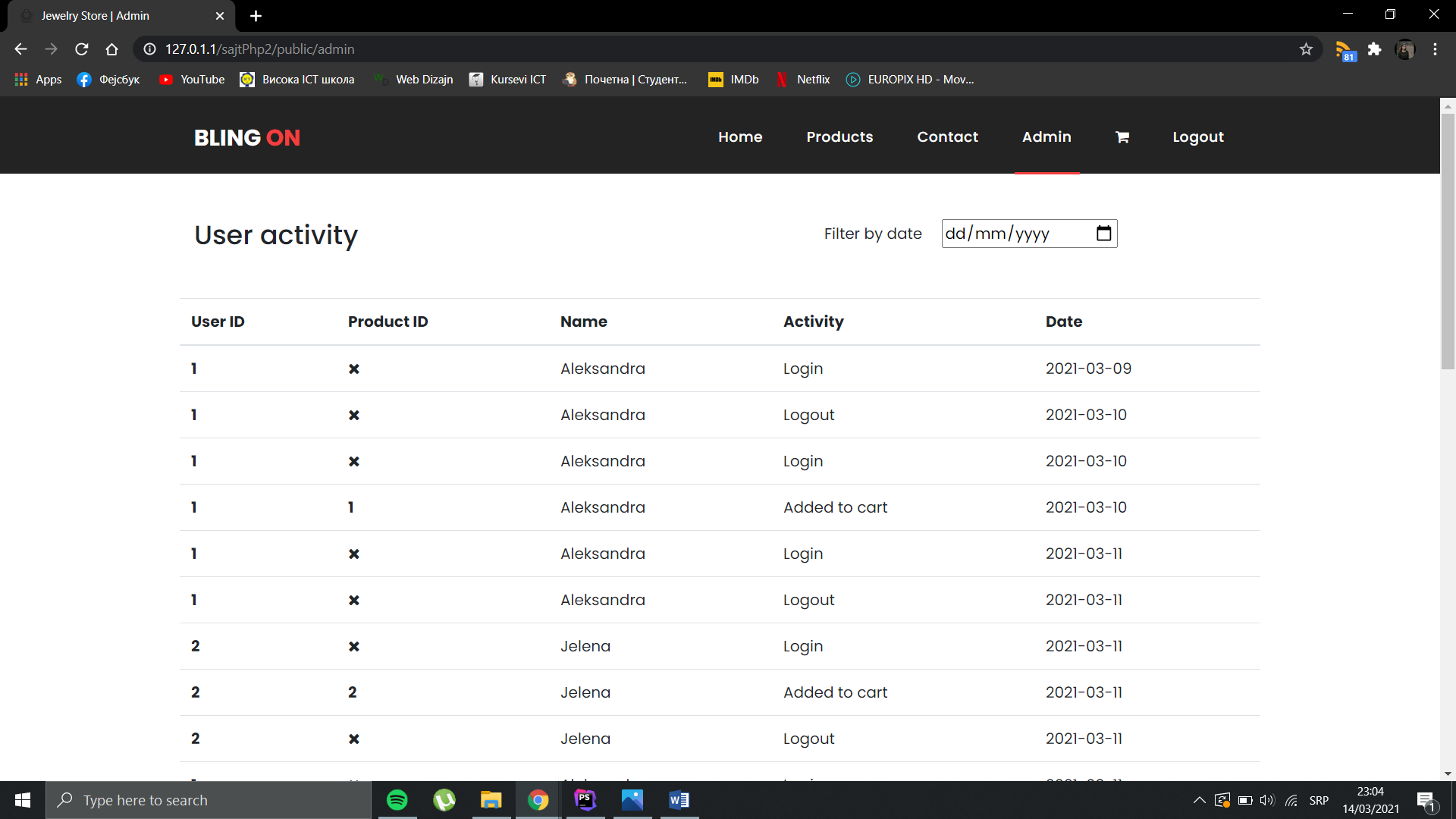
**Korpa**

****

****

U korpi se mogu videti svi dodati proizovdi i kupiti se. Na dnu korpe korisniku se prikazuju poslednja 3 kupljena proizvoda.

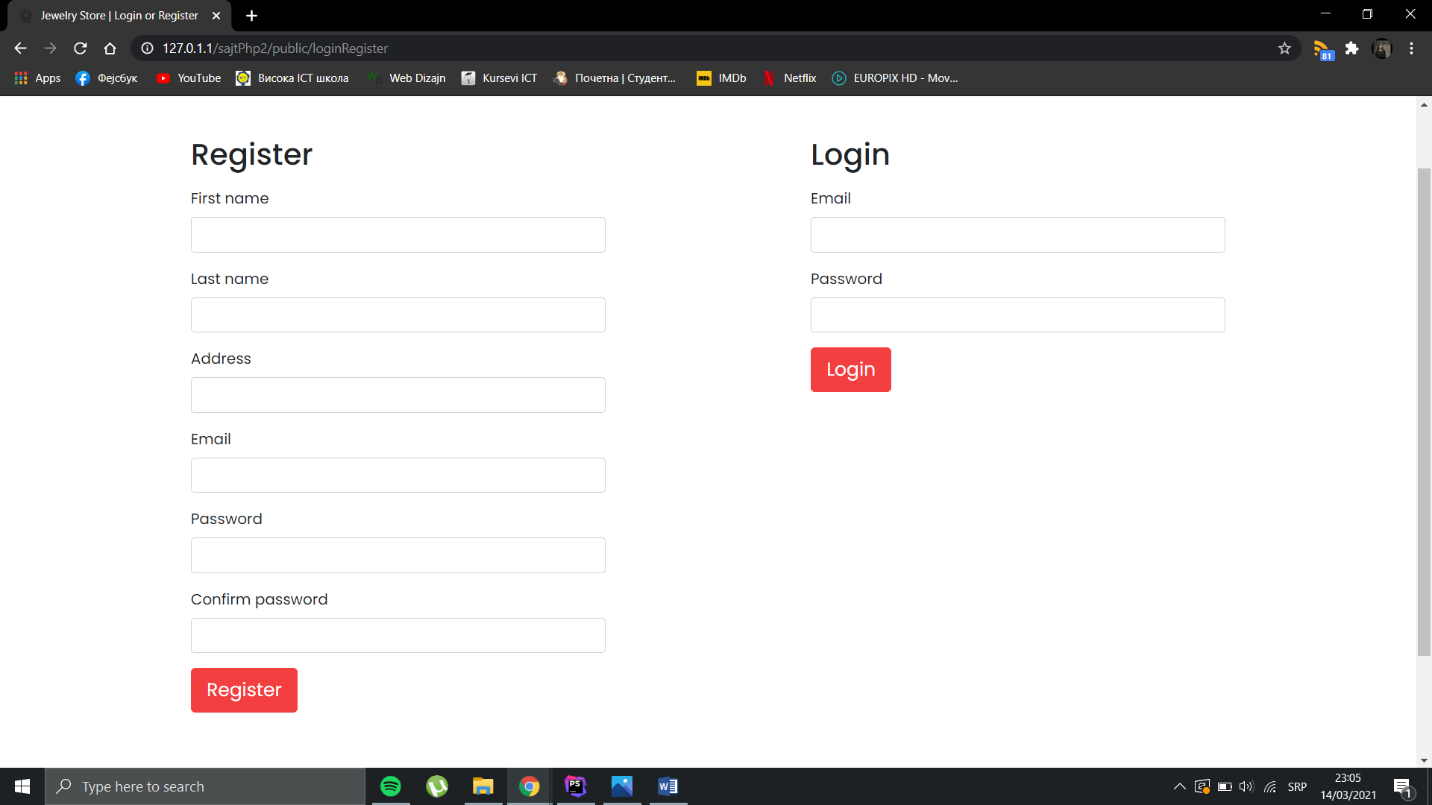
**Admin**

****

Na admin stranici kojoj ima pristup samo admin nalazi se tabela gde se prikazuju sve ključne aktivnosti korisnika.

Može se filtrirati po datumu.

**Login i registracija**



Na ovoj stranici nalaze se forme za login i registraciju korisnika.

# Dizajn baze podataka



# Kodovi

## \App\Http\Controllers

AdminController.php

<?php  
  
namespace App\Http\Controllers;  
  
use App\Models\Admin;  
  
class AdminController extends OsnovniController  
{  
  
 private $adminModel;  
  
 public function index(){  
 $this->adminModel = new Admin();  
 $this->data['admins'] = $this->adminModel->getForAdmin();  
 return view('admin.admin', $this->data);  
 }  
  
 public function admin(){  
 $this->adminModel = new Admin();  
 $adminData = $this->adminModel->getForAdmin();  
 return $adminData;  
 }  
}

CartController.php

<?php  
  
namespace App\Http\Controllers;  
  
use App\Models\Buy;  
use App\Models\Cart;  
use App\Models\Product;  
use Carbon\Carbon;  
use Illuminate\Http\Request;  
use Illuminate\Http\Response;  
use Illuminate\Support\Facades\Log;  
  
class CartController extends OsnovniController  
{  
  
 private $cartModel;  
 private $boughtModel;  
  
 public function index(){  
 return view('pages.main.cart', $this->data);  
 }  
  
 public function addToCart(Request $request){  
 $product\_id = $request->get('id');  
 $size\_id = $request->get('size');  
 $quantity = $request->get('quantity');  
 if(session()->has('user')){  
 $user\_id = session('user')->user\_id;  
 }  
  
 try {  
 $product\_size\_id = \DB::*table*('product\_size')  
 ->select('id', 'quantity')  
 ->where('product\_id', $product\_id)  
 ->where('size\_id', $size\_id)  
 ->first();  
  
 if($product\_size\_id){  
 if($quantity > $product\_size\_id->quantity){  
 return "Not enough in stock!";  
 }  
  
 $select = \DB::*table*('carts')  
 ->where('product\_size\_id', $product\_size\_id->id)  
 ->where('user\_id', $user\_id)  
 ->first();  
 if($select){  
 return 'Already in cart.';  
 }  
 else {  
 $insert = \DB::*table*('carts')->insert([  
 'product\_size\_id' => $product\_size\_id->id,  
 'user\_id' => $user\_id,  
 'quantity' => $quantity,  
 'bought' => false  
 ]);  
 if($insert){  
 \DB::*table*('admin')->insert([  
 'user\_id' => session('user')->user\_id,  
 'product\_id' => $product\_id,  
 'name' => session('user')->user\_name,  
 'action' => 'Added to cart',  
 'date' => Carbon::*now*()->toDate()  
 ]);  
 return 'Successfully added to cart!';  
 }  
 }  
  
 }  
 }  
 catch(\Exception $e){  
 Log::error($e->getMessage());  
 }  
 }  
  
 public function showCart(){  
 $this->cartModel = new Cart();  
 $products = $this->cartModel->getCart();  
 return response()->json($products);  
 }  
  
 public function delete(Request $request){  
 $id = $request->get('id');  
 if(session()->has('user')){  
 $user\_id = session('user')->user\_id;  
 }  
  
 $delete = \DB::*table*('carts')  
 ->where('product\_size\_id', $id)  
 ->where('user\_id', $user\_id)  
 ->delete();  
  
 if($delete){  
 $this->cartModel = new Cart();  
 $products = $this->cartModel->getCart();  
 return response()->json($products);  
 }  
 }  
  
 public function buy(Request $request){  
 $insert = \DB::*table*('buys')->insert([  
 'cart\_id' => $request->get('id'),  
 'date' => Carbon::*now*()->toDateTime()  
 ]);  
  
 if($insert){  
 $quantity = \DB::*table*('product\_size')  
 ->select('quantity')  
 ->where('id', $request->get('product\_size\_id'))  
 ->first();  
  
 $quantityCart = \DB::*table*('carts')  
 ->select('quantity')  
 ->where('id', $request->get('id'))  
 ->first();  
  
 \DB::*table*('product\_size')->where('id', $request->get('product\_size\_id'))  
 ->update([  
 'quantity' => $quantity->quantity - $quantityCart->quantity  
 ]);  
  
 \DB::*table*('carts')->where('id', $request->get('id'))  
 ->update([  
 'bought' => true  
 ]);  
  
 $this->cartModel = new Cart();  
 $products = $this->cartModel->getCart();  
 return response()->json($products);  
 }  
  
 }  
  
 public function bought(){  
 $this->boughtModel = new Buy();  
 $products = $this->boughtModel->getBought();  
 return response()->json($products);  
 }  
}

ContactController.php

<?php  
  
namespace App\Http\Controllers;  
  
use App\Mail\SendEmail;  
use Illuminate\Http\Request;  
use Illuminate\Support\Facades\Mail;  
  
class ContactController extends OsnovniController  
{  
 public function index(){  
 return view('pages.main.contact', $this->data);  
 }  
  
 public function sendEmail(Request $request){  
 $this -> validate($request, [  
 'name' => 'required',  
 'email' => 'required|email',  
 'subject' => 'required',  
 'message' => 'required'  
 ]);  
  
 $data = array(  
 'name' => $request->input('name'),  
 'email' => $request->input('email'),  
 'subject' => $request->input('subject'),  
 'message' => $request->input('message')  
 );  
  
 Mail::to('markovic749@gmail.com')->send(new SendEmail($data));  
 return "Thank you for contacting us.";  
 }  
}

HomeController.php

<?php  
  
namespace App\Http\Controllers;  
  
use App\Models\Product;  
use Illuminate\Http\Request;  
  
class HomeController extends OsnovniController  
{  
 private $productsModel;  
  
 public function index(){  
 $this->productsModel = new Product();  
 $this->data['products'] = $this->productsModel->getTopProducts(3);  
 return view('pages.main.home', $this->data);  
 }  
}

LoginController.php

<?php  
  
namespace App\Http\Controllers;  
  
use App\Http\Requests\LoginRequest;  
use Carbon\Carbon;  
use Illuminate\Http\Request;  
use Illuminate\Support\Facades\Log;  
  
class LoginController extends OsnovniController  
{  
 public function index(){  
 return view('pages.main.loginRegister', $this->data);  
 }  
  
 public function login(LoginRequest $request){  
 $email = $request->input('email');  
 $password = md5($request->input('password'));  
  
 try {  
 $user = \DB::*table*('users')  
 ->select('id as user\_id', 'name as user\_name', 'role\_id')  
 ->where('email', $email)  
 ->where('password', $password)  
 ->first();  
  
 if($user) {  
 $request->session()->put('user', $user);  
 \DB::*table*('admin')->insert([  
 'user\_id' => session('user')->user\_id,  
 'name' => session('user')->user\_name,  
 'action' => 'Login',  
 'date' => Carbon::*now*()->toDate()  
 ]);  
 return 'Successfully logged in!';  
  
 }  
 else {  
 return response(['error'=>true,'errorMsg'=>"Please check your data and try again."],400);  
 }  
 }  
 catch(\Exception $e){  
 Log::error($e->getMessage());  
 }  
 }  
  
 public function logout(Request $request){  
 \DB::*table*('admin')->insert([  
 'user\_id' => session('user')->user\_id,  
 'name' => session('user')->user\_name,  
 'action' => 'Logout',  
 'date' => Carbon::*now*()->toDate()  
 ]);  
 $request->session()->pull("user");  
 return redirect()->route("home");  
 }  
}

OsnovniController.php

<?php  
  
namespace App\Http\Controllers;  
  
use App\Models\Menu;  
use Illuminate\Http\Request;  
  
class OsnovniController extends Controller  
{  
 public $data;  
 private $menuModel;  
  
 public function \_\_construct(){  
 $this->menuModel = new Menu();  
 $this->data["menu"] = $this->menuModel->getMenu();  
 }  
}

ProductController.php

<?php  
  
namespace App\Http\Controllers;  
  
use App\Http\Requests\StoreRequest;  
use App\Http\Requests\UpdateRequest;  
use App\Models\Brand;  
use App\Models\Color;  
use App\Models\Grade;  
use App\Models\Photo;  
use App\Models\Product;  
use App\Models\Size;  
use App\Models\Type;  
use Carbon\Carbon;  
use Illuminate\Http\Request;  
use Illuminate\Support\Facades\Log;  
use Illuminate\Support\Facades\Storage;  
  
class ProductController extends OsnovniController  
{  
  
 private $productsModel;  
 private $typesModel;  
 private $colorsModel;  
 private $brandsModel;  
 private $gradeModel;  
  
 public function \_\_construct()  
 {  
 parent::*\_\_construct*();  
  
 $this->productsModel = new Product();  
 $this->typesModel = new Type();  
 $this->colorsModel = new Color();  
 $this->brandsModel = new Brand();  
 $this->gradeModel = new Grade();  
  
 }  
  
 public function index(){  
 $this->data['products'] = $this->productsModel->getAllProducts();  
 $this->data['types'] = $this->typesModel->getTypes();  
 $this->data['colors'] = $this->colorsModel->getColors();  
 $this->data['brands'] = $this->brandsModel->getBrands();  
 return view('pages.products.products', $this->data);  
 }  
  
 public function single($id){  
 $this->data['product'] = $this->productsModel->getOneProduct($id);  
 $this->data['sizes'] = $this->productsModel->getProductSizes($id);  
 $this->data['photos'] = $this->productsModel->getProductImages($id);  
 $this->data['grades'] = $this->productsModel->getProductGrades($id);  
 if(session()->has('user')){  
 $this->data['singleGrade'] = $this->gradeModel->getGrade($id);  
 }  
 return view('pages.products.single', $this->data);  
 }  
  
 public function sortFilter(Request $request){  
 $types = $request->types;  
 $colors = $request->colors;  
 $brands = $request->brands;  
 $sortValue = $request->sortValue;  
 $search = $request->search;  
 $productsData = $this->productsModel->filterProducts($types, $colors, $brands, $sortValue, $search);  
 return response()->json($productsData);  
 }  
  
  
 public function create(){  
 $this->data['types'] = $this->typesModel->getTypes();  
 $this->data['colors'] = $this->colorsModel->getColors();  
 return view('admin.create', $this->data);  
 }  
  
 public function store(StoreRequest $request){  
 $name = $request->input('productName');  
 $description = $request->input('productDescription');  
 $color = $request->input('productColor');  
 $type = $request->input('productType');  
 $brand = $request->input('brandName');  
 $price = $request->input('productPrice');  
 $sizes = $request->input('productSize');  
  
 $imageName = $this->productsModel->image('productImage');  
 $imageName1 = $this->productsModel->image('image1');  
 $imageName2 = $this->productsModel->image('image2');  
 $imageName3 = $this->productsModel->image('image3');  
  
 try{  
 $selectBrand = \DB::*table*('brands')  
 ->where('name', $brand)  
 ->first();  
  
 if($selectBrand){  
 $brandId = $selectBrand->id;  
 }  
 else {  
 $brandId = \DB::*table*('brands')->insertGetId([  
 'name' => $brand  
 ]);  
 }  
  
  
 $insertProduct = \DB::*table*("products")->insertGetId([  
 'name' => $name,  
 'description' => $description,  
 'main\_image' => $imageName,  
 'brand\_id' => $brandId,  
 'color\_id' => $color,  
 'type\_id' => $type,  
 'created\_at' => Carbon::*now*()->toDateTime()  
 ]);  
  
 \DB::*table*('prices')->insert([  
 'price' => $price,  
 'date' => Carbon::*now*()->toDateTime(),  
 'product\_id' => $insertProduct  
 ]);  
  
 $this->productsModel->insertImage($imageName1, $insertProduct);  
 $this->productsModel->insertImage($imageName2, $insertProduct);  
 $this->productsModel->insertImage($imageName3, $insertProduct);  
  
 $this->productsModel->sizes($sizes, $insertProduct);  
  
 return redirect()->route('products.create')->with('success', 'Product added successfully!');  
 }  
 catch (\Exception $e){  
 Log::error($e->getMessage());  
 }  
  
 }  
  
 public function edit($id){  
 $this->data['product'] = $this->productsModel->getOneProduct($id);  
 $this->data['sizes'] = $this->productsModel->getProductSizes($id);  
 $this->data['types'] = $this->typesModel->getTypes();  
 $this->data['colors'] = $this->colorsModel->getColors();  
 return view('admin.edit', $this->data);  
 }  
  
 public function update(UpdateRequest $request, $id){  
 $name = $request->input('productName');  
 $description = $request->input('productDescription');  
 $color = $request->input('productColor');  
 $type = $request->input('productType');  
 $brand = $request->input('brandName');  
 $price = $request->input('productPrice');  
 $sizes = $request->input('productSize');  
  
 $imageName = $this->productsModel->image('productImage');  
 $imageName1 = $this->productsModel->image('image1');  
 $imageName2 = $this->productsModel->image('image2');  
 $imageName3 = $this->productsModel->image('image3');  
  
 try {  
 $selectBrand = \DB::*table*('brands')  
 ->where('name', $brand)  
 ->first();  
  
 if($selectBrand){  
 $brandId = $selectBrand->id;  
 }  
 else {  
 $brandId = \DB::*table*('brands')->insertGetId([  
 'name' => $brand  
 ]);  
 }  
  
 \DB::*table*("products")->where('id', $id)  
 ->update([  
 'name' => $name,  
 'description' => $description,  
 'main\_image' => $imageName,  
 'brand\_id' => $brandId,  
 'color\_id' => $color,  
 'type\_id' => $type  
 ]);  
  
 \DB::*table*('prices')->where('product\_id', $id)  
 ->update([  
 'price' => $price,  
 'date' => Carbon::*now*()->toDateTime()  
 ]);  
  
 $photoId1 = \DB::*table*('photos')->select('id')  
 ->where('product\_id', $id)  
 ->first();  
  
 $photoId2 = \DB::*table*('photos')->select('id')  
 ->where('product\_id', $id)  
 ->offset(1)  
 ->limit(1)  
 ->first();  
  
 $photoId3 = \DB::*table*('photos')->select('id')  
 ->where('product\_id', $id)  
 ->offset(2)  
 ->limit(1)  
 ->first();  
  
 $this->productsModel->updateImage($imageName1, $photoId1);  
 $this->productsModel->updateImage($imageName2, $photoId2);  
 $this->productsModel->updateImage($imageName3, $photoId3);  
  
  
 \DB::*table*('product\_size')->where('product\_id', $id)->delete();  
 $this->productsModel->sizes($sizes, $id);  
  
 return redirect()->route('products.edit', $id)->with('success', 'Product updated successfully!');  
 }  
 catch (\Exception $e){  
 Log::error($e->getMessage());  
 }  
  
 }  
  
 public function destroy($id){  
 \DB::*table*('products')->where('id', $id)->delete();  
 return redirect()->route('products');  
  
 }  
}

RateProductController.php

<?php  
  
namespace App\Http\Controllers;  
  
use Illuminate\Http\Request;  
use Illuminate\Support\Facades\Log;  
  
class RateProductController extends Controller  
{  
 public function rate(Request $request){  
 $rating = $request->get('rating');  
 $product\_id = $request->get('product\_id');  
 if(session()->has('user')){  
 $user\_id = session('user')->user\_id;  
 }  
  
 try {  
 $insert = \DB::*table*('grades')->insert([  
 'product\_id' => $product\_id,  
 'user\_id' => $user\_id,  
 'grade' => $rating  
 ]);  
  
 if($insert){  
 return 'Thank you for rating our products!';  
 }  
 }  
 catch(\Exception $e){  
 Log::error($e->getMessage());  
 }  
  
 }  
}

RegistrationController.php

<?php  
  
namespace App\Http\Controllers;  
  
use App\Http\Requests\UserRequest;  
use Carbon\Carbon;  
use Illuminate\Support\Facades\DB;  
use Illuminate\Support\Facades\Log;  
  
class RegistrationController extends Controller  
{  
  
 public function register(UserRequest $request){  
  
 try  
 {  
 $name = $request->get('name');  
 $last\_name = $request->get('last\_name');  
 $address = $request->get('address');  
 $email = $request->get('email');  
 $password = md5($request->get('password'));  
 $active = $request->get('active');  
 $role\_id = $request->get('role\_id');  
  
 $selectEmail = \DB::*table*('users')  
 ->where('email', $email)  
 ->first();  
  
 if($selectEmail){  
 return response(['error'=>true,'errorMsg'=>"Email already exists!"],400);  
 }  
  
 $insert = \DB::*table*('users')->insertGetId([  
 'name' => $name,  
 'last\_name' => $last\_name,  
 'address' => $address,  
 'email' => $email,  
 'password' => $password,  
 'active' => $active,  
 'role\_id' => $role\_id  
 ]);  
  
 if($insert){  
 $user = \DB::*table*('users')->select('id as user\_id', 'name as user\_name')  
 ->where('id', $insert)  
 ->first();  
  
 \DB::*table*('admin')->insert([  
 'user\_id' => $user->user\_id,  
 'name' => $user->user\_name,  
 'action' => 'Registration',  
 'date' => Carbon::*now*()->toDate()  
 ]);  
 return "Successfully registered! You can login now :)";  
 }  
 }  
 catch(\Exception $e)  
 {  
 Log::error($e->getMessage());  
 }  
  
 }  
}

## \App\Http\Middleware

AdminMiddleware.php

<?php  
  
namespace App\Http\Middleware;  
  
use Closure;  
use Illuminate\Http\Request;  
  
class AdminMiddleware  
{  
 */\*\*  
 \* 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 redirect('/');  
 }  
 else{  
 return $next($request);  
 }  
 }  
 else{  
 return redirect('/');  
 }  
 }  
}

UserMiddleware.php

<?php  
  
namespace App\Http\Middleware;  
  
use Closure;  
use Illuminate\Http\Request;  
  
class UserMiddleware  
{  
 */\*\*  
 \* 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);  
 }  
 else{  
 return redirect('/');  
 }  
 }  
}

## \App\Http\Requests

LoginRequest.php

<?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|email|exists:users,email',  
 'password' => 'required|min:8'  
 ];  
 }  
  
 public function messages()  
 {  
 return [  
 'required' => 'The :attribute field is required.',  
 'email.exists' => 'Selected email does not exist in the database.'  
 ];  
 }  
}

StoreRequest.php

<?php  
  
namespace App\Http\Requests;  
  
use Illuminate\Foundation\Http\FormRequest;  
  
class StoreRequest 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 [  
 'productName' => ['required', 'regex:/^([A-Z][a-z]{1,50}\s?)+$/'],  
 'productDescription' => 'required',  
 'productColor' => 'required|not\_in:0',  
 'productType' => 'required|not\_in:0',  
 'brandName' => 'required',  
 'productPrice' => 'required|numeric',  
 'productSize' => 'required',  
 'productImage' => 'required|image',  
 'image1' => 'required|image',  
 'image2' => 'required|image',  
 'image3' => 'required|image',  
 ];  
 }  
  
 public function messages()  
 {  
 return [  
 'required' => 'The :attribute is required.',  
 'productName.regex' => 'Each word must start with a capital letter, only letters allowed',  
 'numeric' => 'The :attribute field must have a numeric value.',  
 'image' => 'File must :attribute be an image.'  
 ];  
 }  
}

UpdateRequest.php

<?php  
  
namespace App\Http\Requests;  
  
use Illuminate\Foundation\Http\FormRequest;  
  
class UpdateRequest 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 [  
 'productName' => ['required', 'regex:/^([A-Z][a-z]{1,50}\s?)+$/'],  
 'productDescription' => 'required',  
 'productColor' => 'required|not\_in:0',  
 'productType' => 'required|not\_in:0',  
 'brandName' => 'required',  
 'productPrice' => 'required|numeric',  
 'productSize' => 'required',  
 'productImage' => 'required|image',  
 'image1' => 'required|image',  
 'image2' => 'required|image',  
 'image3' => 'required|image',  
 ];  
 }  
  
 public function messages()  
 {  
 return [  
 'required' => 'The :attribute is required.',  
 'productName.regex' => 'Each word must start with a capital letter, only letters allowed',  
 'numeric' => 'The :attribute field must have a numeric value.',  
 'image' => 'File must :attribute be an image.'  
 ];  
 }  
}

UserRequest.php

<?php  
  
namespace App\Http\Requests;  
  
use Illuminate\Foundation\Http\FormRequest;  
  
class UserRequest 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]{1,13}$/'],  
 'last\_name' => ['required', 'regex:/^([A-Z][a-z]{1,30}\s?)+$/'],  
 'email' => 'required|email',  
 'address' => 'required',  
 'password' => 'required|min:8',  
 'active' => 'required',  
 'role\_id' => 'required|exists:roles,id'  
 ];  
 }  
  
 public function messages()  
 {  
 return [  
 'required' => 'The :attribute field is required.',  
 'name.max' => 'Name must not be longer than :max characters.',  
 'name.regex' => 'Name must start with a capital letter!',  
 'last\_name.regex' => 'Last name must start with a capital letter!',  
 'last\_name.max' => 'Last name must not be longer than :max characters.',  
 'password.min' => 'Password must have al least 8 characters',  
 'role\_id.exists' => 'Selected role does not exist in the database.'  
 ];  
 }  
}

**\App\Mail**

SendEmail.php

<?php  
  
namespace App\Mail;  
  
use Illuminate\Bus\Queueable;  
use Illuminate\Contracts\Queue\ShouldQueue;  
use Illuminate\Mail\Mailable;  
use Illuminate\Queue\SerializesModels;  
  
class SendEmail extends Mailable  
{  
 use Queueable, SerializesModels;  
 public $data;  
 public $sender;  
 public $subject;  
 public $message;  
 */\*\*  
 \* Create a new message instance.  
 \*  
 \** ***@return*** *void  
 \*/* public function \_\_construct($data)  
 {  
 $this->data = $data;  
 $this->sender = $this->data['email'];  
 $this->subject = $this->data['subject'];  
 $this->subject = $this->data['message'];  
 }  
  
 */\*\*  
 \* Build the message.  
 \*  
 \** ***@return*** *$this  
 \*/* public function build()  
 {  
 return $this->from($this->sender)->subject($this->subject)->view('partials.email')->with('data', $this->message);  
 }  
}

## \App\Models

Admin.php

<?php  
  
namespace App\Models;  
  
use Illuminate\Database\Eloquent\Factories\HasFactory;  
use Illuminate\Database\Eloquent\Model;  
  
class Admin extends Model  
{  
 public function getForAdmin(){  
 return \DB::*table*('admin')->get();  
 }  
}

Brand.php

<?php  
  
namespace App\Models;  
  
use Illuminate\Database\Eloquent\Factories\HasFactory;  
use Illuminate\Database\Eloquent\Model;  
  
class Brand extends Model  
{  
 public function getBrands(){  
 return \DB::*table*('brands')->get();  
 }  
}

Buy.php

<?php  
  
namespace App\Models;  
  
use Illuminate\Database\Eloquent\Factories\HasFactory;  
use Illuminate\Database\Eloquent\Model;  
  
class Buy extends Model  
{  
 public function getBought(){  
 return \DB::*table*('products')->select('products.name', 'products.main\_image', 'prices.price', 'sizes.size', 'brands.name as brand')  
 ->join('prices', 'products.id', '=', 'prices.product\_id')  
 ->join('brands', 'products.brand\_id', '=', 'brands.id')  
 ->join('product\_size', 'products.id', '=', 'product\_size.product\_id')  
 ->join('sizes', 'sizes.id', '=', 'product\_size.size\_id')  
 ->join('carts', 'product\_size.id', '=', 'carts.product\_size\_id')  
 ->join('buys', 'carts.id', '=', 'buys.cart\_id')  
 ->where('carts.user\_id', session('user')->user\_id)  
 ->where('carts.bought', true)  
 ->orderByDesc('buys.date')  
 ->limit(3)  
 ->get();  
 }  
}

Cart.php

<?php  
  
namespace App\Models;  
  
use Illuminate\Database\Eloquent\Factories\HasFactory;  
use Illuminate\Database\Eloquent\Model;  
  
class Cart extends Model  
{  
 public function getCart(){  
  
  
 return \DB::*table*('products')  
 ->select('product\_size.id', 'products.name', 'products.main\_image', 'prices.price', 'brands.name as brand', 'sizes.size', 'carts.quantity', 'carts.id as cart\_id')  
 ->join('prices', 'products.id', '=', 'prices.product\_id')  
 ->join('brands', 'products.brand\_id', '=', 'brands.id')  
 ->join('product\_size', 'products.id', '=', 'product\_size.product\_id')  
 ->join('sizes', 'sizes.id', '=', 'product\_size.size\_id')  
 ->join('carts', 'product\_size.id', '=', 'carts.product\_size\_id')  
 ->leftJoin('buys', 'carts.id', '=', 'buys.cart\_id')  
 ->where('carts.user\_id', session('user')->user\_id)  
 ->where('carts.bought', false)  
 ->get();  
 }  
}

Color.php

<?php  
  
namespace App\Models;  
  
use Illuminate\Database\Eloquent\Factories\HasFactory;  
use Illuminate\Database\Eloquent\Model;  
  
class Color extends Model  
{  
 public function getColors(){  
 return \DB::*table*('colors')->get();  
 }  
}

Grade.php

<?php  
  
namespace App\Models;  
  
use Illuminate\Database\Eloquent\Factories\HasFactory;  
use Illuminate\Database\Eloquent\Model;  
  
class Grade extends Model  
{  
 public function getGrade($id){  
 return \DB::*table*('grades')  
 ->where('product\_id', $id)  
 ->where('user\_id', session('user')->user\_id)  
 ->first();  
 }  
}

Menu.php

<?php  
  
namespace App\Models;  
  
use Illuminate\Database\Eloquent\Factories\HasFactory;  
use Illuminate\Database\Eloquent\Model;  
  
class Menu extends Model  
{  
 public function getMenu(){  
 return \DB::*table*('menus')->orderBy('order')->get();  
 }  
}

Product.php

<?php  
  
namespace App\Models;  
  
use Illuminate\Http\Request;  
use Illuminate\Database\Eloquent\Factories\HasFactory;  
use Illuminate\Database\Eloquent\Model;  
use Illuminate\Support\Facades\DB;  
use Illuminate\Support\Facades\Storage;  
  
class Product extends Model  
{  
  
 /\* ------------ UPITI ZA PRIKAZ --------------- \*/  
  
 public function getTopProducts($number){  
 return \DB::*table*('products')->select('products.id','name', 'main\_image', 'prices.price', DB::raw('round(AVG(grades.grade), 1) as grade'))  
 ->join('prices', 'products.id', '=', 'prices.product\_id')  
 ->leftJoin('grades', 'products.id', '=', 'grades.product\_id')  
 ->orderBy('products.created\_at', 'desc')  
 ->groupBy('products.id','name', 'main\_image', 'prices.price')  
 ->limit($number)  
 ->get();  
 }  
  
 public function getAllProducts(){  
 return \DB::*table*('products')->select('products.id', 'products.name', 'main\_image', 'prices.price', DB::raw('round(AVG(grades.grade), 1) as grade'))  
 ->join('prices', 'products.id', '=', 'prices.product\_id')  
 ->leftJoin('grades', 'products.id', '=', 'grades.product\_id')  
 ->groupBy('products.id', 'name', 'main\_image', 'prices.price')  
 ->paginate(6);  
 }  
  
 public function filterProducts($types, $colors, $brands, $sortValue, $search){  
 $query = \DB::*table*('products');  
  
 $query = $query->join('prices', 'products.id', '=', 'prices.product\_id');  
 $query = $query->join('types', 'products.type\_id', '=', 'types.id');  
 $query = $query->join('brands', 'products.brand\_id', '=', 'brands.id');  
 $query = $query->join('colors', 'products.color\_id', '=', 'colors.id');  
 $query = $query->leftJoin('grades', 'products.id', '=', 'grades.product\_id');  
  
 if(is\_array($types)) {  
 $query = $query->whereIn('products.type\_id', $types);  
 }  
  
 if(is\_array($brands)) {  
 $query = $query->whereIn('products.brand\_id', $brands);  
 }  
  
 if(is\_array($colors)) {  
 $query = $query->whereIn('products.color\_id', $colors);  
 }  
  
 if($search) {  
 $query = $query->where("products.name", "like", "%". $search ."%")  
 ->orWhere("brands.name", "like", "%". $search ."%")  
 ->orWhere("types.type", "like", "%". $search ."%");  
 }  
  
 if($sortValue) {  
 if($sortValue == 'lowToHigh') {  
 $query = $query->orderBy("prices.price");  
 }  
  
 if($sortValue == 'highToLow'){  
 $query = $query->orderByDesc("prices.price");  
 }  
  
 if($sortValue == 'highestRating'){  
 $query = $query->orderByDesc("grades.grade");  
 }  
 }  
  
 $query = $query->select('products.id', 'products.name as name', 'main\_image', 'prices.price', DB::raw('round(AVG(grades.grade), 1) as grade'));  
 $query = $query->groupBy('products.id', 'products.name', 'main\_image', 'prices.price');  
 $query = $query->paginate(6);  
  
 return $query;  
 }  
  
 public function getOneProduct($id){  
 return \DB::*table*('products')->select('products.\*', 'prices.price', 'brands.name as brand', 'types.id as type\_id', 'types.type', 'colors.id as color\_id', 'colors.name as color')  
 ->join('prices', 'products.id', '=', 'prices.product\_id')  
 ->join('brands', 'products.brand\_id', '=', 'brands.id')  
 ->join('types', 'products.type\_id', '=', 'types.id')  
 ->join('colors', 'products.color\_id', '=', 'colors.id')  
 ->where('products.id', $id)  
 ->first();  
 }  
  
 public function getProductSizes($id){  
 return \DB::*table*('product\_size')->select('sizes.\*', 'product\_size.quantity')  
 ->join('sizes', 'product\_size.size\_id', '=', 'sizes.id')  
 ->where('product\_id', $id)  
 ->where('product\_size.quantity', '>', 0)  
 ->get();  
 }  
  
 public function getProductImages($id){  
 return \DB::*table*('photos')->select('image', 'alt')  
 ->join('products', 'products.id', '=', 'photos.product\_id')  
 ->where('product\_id', $id)  
 ->get();  
 }  
  
  
 public function getProductGrades($id){  
 return \DB::*table*('grades')->select(DB::raw('round(AVG(grade), 1) as grade'))  
 ->join('products', 'products.id', '=', 'grades.product\_id')  
 ->where('product\_id', $id)  
 ->get();  
 }  
  
  
 /\* --------------- KRAJ --------------- \*/  
  
  
 public static function image($key){  
 move\_uploaded\_file($\_FILES[$key]['tmp\_name'], public\_path().'/assets/images/'.time() . $\_FILES[$key]['name']);  
 return time() . $\_FILES[$key]['name'];  
 }  
  
 public static function insertImage($image, $id){  
 \DB::*table*('photos')->insert([  
 'image' => $image,  
 'product\_id' => $id  
 ]);  
 }  
  
 public static function updateImage($image, $id){  
 \DB::*table*('photos')->where('id', $id->id)  
 ->update([  
 'image' => $image  
 ]);  
 }  
  
 public function sizes($sizes, $id){  
 $sizeIds = [];  
 for ($i = 0; $i < count(explode(",", $sizes)); $i ++) {  
 $sizeIds[] = \DB::*table*('sizes')->insertGetId([  
 'size' => explode(",", $sizes)[$i]  
 ]);  
 }  
  
 for($i = 0; $i < count($sizeIds); $i++) {  
 \DB::*table*('product\_size')->insert([  
 'product\_id' => $id,  
 'size\_id' => $sizeIds[$i],  
 'quantity' => 10  
 ]);  
 }  
 }  
}

Type.php

<?php  
  
namespace App\Models;  
  
use Illuminate\Database\Eloquent\Factories\HasFactory;  
use Illuminate\Database\Eloquent\Model;  
  
class Type extends Model  
{  
 public function getTypes(){  
 return \DB::*table*('types')->get();  
 }  
}

## \Public\Assets\Js

Main.js

const ***token*** = $('meta[name="csrf-token"]').attr('content');  
  
$.ajaxSetup({  
 headers: {  
 'X-CSRF-TOKEN': ***token*** }  
})  
  
$(***document***).ready(function (){  
 $("#loginBtn").click(login);  
 $("#form-submit").click(contact);  
 $(".page-link").click(loadMoreProducts);  
 $("#filterBtn").click(sortAndFilter);  
 $("#registerBtn").click(register);  
 $("#rating").change(rate);  
 $(".addToCart").click(addToCart);  
 $("#datum").change(filterDate);  
  
 if(***window***.location.href == "http://127.0.1.1/sajtPhp2/public/cart"){  
 showProductsCart();  
 showBoughtCart();  
 }  
  
  
  
})  
  
var ***types*** = [];  
var ***colors*** = [];  
var ***brands*** = [];  
  
  
function loadMoreProducts(e){  
 e.preventDefault();  
 ***types*** = [];  
 $.each($("input[name='types']:checked"), function(){  
 ***types***.push($(this).val());  
 });  
  
 ***colors*** = [];  
 $.each($("input[name='colors']:checked"), function(){  
 ***colors***.push($(this).val());  
 });  
  
 ***brands*** = [];  
 $.each($("input[name='brands']:checked"), function(){  
 ***brands***.push($(this).val());  
 });  
  
 let sortValue = $('#sort').val();  
 let search = $('#search').val();  
 let page = $(this).data("page");  
 getProducts(page, ***types***, ***colors***, ***brands***, sortValue, search);  
}  
  
function sortAndFilter() {  
 ***types*** = [];  
 $.each($("input[name='types']:checked"), function(){  
 ***types***.push($(this).val());  
 });  
  
 ***colors*** = [];  
 $.each($("input[name='colors']:checked"), function(){  
 ***colors***.push($(this).val());  
 });  
  
 ***brands*** = [];  
 $.each($("input[name='brands']:checked"), function(){  
 ***brands***.push($(this).val());  
 });  
  
 let sortValue = $('#sort').val();  
 let search = $('#search').val();  
 getProducts(1, ***types***, ***colors***, ***brands***, sortValue, search);  
}  
  
function getProducts(page, types, colors, brands, sortValue, search){  
 const caller = arguments.callee.caller.name;  
  
 $.ajax({  
 url: ***baseUrl*** + "/products/filter",  
 method: "get",  
 data: {  
 page : page,  
 sortValue : sortValue,  
 search : search,  
 types : types,  
 colors : colors,  
 brands : brands  
 },  
 dataType: "json",  
 success: function (response) {  
 if(response.data.length > 0){  
 showProducts(response.data);  
 if(caller == 'sortAndFilter'){  
 changePagination(response.last\_page, response.current\_page);  
 }  
 if(caller == 'loadMoreProducts'){  
 changeActivePageLink(response.current\_page);  
 }  
 $(".pagination").show();  
 }  
 else {  
 $("#products").html("<div class='row mb-5'><div class='col-lg-12 d-flex justify-content-center'><h2>No products in this category!</h2></div></div>");  
 $(".pagination").hide();  
 }  
  
 },  
 error: function (xhr, status, err) {  
 ***console***.log(xhr.status)  
 }  
 })  
}  
  
function changePagination(totalLinks, currentPage){  
 let html = "";  
 for(let i = 1; i <= totalLinks; i++){  
 if(i != currentPage){  
 html += `<li class="page-item"><a class="page-link" id="link${i}" data-page="${i}" href="#">${i}</a></li>`;  
 }else{  
 html += `<li class="page-item active"><a class="page-link" id = "link${i}" data-page="${i}" href="#">${i}</a></li>`;  
 }  
 }  
 $(".pagination").html(html);  
 $(".page-link").click(loadMoreProducts);  
}  
  
function changeActivePageLink(currentPage){  
 $('.page-item').removeClass('active');  
 $('#link' + currentPage).parent().addClass('active');  
}  
  
function login() {  
 var email, password, reEmail;  
 var validate = true;  
  
 email = ***document***.getElementById('emailLogin').value;  
 password = ***document***.getElementById('passLogin').value;  
 reEmail = /^([a**-**zA**-**Z0**-**9\_\-\.]+)@([a**-**zA**-**Z0**-**9\_\-\.]+)\.([a**-**zA**-**Z]{2,5})$/;  
  
  
 if (email == "") {  
 ***document***.getElementById("emailLoginError").innerHTML = "Email is required!";  
 validate = false;  
 } else if (!reEmail.test(email)) {  
 ***document***.getElementById("emailLoginError").innerHTML = "Email is invalid!";  
 validate = false;  
 } else {  
 ***document***.getElementById("emailLoginError").innerHTML = "";  
 }  
  
 if (password == "") {  
 ***document***.getElementById("passLoginError").innerHTML = "Password is required!";  
 validate = false;  
 } else if (password.length < 8) {  
 ***document***.getElementById("passLoginError").innerHTML = "Password must have at least 8 characters!";  
 validate = false;  
 } else {  
 ***document***.getElementById("passLoginError").innerHTML = "";  
 }  
  
 if (validate) {  
 $.ajax({  
 url: ***baseUrl*** + "/login",  
 method: "POST",  
 data: {  
 email: email,  
 password: password,  
 \_token : ***token*** },  
 success: function (data) {  
 alert(data);  
 ***window***.location.replace("http://127.0.1.1/sajtPhp2/public/")  
 },  
 error: function (xhr, status, err) {  
 if(xhr.status == 400){  
 alert(xhr.responseJSON.errorMsg);  
 }  
 }  
 })  
 }  
}  
  
function contact(){  
 var name, email, subject, message;  
 var validate = true;  
 name = $("#name").val();  
 email = $("#email").val();  
 subject = $("#subject").val();  
 message = $("#message").val();  
  
 if(name == ''){  
 $("#nameContactError").html('Name is required');  
 validate = false;  
 }  
 else {  
 $("#nameContactError").html('');  
 }  
  
 if(email == ''){  
 $("#emailContactError").html('Email is required');  
 validate = false;  
 }  
 else {  
 $("#emailContactError").html('');  
 }  
  
 if(subject == ''){  
 $("#subjectError").html('Subject is required');  
 validate = false;  
 }  
 else {  
 $("#subjectError").html('');  
 }  
  
 if(message == ''){  
 $("#messageContactError").html('Message is required');  
 validate = false;  
 }  
 else {  
 $("#messageContactError").html('');  
 }  
  
 if(validate) {  
 $.ajax({  
 url: ***baseUrl*** + "/sendEmail",  
 method: "POST",  
 data: {  
 name : name,  
 email: email,  
 subject: subject,  
 message : message,  
 \_token : ***token*** },  
 success: function (data) {  
 alert(data);  
 ***window***.location.reload();  
 },  
 error: function (xhr, status, err) {  
 ***console***.log(xhr.status)  
 }  
 })  
 }  
}  
  
function showProducts(products){  
 let html = '';  
 html += `<div class="row">`;  
 for(let product of products){  
 html += `<div class="col-lg-4 col-md-4 all des">  
 <div class="product-item">  
 <a href="products/${product.id}"><img src="assets/images/${product.main\_image}" alt="${product.name }"></a>  
 <div class="down-content">  
 <a href="products/${product.id}"><h4>${ product.name }</h4></a>  
 <h6>$${ product.price }</h6>`  
 if(product.grade) {  
 html += `<ul class="stars">  
 <li>  
 <i class="fa fa-star "></i> ${product.grade}/5  
 </li>  
 </ul>`  
 }  
 else {  
 html += `<ul class="stars">  
 <li><i class="fa fa-star mr-2"></i>Be first to rate!</li>  
 </ul>`  
 }  
 html += `</div>  
 </div>  
 </div>`  
 };  
  
 html += `</div>`;  
 $("#products").html(html);  
}  
  
function register() {  
 var name, last\_name, address, email, password, confirm\_password, active, role\_id, reEmail, reName, reLastName;  
 var validate = true;  
  
 name = ***document***.getElementById('registerName').value;  
 last\_name = ***document***.getElementById('registerLastName').value;  
 address = ***document***.getElementById('address').value;  
 email = ***document***.getElementById('emailRegister').value;  
 password = ***document***.getElementById('passRegister').value;  
 confirm\_password = ***document***.getElementById('confirmPass').value;  
 role\_id = ***document***.getElementById('role\_id').value;  
 active = 1;  
 reEmail = /^([a**-**zA**-**Z0**-**9\_\-\.]+)@([a**-**zA**-**Z0**-**9\_\-\.]+)\.([a**-**zA**-**Z]{2,5})$/;  
 reName = /^[A**-**Z][a**-**z]{1,13}$/;  
 reLastName = /^([A**-**Z][a**-**z]{1,30}\s?)+$/;  
  
  
 if (name == "") {  
 ***document***.getElementById("nameRegError").innerHTML = "Name is required!";  
 validate = false;  
 }  
 else if(!reName.test(name)){  
 ***document***.getElementById("nameRegError").innerHTML = "Name must start with a capital letter!";  
 validate = false;  
 }  
 else {  
 ***document***.getElementById("nameRegError").innerHTML = "";  
 }  
  
 if (last\_name == "") {  
 ***document***.getElementById("lastNameRegError").innerHTML = "Last name is required!";  
 validate = false;  
 }  
 else if(!reLastName.test(last\_name)){  
 ***document***.getElementById("lastNameRegError").innerHTML = "Last name must start with a capital letter!";  
 validate = false;  
 }  
 else {  
 ***document***.getElementById("lastNameRegError").innerHTML = "";  
 }  
  
 if (address == "") {  
 ***document***.getElementById("addressRegError").innerHTML = "Address is required!";  
 validate = false;  
 }  
 else {  
 ***document***.getElementById("addressRegError").innerHTML = "";  
 }  
  
 if (email == "") {  
 ***document***.getElementById("emailLoginError").innerHTML = "Email is required!";  
 validate = false;  
 } else if (!reEmail.test(email)) {  
 ***document***.getElementById("emailLoginError").innerHTML = "Email is invalid!";  
 validate = false;  
 } else {  
 ***document***.getElementById("emailLoginError").innerHTML = "";  
 }  
  
 if (password == "") {  
 ***document***.getElementById("passRegError").innerHTML = "Password is required!";  
 validate = false;  
 } else if (password.length < 8) {  
 ***document***.getElementById("passRegError").innerHTML = "Password must have at least 8 characters!";  
 validate = false;  
 } else {  
 ***document***.getElementById("passRegError").innerHTML = "";  
 }  
  
 if(confirm\_password != password) {  
 ***document***.getElementById("confPassRegError").innerHTML = "Passwords are not the same!";  
 validate = false;  
 }  
 else {  
 ***document***.getElementById("confPassRegError").innerHTML = "";  
 }  
  
 if (validate) {  
 $.ajax({  
 url: ***baseUrl*** + "/register",  
 method: "POST",  
 data: {  
 name : name,  
 last\_name : last\_name,  
 address : address,  
 email: email,  
 password: confirm\_password,  
 active : active,  
 role\_id : role\_id,  
 \_token : ***token*** },  
 success: function (data) {  
 alert(data);  
 ***window***.location.reload();  
 },  
 error: function (xhr, status, err) {  
 if(xhr.status == 400){  
 alert(xhr.responseJSON.errorMsg);  
 }  
 }  
 })  
 }  
}  
  
function rate(){  
 var rating, product\_id;  
 rating = $("#rating").val();  
 product\_id = $("#product\_id").val();  
  
 $.ajax({  
 url: ***baseUrl*** + "/rate",  
 method: "POST",  
 data: {  
 rating : rating,  
 product\_id : product\_id,  
 \_token : ***token*** },  
 success: function (data) {  
 alert(data);  
 ***window***.location.reload();  
 },  
 error: function (xhr, status, err) {  
 ***console***.log(xhr.status);  
 }  
 })  
}  
  
function addToCart(){  
 let id = this.dataset.id;  
 let size = $("input[name='size']:checked").data('idsize');  
 let quantity = $("#var-value").html();  
  
 if(id != null && size != null && quantity != null) {  
 $.ajax({  
 url: "http://127.0.1.1/sajtPhp2/public/cart/addToCart",  
 method: "post",  
 type: "json",  
 data: {  
 id : id,  
 size : size,  
 quantity : quantity  
 },  
 success: function(data){  
 alert(data)  
 },  
 error: function(xhr, err, status){  
 ***console***.log(status);  
 }  
 })  
 }  
 else {  
 alert("Pick a size please");  
 }  
  
}  
  
function showCart(products){  
 let html = "";  
  
 products.forEach(element => {  
 html += `<div class="row mt-5">  
 <div class="col-lg-4">  
 <div class="card">  
 <img class="card-img img-fluid" src="assets/images/${element.main\_image}" alt="${element.name}">  
 </div>  
 </div>  
 <div class="col-lg-8">  
 <div class="card border-0">  
 <div class="card-body">  
 <h3>${element.name}</h3>  
 <ul class="list-inline mt-3">  
 <li class="list-inline-item">  
 <h6 class="mt-3">Brand:</h6>  
 </li>  
 <li class="list-inline-item">  
 <p class="text-muted"><strong> ${element.brand} </strong></p>  
 </li>  
 </ul>  
 <ul class="list-inline mt-3">  
 <li class="list-inline-item">  
 <h6>Size you picked:</h6>  
 </li>  
 <li class="list-inline-item">  
 <p class="text-muted"><strong> ${element.size} </strong></p>  
 </li>  
 </ul>  
 <p class="text-muted mt-3 mb-3">$${element.price} &nbsp; x &nbsp; ${element.quantity} &nbsp; = &nbsp; $${element.price \* element.quantity}.00</p>  
 <button type="submit" class="btn btn-lg float-right mt-5 removeCart" data-idproductsize="${element.id}" name="removeCart">Remove</button>  
 <button type="button" class="btn btn-lg float-right mt-5 mr-2 buy" data-idcart="${element.cart\_id}" data-idproductsize="${element.id}" >Buy</button>  
 </div>  
 </div>  
 </div>  
 </div>`  
 })  
  
 $("#productsCart").html(html);  
 $(".removeCart").click(removeFromCart);  
 $(".buy").click(buyProduct);  
  
  
}  
  
function buyProduct() {  
 var id = this.dataset.idcart;  
 var product\_size\_id = this.dataset.idproductsize;  
  
 $.ajax({  
 url: ***baseUrl*** + "/cart/buy",  
 method: "post",  
 data: {  
 id : id,  
 product\_size\_id : product\_size\_id,  
 \_token : ***token*** },  
 success: function(data){  
 alert("Thank you for buying our products!");  
 if(data.length > 0){  
 showCart(data);  
 showBoughtCart();  
 }  
 else {  
 $("#productsCart").html("<div class='d-flex align-items-center justify-content-center' id='emptyCart'><h1>Your cart is empty</h1></div>");  
 showBoughtCart();  
 }  
 },  
 error: function(xhr, err, status){  
 ***console***.log(status);  
 }  
 })  
  
}  
  
function showBought(products){  
 let html = '';  
 html += `<div class="row mt-5 border-top"><div class="col-lg-12 text-center mt-5"><h3>Recently bought</h3></div></div>  
 <div class="row mt-5 d-flex justify-content-evenly">`  
  
 products.forEach(element => {  
 html += `<div class="col-lg-4">  
 <img class="img-fluid" alt="${element.name}" src="assets/images/${element.main\_image}"/>  
 <h3 class="mt-3">${element.name}</h3>  
 <ul class="list-inline">  
 <li class="list-inline-item">  
 <h6 class="mt-3">Price  
 </li>  
 <li class="list-inline-item">  
 <p class="text-muted"><strong> $${element.price} </strong></p>  
 </li>  
 </ul>  
 <ul class="list-inline">  
 <li class="list-inline-item">  
 <h6 class="mt-3">Brand  
 </li>  
 <li class="list-inline-item">  
 <p class="text-muted"><strong> ${element.brand} </strong></p>  
 </li>  
 </ul>  
 <ul class="list-inline">  
 <li class="list-inline-item">  
 <h6 class="mt-3">Size  
 </li>  
 <li class="list-inline-item">  
 <p class="text-muted"><strong> ${element.size} </strong></p>  
 </li>  
 </ul>  
 </div>`  
 })  
  
 html += `</div>`;  
 $("#bought").html(html);  
}  
  
function showBoughtCart(){  
 $.ajax({  
 url: ***baseUrl*** + "/cart/showBought",  
 method: "GET",  
 type: "json",  
 success: function(data){  
 if(data.length > 0){  
 showBought(data);  
 }  
 else {  
 $("#bought").html("");  
 }  
 },  
 error: function(xhr, err, status){  
 ***console***.log(status);  
 }  
 })  
}  
  
function showProductsCart(){  
 $.ajax({  
 url: ***baseUrl*** + "/showCart",  
 method: "GET",  
 type: "json",  
 success: function(data){  
 if(data.length > 0){  
 showCart(data);  
 }  
 else {  
 $("#productsCart").html("<div class='d-flex align-items-center justify-content-center' id='emptyCart'><h1>Your cart is empty</h1></div>");  
 }  
 },  
 error: function(xhr, err, status){  
 ***console***.log(status);  
 }  
 })  
}  
  
function removeFromCart(){  
 let id = this.dataset.idproductsize;  
  
 $.ajax({  
 url: ***baseUrl*** + "/cart/delete",  
 method: "delete",  
 type: "json",  
 data: {  
 id : id  
 },  
 success: function(data){  
 alert("Successfully removed from cart.");  
 if(data.length > 0){  
 showCart(data);  
 }  
 else {  
 $("#productsCart").html("<div class='d-flex align-items-center justify-content-center' id='emptyCart'><h1>Your cart is empty</h1></div>");  
 }  
 },  
 error: function(xhr, err, status){  
 ***console***.log(status);  
 }  
 })  
  
}  
  
function showAdmin(data){  
 let html = '';  
 data.forEach(el => {  
 html += `<tr>  
 <th scope="row">${el.user\_id }</th>`  
 if(el.product\_id != null) {  
 html += `<th scope="row">${el.product\_id}}</th>`  
 }  
 else {  
 html += `<th scope="row"><i class="fa fa-times" aria-hidden="true"></i></th>`  
 }  
 html += `<td>${el.name }</td>  
 <td>${ el.action }</td>  
 <td>${ el.date }</td>  
 </tr>`  
 });  
  
 $("#tableBody").html(html);  
}  
  
function filterDate(){  
 let datum = $("#datum").val();  
  
 $.ajax({  
 url: ***baseUrl*** + "/date",  
 method: "get",  
 success: function(data){  
 data = data.filter(el => {  
 if(el.date == datum){  
 return true;  
 }  
 })  
  
 showAdmin(data);  
 },  
 error: function(xhr, err, status){  
 if(xhr.status == 400){  
 ***console***.log(xhr.responseJSON);  
 }  
 }  
 })  
}

## \Resources\Views\Admin

Admin.blade.php

@extends('layouts.layout')  
@section('title') Admin @endsection  
@section('description') Website for selling jewelry @endsection  
@section('keywords') jewelry, sell, online, rings, bracelet @endsection  
@section('content')  
 <div id="prazno"></div>  
 <div class="container mt-5">  
 <div class="row">  
 <div class="col-lg-7">  
 <h3>User activity</h3>  
 </div>  
 <div class="col-lg-5" id="dateFilter">  
 <label for="datum" class="form-label mr-3">Filter by date</label>  
 <input type="date" id="datum" name="datum">  
 </div>  
 </div>  
 <div class="row" id="activity">  
 <table class="table table-responsive-md mt-5">  
 <thead>  
 <tr>  
 <th scope="col">User ID</th>  
 <th scope="col">Product ID</th>  
 <th scope="col">Name</th>  
 <th scope="col">Activity</th>  
 <th scope="col">Date</th>  
 </tr>  
 </thead>  
 <tbody id="tableBody">  
 @foreach($admins as $admin)  
 <tr>  
 <th scope="row">{{ $admin->user\_id }}</th>  
 @if($admin->product\_id != null)  
 <th scope="row">{{ $admin->product\_id }}</th>  
 @else  
 <th scope="row"><i class="fa fa-times" aria-hidden="true"></i></th>  
 @endif  
 <td>{{ $admin->name }}</td>  
 <td>{{ $admin->action }}</td>  
 <td>{{ $admin->date }}</td>  
 </tr>  
 @endforeach  
 </tbody>  
 </table>  
 </div>  
 </div>  
@endsection

Create.blade.php

@extends('layouts.layout')  
@section('title') Insert Product @endsection  
@section('description') Website for selling jewelry @endsection  
@section('keywords') jewelry, sell, online, rings, bracelet @endsection  
@section('content')  
 <div id="prazno"></div>  
 @if(session()->has('success'))  
 @include('partials.success')  
 @endif  
 <div class="container mt-5">  
 <div class="col-md-12">  
 <h2 class="mb-4">Insert new product</h2>  
 @include("admin.form", ["action" => 'products.store'])  
 </div>  
 </div>  
@endsection

Edit.blade.php

@extends('layouts.layout')  
@section('title') Edit Product @endsection  
@section('description') Website for selling jewelry @endsection  
@section('keywords') jewelry, sell, online, rings, bracelet @endsection  
@section('content')  
 <div id="prazno"></div>  
 @if(session()->has('success'))  
 @include('partials.success')  
 @endif  
 <div class="container mt-5">  
 <div class="col-md-12">  
 <h2 class="mb-4">Edit a product</h2>  
 @include("admin.form", ["action" => "products.update"])  
 </div>  
 </div>  
@endsection

Form.blade.php

<form action="@if($action == 'products.update') {{ route($action, $product->id) }} @else {{ route($action) }} @endif" method="post" enctype="multipart/form-data" class="mt-3">  
 @csrf  
 @if($action == "products.update")  
 @method('PUT')  
 @endif  
 <div class="mb-3">  
 <label for="productName" class="form-label">Product name</label>  
 <input type="text" class="form-control" id="productName" name="productName" value="{{ $product->name ?? old('name') }}"/>  
 @error('productName')  
 <div class="text-danger">  
 {{$message}}  
 </div>  
 @enderror  
 </div>  
 <div class="mb-3">  
 <label for="productDescription" class="form-label">Product description</label>  
 <textarea name="productDescription" class="form-control" id="productDescription">{{ $product->description ?? old('description') }}</textarea>  
 @error('productDescription')  
 <div class="text-danger">  
 {{$message}}  
 </div>  
 @enderror  
 </div>  
 <div class="mb-3">  
 <label for="productImage" class="form-label mr-3">Product image</label>  
 <input type="file" id="productImage" name="productImage"/>  
 @error('productImage')  
 <div class="text-danger">  
 {{$message}}  
 </div>  
 @enderror  
 </div>  
 <div class="mb-3">  
 <label for="productColor" class="form-label mr-4">Product color</label>  
 <select name="productColor" id="productColor">  
 <option value="0">Choose...</option>  
 @if(isset($product))  
 <option value="{{ $product->color\_id }}" selected>{{ $product->color }}</option>  
 @foreach($colors as $color)  
 @if($product->color\_id != $color->id)  
 <option value="{{ $color->id }}">{{ $color->name }}</option>  
 @endif  
 @endforeach  
 @else  
 @foreach($colors as $color)  
 <option value="{{ $color->id }}">{{ $color->name }}</option>  
 @endforeach  
 @endif  
 </select>  
 @error('productColor')  
 <div class="text-danger">  
 {{$message}}  
 </div>  
 @enderror  
 </div>  
 <div class="mb-3">  
 <label for="productType" class="form-label mr-4">Product type</label>  
 <select name="productType" id="productType">  
 <option value="0">Choose...</option>  
 @if(isset($product))  
 <option value="{{ $product->type\_id }}" selected>{{ $product->type }}</option>  
 @foreach($types as $type)  
 @if($product->type\_id != $type->id)  
 <option value="{{ $type->id }}">{{ $type->type }}</option>  
 @endif  
 @endforeach  
 @else  
 @foreach($types as $type)  
 <option value="{{ $type->id }}">{{ $type->type }}</option>  
 @endforeach  
 @endif  
 </select>  
 @error('productType')  
 <div class="text-danger">  
 {{$message}}  
 </div>  
 @enderror  
 </div>  
 <div class="mb-3">  
 <label for="brandName" class="form-label">Brand name</label>  
 <input type="text" class="form-control" id="brandName" name="brandName" value="{{ $product->brand ?? old('brand') }}"/>  
 @error('brandName')  
 <div class="text-danger">  
 {{$message}}  
 </div>  
 @enderror  
 </div>  
 <div class="mb-3">  
 <label for="productPrice" class="form-label">Product price</label>  
 <input type="text" class="form-control" id="productPrice" name="productPrice" value="{{ $product->price ?? old('price') }}"/>  
 @error('productPrice')  
 <div class="text-danger">  
 {{$message}}  
 </div>  
 @enderror  
 </div>  
 <div class="mb-3">  
 <ul>  
 <li class="mb-2">  
 Additional images  
 </li>  
 <li>  
 <input type="file" id="image1" name="image1" class="mb-2"/>  
 @error('image1')  
 <div class="text-danger">  
 {{$message}}  
 </div>  
 @enderror  
 </li>  
 <li>  
 <input type="file" id="image2" name="image2" class="mb-2"/>  
 @error('image2')  
 <div class="text-danger">  
 {{$message}}  
 </div>  
 @enderror  
 </li>  
 <li>  
 <input type="file" id="image3" name="image3"/>  
 @error('image3')  
 <div class="text-danger">  
 {{$message}}  
 </div>  
 @enderror  
 </li>  
 </ul>  
 </div>  
 <div class="mb-3">  
 <label for="productSize" class="form-label">Product sizes</label>  
 @if(isset($product))  
 <input type="text" class="form-control mb-2" id="productSize" name="productSize" value="@foreach($sizes as $size){{ $size->size }} @if(!$loop->index == count($sizes) -1),@endif @endforeach"/>  
 @else  
 <input type="text" class="form-control" id="productSize" name="productSize" />  
 @endif  
 <div class="form-text text-muted">If there is multiple sizes please separate them by comma ( , ).</div>  
 @error('productSize')  
 <div class="text-danger">  
 {{$message}}  
 </div>  
 @enderror  
 </div>  
 <button type="submit" class="btn btn-lg" id="submitBtn">Submit</button>  
</form>

## \Resources\Views\Fixed

Footer.blade.php

<footer>  
 <div class="container">  
 <div class="row">  
 <div class="col-md-4">  
 <div class="inner-content">  
 <p>Copyright &copy; Aleksandra Markovic 2021</p>  
 </div>  
 </div>  
 <div class="col-md-8">  
 <div class="inner-content">  
 <ul id="ikonice" >  
 <li> <a href="https://www.instagram.com/bekamarkoviic/" target="\_blank"> <i class="fa fa-instagram" aria-hidden="true"></i> </a> </li>  
 <li> <a href="https://www.linkedin.com/in/aleksandra-markovic-3aa730204/" target="\_blank"> <i class="fa fa-linkedin" aria-hidden="true"></i> </a> </li>  
 <li> <a href="#" target="\_blank"> Documentation </a> </li>  
 </ul>  
 </div>  
 </div>  
 </div>  
 </div>  
</footer>

Header.blade.php

<head>  
  
 <meta charset="utf-8">  
 <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">  
 <meta name="description" content=@yield('description')>  
 <meta name="keywords" content=@yield('keywords')>  
 <meta name="author" content="Aleksandra Markovic">  
 <meta name="csrf-token" content="{{ csrf\_token() }}">  
 <link rel="shortcut icon" href="{{ asset('assets/images/jewelry.ico') }}" />  
 <link href="https://fonts.googleapis.com/css?family=Poppins:100,200,300,400,500,600,700,800,900&display=swap" rel="stylesheet">  
{{-- <link rel="stylesheet" href="path/to/font-awesome/css/font-awesome.min.css">--}}  
  
  
 <title>Jewelry Store | @yield('title')</title>  
  
 <link href="{{ asset('vendor/bootstrap/css/bootstrap.min.css') }}" rel="stylesheet">  
  
 <!-- TEMPLATE -->  
 <link rel="stylesheet" href="{{ asset('assets/css/fontawesome.css') }}">  
 <link rel="stylesheet" href="{{ asset('assets/css/templatemo-sixteen.css') }}">  
 <link rel="stylesheet" href="{{ asset('assets/css/owl.css') }}">  
 <!-- TEMPLATE END -->  
 <link rel="stylesheet" href="{{ asset('assets/css/style.css') }}">  
  
</head>

Nav.blade.php

<header class="">  
 <nav class="navbar navbar-expand-lg">  
 <div class="container">  
 <a class="navbar-brand" href="{{ route('home') }}"><h2>Bling <em>On</em></h2></a>  
 <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarResponsive" aria-controls="navbarResponsive" aria-expanded="false" aria-label="Toggle navigation">  
 <span class="navbar-toggler-icon"></span>  
 </button>  
 <div class="collapse navbar-collapse" id="navbarResponsive">  
 <ul class="navbar-nav ml-auto">  
 @foreach($menu as $link)  
 <li class="nav-item @if(request()->routeIs($link->route)) active @endif">  
 <a class="nav-link" href="{{ route($link->route) }}"> {{ $link->name }} </a>  
 </li>  
 @endforeach  
 @if(session()->has('user') && session('user')->role\_id == 1)  
 <li class="nav-item @if(request()->routeIs('admin')) active @endif">  
 <a class="nav-link" href="{{ route('admin') }}"> Admin </a>  
 </li>  
 @endif  
 @if(session()->has('user'))  
 <li class="nav-item @if(request()->routeIs('cart')) active @endif">  
 <a class="nav-link" href="{{ route('cart') }}" id="cart"> <i class="fa fa-shopping-cart" aria-hidden="true"></i> </a>  
 </li>  
 @endif  
 @if(!session()->has('user'))  
 <li class="nav-item @if(request()->routeIs('loginRegister')) active @endif">  
 <a class="nav-link" href="{{ route('loginRegister') }}"> Login | Register </a>  
 </li>  
 @else  
 <li class="nav-item">  
 <a class="nav-link" href="{{ route('logout') }}"> Logout </a>  
 </li>  
 @endif  
 </ul>  
 </div>  
 </div>  
 </nav>  
</header>

Scripts.blade.php

<!-- Bootstrap core JavaScript -->  
<script src="{{ asset('vendor/jquery/jquery.min.js') }}"></script>  
<script src="{{ asset('vendor/bootstrap/js/bootstrap.bundle.min.js') }}"></script>  
  
  
<!-- Additional Scripts Template -->  
<script src="{{ asset('assets/js/custom.js') }}"></script>  
<script src="{{ asset('assets/js/owl.js') }}"></script>  
<script src="{{ asset('assets/js/slick.js') }}"></script>  
<script src="{{ asset('assets/js/isotope.js') }}"></script>  
<script src="{{ asset('assets/js/accordions.js') }}"></script>  
<script src="{{ asset('assets/js/templatemo.js') }}"></script>  
<!--- End Template -->  
<script type="text/javascript">  
 const ***baseUrl*** = "{{ url('/') }}"  
</script>  
<script src="{{ asset('assets/js/main.js') }}"></script>  
  
  
<script language = "text/Javascript">  
 cleared[0] = cleared[1] = cleared[2] = 0; //set a cleared flag for each field  
 function clearField(t){ //declaring the array outside of the  
 if(! cleared[t.id]){ // function makes it static and global  
 cleared[t.id] = 1; // you could use true and false, but that's more typing  
 t.value=''; // with more chance of typos  
 t.style.color='#fff';  
 }  
 }  
</script>

## \Resources\Views\Layouts

Layout.blade.php

<!DOCTYPE html>  
<html lang="en">  
 @include('fixed.header')  
 <body>  
 @include('fixed.nav')  
 @yield('content')  
 @include('fixed.footer')  
 @include('fixed.scripts')  
 </body>  
</html>

## \Resources\Views\Pages\Main

Cart.blade.php

@extends('layouts.layout')  
@section('title') Cart @endsection  
@section('description') Products for sale @endsection  
@section('keywords') jewelry, sell, online, rings, bracelet @endsection  
@section('content')  
 <div id="prazno"></div>  
 <div class="container mt-5">  
 <div class="row">  
 <div class="col-lg-12">  
 <h2 class="mb-5">YOUR CART</h2>  
 </div>  
 </div>  
 </div>  
 <div class="container" id="productsCart">  
 </div>  
 <div class="container mt-5" id="bought">  
  
 </div>  
@endsection

Contact.blade.php

@extends('layouts.layout')  
@section('title') Contact @endsection  
@section('description') Contact page @endsection  
@section('keywords') jewelry, sell, online, contact @endsection  
@section('content')  
  
 <!-- \*\*\*\*\* Preloader Start \*\*\*\*\* -->  
 <div id="preloader">  
 <div class="jumper">  
 <div></div>  
 <div></div>  
 <div></div>  
 </div>  
 </div>  
 <!-- \*\*\*\*\* Preloader End \*\*\*\*\* -->  
  
 <!-- Page Content -->  
 <div class="page-heading contact-heading header-text">  
 <div class="container">  
 <div class="row">  
 <div class="col-md-12">  
 <div class="text-content">  
 <h4>contact us</h4>  
 <h2>let’s get in touch</h2>  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
  
 @if(session()->has('success'))  
 @include('partials.success')  
 @endif  
 <div class="send-message">  
 <div class="container">  
 <div class="row">  
 <div class="col-md-12">  
 <div class="section-heading">  
 <h2>Send us a Message</h2>  
 </div>  
 </div>  
 <div class="col-md-12">  
 <div class="contact-form">  
 <form id="contact" action="{{ route('sendEmail') }}" method="post">  
 <div class="row">  
 <div class="col-lg-12 col-md-12 col-sm-12">  
 <p class="text-danger" id="nameContactError"></p>  
 <fieldset>  
 <input name="name" type="text" class="form-control" id="name" placeholder="Full Name" required="">  
 </fieldset>  
 </div>  
 <div class="col-lg-12 col-md-12 col-sm-12">  
 <p class="text-danger" id="emailContactError"></p>  
 <fieldset>  
 <input name="email" type="text" class="form-control" id="email" placeholder="E-Mail Address" required="">  
 </fieldset>  
 </div>  
 <div class="col-lg-12 col-md-12 col-sm-12">  
 <p class="text-danger" id="subjectError"></p>  
 <fieldset>  
 <input name="subject" type="text" class="form-control" id="subject" placeholder="Subject" required="">  
 </fieldset>  
 </div>  
 <div class="col-lg-12">  
 <p class="text-danger" id="messageContactError"></p>  
 <fieldset>  
 <textarea name="message" rows="6" class="form-control" id="message" placeholder="Your Message" required=""></textarea>  
 </fieldset>  
 </div>  
 <div class="col-lg-12">  
 <fieldset>  
 <button type="button" id="form-submit" class="filled-button">Send Message</button>  
 </fieldset>  
 </div>  
 </div>  
 </form>  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
  
 <div class="container-fluid mt-5" id="autor">  
 <div class="row mb-5 mt-5">  
 <div class="col-lg-9 mx-auto mt-5">  
 <h2>Author</h2>  
 </div>  
 </div>  
 <div class="row d-flex justify-content-start">  
 <div class="col-12 col-lg-4 text-right" id="imageAuthor">  
 <img src="assets/images/autor.jpg" alt="Author" class="img-fluid" width="300px">  
 </div>  
 <div class="col-12 col-lg-4">  
 <p class="mb-3">My name is Aleksandra Markovic. I am from Gornji Milanovac and I am 21 years old. I study internet technologies at ICT college and I am interested in programming and design.</p>  
 <p class="mb-3">As I study more it looks like I am more interested in Back End Web development, but who knows, maybe I'll change my mind. </p>  
 <p>I was born on 23.05.1999. In my free time I like to watch TV shows, movies, hang out with my friends and lots of different stuff. </p>  
 </div>  
 </div>  
 </div>  
  
@endsection

Home.blade.php

@extends('layouts.layout')  
@section('title') Home @endsection  
@section('description') Website for selling jewelry @endsection  
@section('keywords') jewelry, sell, online, rings, bracelet @endsection  
@section('content')  
 <!-- \*\*\*\*\* Preloader Start \*\*\*\*\* -->  
 <div id="preloader">  
 <div class="jumper">  
 <div></div>  
 <div></div>  
 <div></div>  
 </div>  
 </div>  
 <!-- \*\*\*\*\* Preloader End \*\*\*\*\* -->  
  
 <!-- Page Content -->  
 <!-- Banner Starts Here -->  
 <div class="banner header-text">  
 <div class="owl-banner owl-carousel">  
 <div class="banner-item-01">  
 <div class="text-content">  
 <h4>For you</h4>  
 <h2>Stylish Rings</h2>  
 </div>  
 </div>  
 <div class="banner-item-02">  
 <div class="text-content">  
 <h4>We offer</h4>  
 <h2>High quality bracelets</h2>  
 </div>  
 </div>  
 <div class="banner-item-03">  
 <div class="text-content">  
 <h4>Easy buy</h4>  
 <h2>Affordable necklaces</h2>  
 </div>  
 </div>  
 </div>  
 </div>  
 <!-- Banner Ends Here -->  
  
 <div class="latest-products">  
 <div class="container">  
 <div class="row">  
 <div class="col-md-12">  
 <div class="section-heading">  
 <h2>Latest Products</h2>  
 <a href="{{ route('products') }}">view all products <i class="fa fa-angle-right"></i></a>  
 </div>  
 </div>  
 @foreach($products as $product)  
 <div class="col-md-4">  
 @include('partials.product')  
 </div>  
 @endforeach  
 </div>  
 </div>  
 </div>  
  
 <div class="best-features">  
 <div class="container">  
 <div class="row">  
 <div class="col-md-12">  
 <div class="section-heading">  
 <h2>About Bling On</h2>  
 </div>  
 </div>  
 <div class="col-md-6">  
 <div class="left-content">  
 <p>Since inception, Bling On has been committed to quality, not only of our products, but of the conditions in which they are produced. We aim to trace each of our pieces from mine to market because traceability allows us to manage and improve the social and environmental impacts of our supply chain</p>  
 <p>We strike a balance between recycled and fairly mined materials that support communities dependent on the industry. Traceability is important because it allows us to validate the authenticity of the material and improve the social and environmental impacts of our pieces.</p>  
 <p>Our jewelry is handcrafted with the same top materials and quality craftsmanship as other luxury jewelry brands but without the traditional markups.</p>  
 </div>  
 </div>  
 <div class="col-md-6">  
 <div class="right-image">  
 <img src="{{ asset('assets/images/about-us.jpg') }}" alt="">  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
@endsection

LoginRegister.blade.php

@extends('layouts.layout')  
@section('title') Login or Register @endsection  
@section('description') Products for sale @endsection  
@section('keywords') jewelry, sell, online, rings, bracelet @endsection  
@section('content')  
  
 <div class="row" id="prazno"></div>  
 <div class="container mt-5">  
 <div class="row d-flex justify-content-between" id="forms">  
 <div class="col-md-5" id="register">  
 <h2>Register</h2>  
 <form action="{{ route('register') }}" method="post" class="mt-3">  
 <div class="mb-3">  
 <label for="registerName" class="form-label">First name</label>  
 <input type="text" class="form-control" id="registerName" name="registerName"/>  
 <p class="text-danger" id="nameRegError"></p>  
 </div>  
 <div class="mb-3">  
 <label for="registerLastName" class="form-label">Last name</label>  
 <input type="text" class="form-control" id="registerLastName" name="registerLastName"/>  
 <p class="text-danger" id="lastNameRegError"></p>  
 </div>  
 <div class="mb-3">  
 <label for="address" class="form-label">Address</label>  
 <input type="text" class="form-control" id="address" name="address"/>  
 <p class="text-danger" id="addressRegError"></p>  
 </div>  
 <div class="mb-3">  
 <label for="emailRegister" class="form-label">Email</label>  
 <input type="email" class="form-control" id="emailRegister" name="emailRegister"/>  
 <p class="text-danger" id="emailRegError"></p>  
 </div>  
 <div class="mb-3">  
 <label for="passRegister" class="form-label">Password</label>  
 <input type="password" class="form-control" id="passRegister" name="passRegister"/>  
 <p class="text-danger" id="passRegError"></p>  
 </div>  
 <div class="mb-3">  
 <label for="confirmPass" class="form-label">Confirm password</label>  
 <input type="password" class="form-control" id="confirmPass" name="confirmPass"/>  
 <p class="text-danger" id="confPassRegError"></p>  
 </div>  
 <input type="hidden" id="role\_id" name="role\_id" value="2" />  
 <button type="button" class="btn btn-lg" id="registerBtn">Register</button>  
 </form>  
 </div>  
 <div class="col-md-5">  
 <h2>Login</h2>  
 <form action=" {{ route('login') }}" method="POST" class="mt-3">  
 <div class="mb-3">  
 <label for="emailLogin" class="form-label">Email</label>  
 <input type="email" class="form-control" id="emailLogin" name="emailLogin" />  
 <p class="text-danger" id="emailLoginError"></p>  
 </div>  
 <div class="mb-3">  
 <label for="passLogin" class="form-label">Password</label>  
 <input type="password" class="form-control" id="passLogin" name="passLogin" />  
 <p class="text-danger" id="passLoginError"></p>  
 </div>  
 <button type="button" class="btn btn-lg" id="loginBtn">Login</button>  
 </form>  
 </div>  
 </div>  
 </div>  
@endsection

## \Resources\Views\Pages\Products

Products.blade.php

@extends('layouts.layout')  
@section('title') Products @endsection  
@section('description') Products for sale @endsection  
@section('keywords') jewelry, sell, online, rings, bracelet @endsection  
@section('content')  
  
 <!-- \*\*\*\*\* Preloader Start \*\*\*\*\* -->  
 <div id="preloader">  
 <div class="jumper">  
 <div></div>  
 <div></div>  
 <div></div>  
 </div>  
 </div>  
 <!-- \*\*\*\*\* Preloader End \*\*\*\*\* -->  
  
 <!-- Page Content -->  
 <div class="page-heading products-heading header-text">  
 <div class="container">  
 <div class="row">  
 <div class="col-md-12">  
 <div class="text-content">  
 <h4>bling on</h4>  
 <h2>products</h2>  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
  
  
 <div class="products">  
 <div class="container">  
 <form method="get" action="{{ route('products') }}">  
 <div class="row">  
 <div class="col-md-12">  
 <div class="row">  
 <div class="col-md-2">  
 <h5><a href="#" id="pokaziFilter">Filter <i class="fa fa-plus-square-o" aria-hidden="true"></i></a> </h5>  
 </div>  
 <div class="col-md-1">  
 <h5 class="mb-2" id="sortLabel">Sort</h5>  
 </div>  
 <div class="col-md-3">  
 <select id="sort" name="sort">  
 <option value="0">Choose...</option>  
 <option value="lowToHigh">Price lowest to highest</option>  
 <option value="highToLow">Price highest to lowest</option>  
 <option value="highestRating">Best rated</option>  
 </select>  
 </div>  
 <div class="col-md-1 ml-2">  
 <h5 class="mb-2 mr-3" id="searchLabel">Search</h5>  
 </div>  
 <div class="col-md-3">  
 <input type="text" id="search" name="search" />  
 </div>  
 </div>  
 <div class="row mt-4" id="filter">  
 <div class="col-md-2">  
 <h5 class="mb-2">Brand</h5>  
 <ul>  
 @foreach($brands as $brand)  
 <li><input type="checkbox" value="{{ $brand->id }}" name="brands" /> {{ $brand->name }}</li>  
 @endforeach  
 </ul>  
 </div>  
 <div class="col-md-2">  
 <h5 class="mb-2">Type</h5>  
 <ul>  
 @foreach($types as $type)  
 <li><input type="checkbox" value="{{ $type->id }}" name="types" /> {{ $type->type }}s</li>  
 @endforeach  
 </ul>  
 </div>  
 <div class="col-md-2">  
 <h5 class="mb-2">Color</h5>  
 <ul>  
 @foreach($colors as $color)  
 <li><input type="checkbox" value="{{ $color->id }}" name="colors" /> {{ $color->name }}</li>  
 @endforeach  
 </ul>  
 </div>  
 </div>  
 <div class="row">  
 <div class="col-md-1 mt-3">  
 <button type="button" class="btn" id="filterBtn">Apply</button>  
 </div>  
 @if(session()->has('user') && session('user')->role\_id == 1)  
 <div class="col-md-1 mt-3">  
 <a type="button" class="btn" id="addProduct" href="{{ route('products.create') }}">Insert new product</a>  
 </div>  
 @endif  
 </div>  
 </div>  
 </div>  
 </form>  
 <div class="row d-flex justify-content-between mt-5">  
 <div class="col-md-12">  
 <div class="filters-content" id="products">  
 <div class="row grid" >  
 @foreach($products as $product)  
 <div class="col-lg-4 col-md-4 all des">  
 @include('partials.product')  
 </div>  
 @endforeach  
 </div>  
 </div>  
 </div>  
 </div>  
 {{$products->links('pagination.bootstrap-4')}}  
 </div>  
 </div>  
  
@endsection

Single.blade.php

@extends('layouts.layout')  
@section('title') Product @endsection  
@section('description') Website for selling jewelry @endsection  
@section('keywords') jewelry, sell, online, rings, bracelet @endsection  
@section('content')  
  
 <div class="row" id="prazno"></div>  
 <!-- Open Content -->  
 <section>  
 <div class="container pb-5">  
 <div class="row">  
 <div class="col-lg-5 mt-5">  
 <div class="card mb-3">  
 <img class="card-img img-fluid" src="{{ asset('assets/images/' . $product->main\_image) }}" alt="Card image cap" id="product-detail">  
 </div>  
 <div class="row">  
 <div id="multi-item-example" class="col-10 carousel slide carousel-multi-item" data-bs-ride="carousel">  
 <div class="carousel-inner product-links-wap" role="listbox">  
 <div class="carousel-item active">  
 <div class="row">  
 @foreach($photos as $photo)  
 <div class="col-4">  
 <a href="#">  
 <img class="card-img img-fluid" src="{{ asset('assets/images/' . $photo->image) }}" alt="{{ $photo->alt }}">  
 </a>  
 </div>  
 @endforeach  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
 <!-- col end -->  
 <div class="col-lg-7 mt-5">  
 <div class="card border-0" >  
 <div class="card-body">  
 <h1 class="h2">{{ $product->name }}</h1>  
 <p class="h3 py-2">${{ $product->price }}</p>  
 @foreach($grades as $grade)  
 @if($grade->grade > 0)  
 <p class="py-2">  
 <i class="fa fa-star text-warning"></i>  
 <span class="list-inline-item text-dark"> {{ $grade->grade }}/5</span>  
 </p>  
 @endif  
 @endforeach  
 <ul class="list-inline">  
 <li class="list-inline-item">  
 <h6 class="mt-3">Brand:</h6>  
 </li>  
 <li class="list-inline-item">  
 <p class="text-muted"><strong>{{ $product->brand }}</strong></p>  
 </li>  
 </ul>  
  
 <h6 class="mt-3 mb-2">Description:</h6>  
 <p>{{ $product->description }}</p>  
 @if(session()->has('user'))  
 @if(!is\_null($singleGrade))  
 <h6 class="mt-3">Your rating: {{$singleGrade->grade}} <i class="fa fa-star text-warning mr-1"></i> </h6>  
 @else  
 <ul class="list-inline">  
 <li class="list-inline-item">  
 <h6 class="mt-3">Rate:</h6>  
 </li>  
 <li class="list-inline-item">  
 <select id="rating" name="rating" @if(!session()->has('user')) disabled="disabled" @endif>  
 <option value="1">1</option>  
 <option value="2">2</option>  
 <option value="3">3</option>  
 <option value="4">4</option>  
 <option value="5">5</option>  
 </select>  
 </li>  
 </ul>  
 @endif  
 @endif  
 <form action="" method="GET">  
 @if(!session()->has('user'))  
 <div class="row">  
 <div class="col-auto">  
 <p class="text-danger mt-3"> You must login to order the product! </p>  
 </div>  
 </div>  
 @endif  
 <div class="row">  
 <div class="col-auto">  
 <ul class="list-inline pb-3 mt-4">  
 @if(count($sizes) != null)  
 <li class="list-inline-item">Size : </li>  
 @foreach($sizes as $size)  
 @if($size->quantity > 0)  
 <li class="list-inline-item"><input type="radio" data-idsize="{{$size->id}}" value="{{ $size->size }}" class="size" name="size" @if(!session()->has('user')) disabled="disabled" @endif /> {{ $size->size }} </li>  
 @endif  
 @endforeach  
 @else  
 <li class="list-inline-item text-danger">Out of stock! </li>  
 @endif  
 </ul>  
 </div>  
 @if(count($sizes) != null)  
 <div class="col-auto">  
 <ul class="list-inline pb-3 mt-3">  
 <li class="list-inline-item text-right">  
 Quantity  
 <input type="hidden" name="product-quanity" id="product-quanity" value="1">  
 </li>  
 <li class="list-inline-item"><span class="btn" id="btn-minus">-</span></li>  
 <li class="list-inline-item"><span class="badge" id="var-value">1</span></li>  
 <li class="list-inline-item"><span class="btn" id="btn-plus">+</span></li>  
 </ul>  
 <input type="hidden" value="{{ $product->id }}" name="product\_id" id="product\_id">  
 </div>  
 @endif  
 </div>  
 @if(count($sizes) != null)  
 <div class="row pb-3">  
 <div class="col d-grid">  
 <button type="button" class="btn btn-lg float-right addToCart" name="submit" data-id="{{ $product->id }}" @if(!session()->has('user')) disabled="disabled" @endif>Add To Cart</button>  
 </div>  
 </div>  
 @endif  
 </form>  
 </div>  
 </div>  
 </div>  
 </div>  
 @if(session()->has('user') && session('user')->role\_id == 1)  
 <div class="row mt-5">  
 <div class="col-lg-12">  
 <a class="btn btn-lg float-right updateBtn ml-3" name="updateBtn" href="{{ route("products.edit", $product->id) }}">Update</a>  
 <form action="{{ route('products.destroy', $product->id) }}" method="post">  
 @csrf  
 @method('DELETE')  
 <button type="submit" class="btn btn-lg float-right deleteBtn" name="deleteBtn" >Delete</button>  
 </form>  
 </div>  
 </div>  
 @endif  
 </div>  
 </section>  
  
@endsection

## \Resources\Views\Pagination

Bootstrap-4.blade.php

@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

## \Resources\Views\Partials

Email.blade.php

<p>Hi, this is {{$data['name']}}</p>  
<p>I have some questions: {{$data['message']}}</p>

Product.blade.php

<div class="product-item">  
 <a href="{{ route('product', ['id' => $product->id]) }}"><img src="{{ asset('assets/images/' . $product->main\_image) }}" alt="{{ $product->name }}"></a>  
 <div class="down-content">  
 <a href="{{ route('product', ['id' => $product->id]) }}"><h4>{{ $product->name }}</h4></a>  
 <h6>${{ $product->price }}</h6>  
 @if($product->grade)  
 <ul class="stars">  
 <li>  
 <i class="fa fa-star "></i> {{ $product->grade }}/5  
 </li>  
 </ul>  
 @else  
 <ul class="stars">  
 <li><i class="fa fa-star mr-2"></i>Be first to rate!</li>  
 </ul>  
 @endif  
 </div>  
</div>

Success.blade.php

@if(session()->has('success'))  
 <div class="container mt-4">  
 <div class="alert alert-success" role="alert">  
 {{ session('success')}}  
 </div>  
 </div>  
@endif

## \Routes

Web.php

<?php  
  
use \App\Http\Controllers\HomeController;  
use \App\Http\Controllers\ProductController;  
use \App\Http\Controllers\ContactController;  
use \App\Http\Controllers\LoginController;  
use \App\Http\Controllers\RegistrationController;  
use \App\Http\Controllers\RateProductController;  
use \App\Http\Controllers\CartController;  
use \App\Http\Controllers\AdminController;  
use Illuminate\Support\Facades\Route;  
  
/\*  
|--------------------------------------------------------------------------  
| Web Routes  
|--------------------------------------------------------------------------  
|  
| Here is where you can register web routes for your application. These  
| routes are loaded by the RouteServiceProvider within a group which  
| contains the "web" middleware group. Now create something great!  
|  
\*/  
  
Route::get('/', [HomeController::class, 'index'])->name('home');  
  
Route::get('/products', [ProductController::class, 'index'])->name('products');  
Route::get('/products/create', [ProductController::class, 'create'])->name('products.create')->middleware('isAdmin');  
Route::post('/products', [ProductController::class, 'store'])->name('products.store')->middleware('isAdmin');  
Route::get('/products/filter', [ProductController::class, 'sortFilter'])->name('sortFilter');  
Route::get('/products/{id}', [ProductController::class, 'single'])->name('product');  
Route::get('/products/{id}/edit', [ProductController::class, 'edit'])->name('products.edit')->middleware('isAdmin');  
Route::put('/products/{id}', [ProductController::class, 'update'])->name('products.update')->middleware('isAdmin');  
Route::delete('/products/{id}', [ProductController::class, 'destroy'])->name('products.destroy')->middleware('isAdmin');  
  
Route::get('/contact', [ContactController::class, 'index'])->name('contact');  
Route::POST('/sendEmail', [ContactController::class, 'sendEmail'])->name('sendEmail');  
  
Route::get('/loginRegister', [LoginController::class, 'index'])->name('loginRegister');  
Route::POST("/login", [LoginController::class, "login"])->name("login");  
Route::get("/logout", [LoginController::class, "logout"])->name("logout");  
  
Route::POST("/register", [RegistrationController::class, "register"])->name("register");  
  
Route::POST('/rate', [RateProductController::class, 'rate'])->name('rate')->middleware('isUser');  
  
Route::get('/cart', [CartController::class, 'index'])->name('cart')->middleware('isUser');  
Route::POST('/cart/addToCart', [CartController::class, 'addToCart'])->name('addToCart')->middleware('isUser');  
Route::get('/showCart', [CartController::class, 'showCart'])->name('showCart')->middleware('isUser');  
Route::get('/cart/showBought', [CartController::class, 'bought'])->name('bought')->middleware('isUser');  
Route::post('/cart/buy', [CartController::class, 'buy'])->name('buy')->middleware('isUser');  
Route::delete('/cart/delete', [CartController::class, 'delete'])->name('delete')->middleware('isUser');  
  
Route::get('/admin', [AdminController::class, 'index'])->name('admin')->middleware('isAdmin');  
Route::get('/date', [AdminController::class, 'admin'])->name('date')->middleware('isAdmin');