Visoka ICT škola

Beograd, Zdravka Čelara

Dokumentacija interaktivnog web sajta – Laravel framework (Web programiranje PHP 2)

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Sadržaj

1.Uvod 5
1.1 Korišćeni programski jezici 5
1.2 Opis funkcionalnosti 5
1.3 Template 8
1.4. Slika baze 8
2. Organizacija 9
2.1 Mapa sajta 9
2.2 Slike stranica i opisi funkcionalnosti 11
2.3.1 home.blade.php 11
2.3.2 product.blade.php 13
2.3.3 onama.blade.php 14
2.3.4 location.blade.php 15
2.3.5 kontakt.blade.php 16
2.3.6 galerija.blade.php 17
2.3.7 admin.blade.php 18
2.3.8 admin/users/index.blade.php 19
2.3.9 admin/users/create.blade.php 20
2.3.10 admin/users/edit.blade.php 20
2.3.11 admin/users/activity.blade.php 21
2.3.12 admin/products/index.blade.php 22
2.3.13 admin/products/create.blade.php 23
2.3.14 admin/products/edit.blade.php 24
2.3.15 user/edit.blade.php 25
2.3.16 pages/autor.blade.php 26
3. Kodovi 27
3.0 routes/web.php 27
3.1 App/Http/Controllers 28
3.1.1 App/Http/Controllers/OsnovniController.php 28
3.1.2 App/Http/Controllers/HomeController.php 30
3.1.3 App/Http/Controllers/OnamaController.php 31

3.1.4 App/Http/Controllers/ProductController.php 31
3.1.5 App/Http/Controllers/LokacijeController.php 32
3.1.6 App/Http/Controllers/KontaktController.php 32
3.1.1 App/Http/Controllers/GalerijaController.php 33
3.1.7 App/Http/Controllers/AdminController.php 33
3.2 App/Http/Controllers/AdminPanel 33
3.2.1 App/Http/Controllers/ProductController.php 33
3.2.2 App/Http/Controllers/UserController.php 36
3.2.3 App/Http/Controllers/LocationController.php 39
3.2.4 App/Http/Controllers/GalleryController.php 40
3.3 App/Http/Controllers/UserControllers 40
3.3.1 App/Http/Controllers/UserController.php 40
3.4 App/Http/Requests 41
3.4.1 App/Http/Requests/StoreProductController.php 41
3.4.2 App/Http/Requests/StoreUserController.php 42
3.5 App/Http/Middleware 43
3.5.1 App/Http/Middleware/IpLoggingMiddleware.php 43
3.6 App/Models 43
3.6.1 App/Models/About_us.php 43
3.6.2 App/Models/Autor.php 44
3.6.3 App/Models/Category.php 44
3.6.4 App/Models/Gallery.php 45
3.6.5 App/Models/Location.php 45
3.6.6 App/Models/Nav_link.php 45
3.6.7 App/Models/Navbar.php 46
3.6.8 App/Models/Product.php 46
3.6.9 App/Models/Useractivity.php 48
3.6.10 App/Models/Users.php 48
3.6.11 App/Models/ 50
3.7 public 50
3.7.1 public/assets/css/style.css 50
3.7.2 public/assets/js/main.js 53
3.8 resources/views/layouts 62

3.8.1 resources/views/layouts/layout.blade.php 62
3.8.2 resources/views/layouts/admin.blade.php 62
3.9 resources/views/fixed 63
3.9.1 resources/views/fixed/404.blade.php 63
3.9.2 resources/views/fixed/adminPageLinks.blade.php 63
3.9.3 resources/views/fixed/footer.blade.php 64
3.9.4 resources/views/fixed/head.blade.php 67
3.9.5 resources/views/fixed/message.blade.php 67
3.9.6 resources/views/fixed/nav.blade.php 68
3.9.7 resources/views/fixed/scripts.blade.php 69
3.10 resources/views/partials 69
3.10.1 resources/views/fixed/product.blade.php 69
3.11 resources/views/pages 69
3.11.1 resources/views/pages/autor.blade.php 69
3.11.2 resources/views/pages/ 70

1.Uvod

1.1 Korišćeni programski jezici

Za izradu sajta Kaficomika korišćene su sledeće tehnologije: HTML, CSS, bootstrap, java script, jQuery v3-2-1, AJAX, PHP Laravel framework, rad nad bazom u PHPmyAdmin i skladištenje podataka u sesije.

1.2 Opis funkcionalnosti

Ono što važi za ceo *Kaficomika* sajt je:

- Sajt je responsive
- Dinamičko ispisivanje celokupnog sadržaja iz baze
- Organizovan je u 2 layouta, jednim koji ima funkciju da prikaže sadržaj namenjen svima, neautorizovanim korisnicima (layout.blade.php) i jednim namenjenim autorizovanim korisnicima (admin.blade.php)
- Dinamičko ispisivanje grešaka iz javascripta ili controllera

home.blade.php, onama.blade.php, lokacije.blade.php, galerija.blade.php, autor.blade.php:

- Dinamičko ispisivanje celokupnog sadržaja iz baze i dinamičko ispisivanje obaveštenja u slučaju logovanja ili registracije
- Dinamičko ispisivanje grešaka

product.blade.php:

- Funkcioalnost usklađenog filtriranja po kategoriji, sortiranja po ceni i paginacije putem ajax-a
- Klikom na ime ili sliku proizvoda otvara se detaljan prikaz informacija o konkretnom proizvodu

logovanje i registracija:

- Dinamicko ispisivanje obaveštenja o uspešnosti logovanja/registracije na početnoj strani

admin.blade.php:

- Dinamicko ispisivanje svih stavki vezanih za admin panel

users.blade.php:

- Funkcioalnost usklađenog sortiranja po id-ju korisnika, nazivu i momentu registracije, paginacija, pretraga po imenu korisnika – sve putem ajax-a
- Funkcionalnost validacije unetih podataka, ispis grešaka
- Funkcionalnost dodavanja novog korisnika, izmene, brisanja i prikaza aktivnosti konkretnog korisnika

products.blade.php:

- Funkcioalnost usklađenog sortiranja po id-ju proizvoda, nazivu i ceni, paginacija, pretraga po nazivu proizvoda – sve putem ajax-a
- Funkcionalnost dodavanja novog proizvoda, izmene, brisanja putem ajaxa konkretnog proizvoda
- Funkcionalnost validacije unetih podataka, ispis grešaka

activity.blade.php:

- Funkcioalnost usklađenog filtriranja po datumu aktivnosti i paginacije – sve putem ajax-a
- Funkcionalnost brisanja putem ajaxa konkretne aktivnosti odabranog korisnika

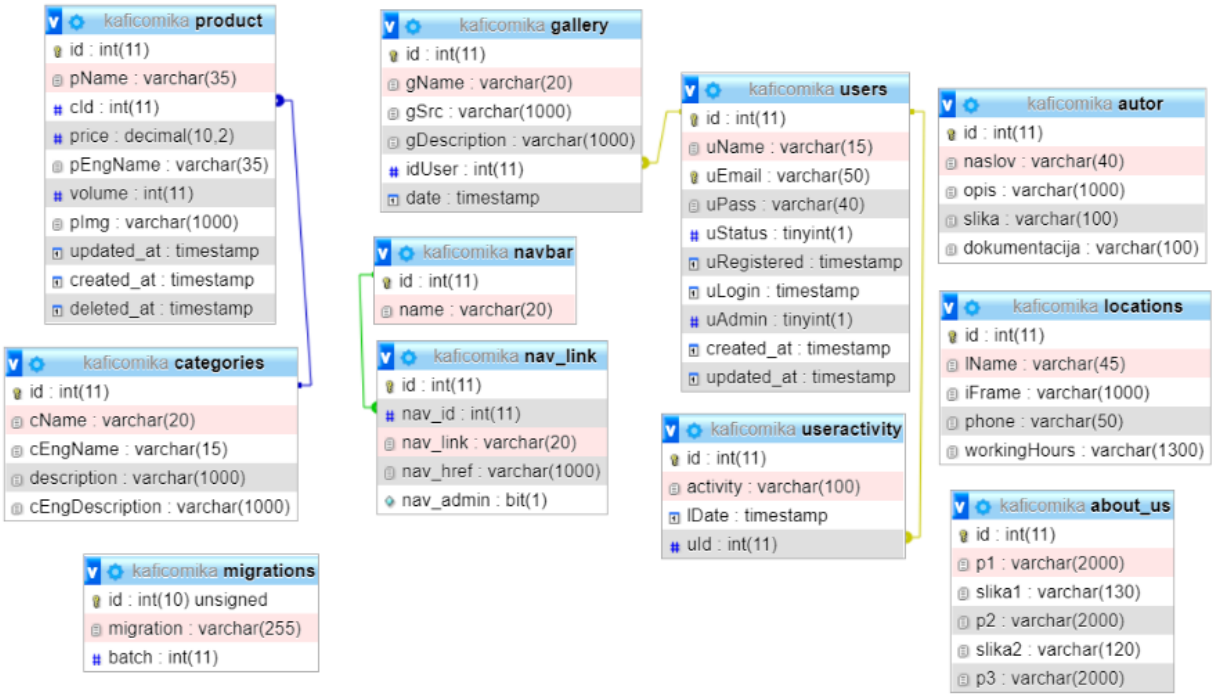
user.blade.php:

- Funkcioalnost izmene profila ulogovanog korisnika, konkretno izmena korisničkog imena, lozinke i e-maila, kao i deaktivacija naloga, nakon čega se korisnik automatski logout-uje i više ne može da se uloguje sa starim kredencijalima
- Funkcionalnost validacije unetih podataka, ispis grešaka

1.3 Template

Koristila sam svoj template

1.4. Slika baze



2. Organizacija

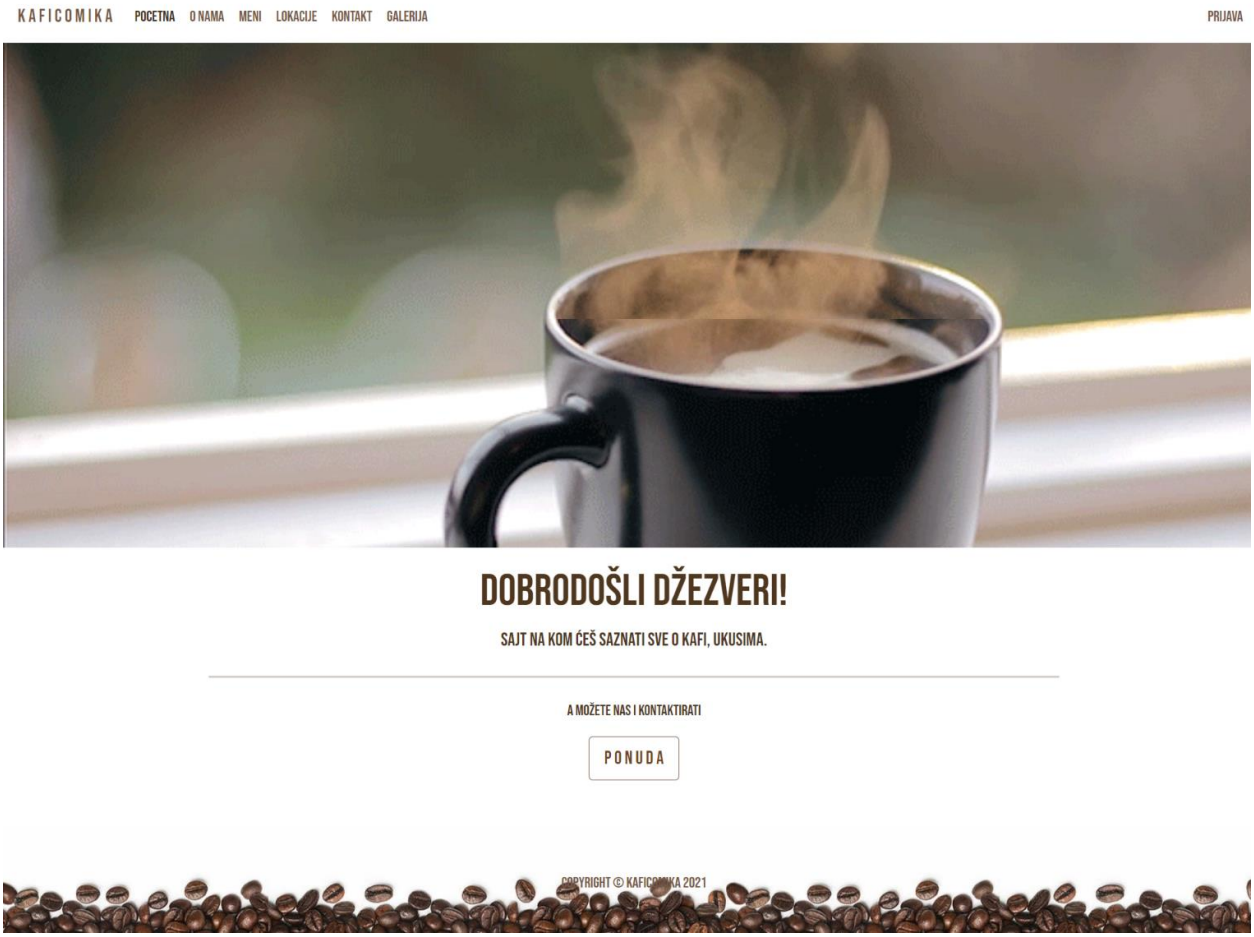
2.1 Mapa sajta

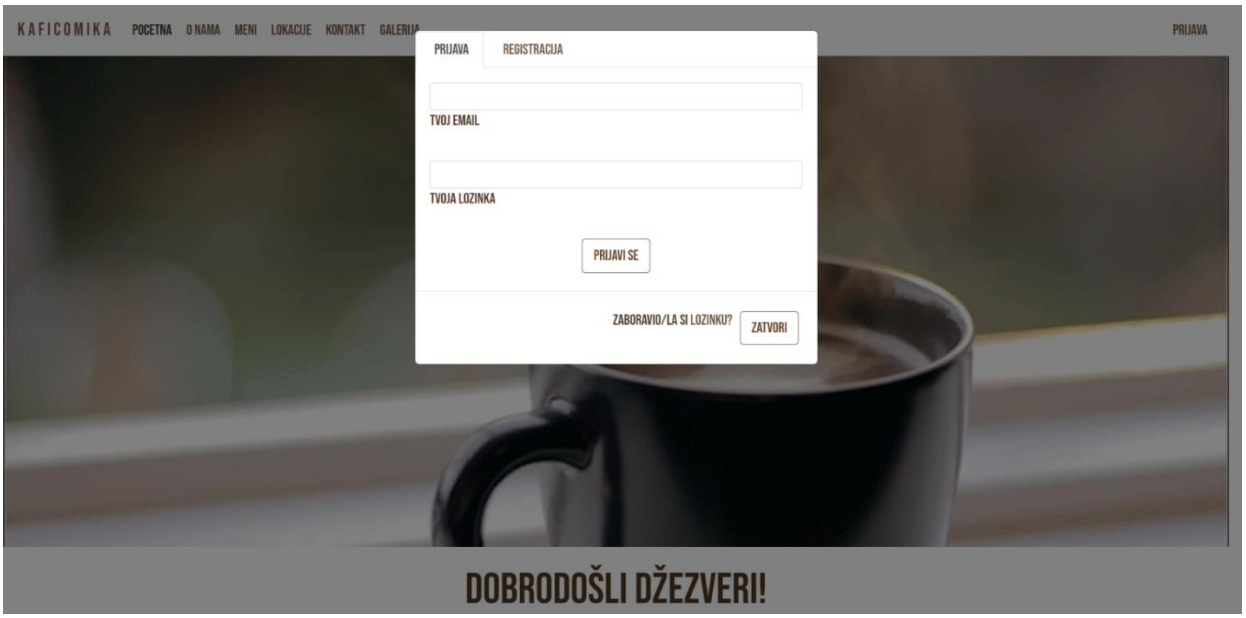
```
<?xml version="1.0" encoding="utf-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
        <url>
                <loc>https:// http://kaficomika.ml/public/</loc>
                <lastmod>2021-13-03</lastmod>
                <changefreq>monthly</changefreq>
                <priority>0.9</priority>
        </url>
        <url>
                <loc>https:// http://kaficomika.ml/public/</loc>
                <lastmod>2021-13-03</lastmod>
                <changefreq>monthly</changefreq>
                <priority>0.8</priority>
        </url>
        <url>
                <loc>https:// http://kaficomika.ml/public/</loc>
                <lastmod>2021-13-03</lastmod>
                <changefreq>monthly</changefreq>
                <priority>0.7</priority>
        </url>
        <url>
                <loc>https:// http://kaficomika.ml/public/</loc>
                <lastmod>2021-13-03</lastmod>
                <changefreq>yearly </changefreq>
                <priority>0.6</priority>
        </url>
```

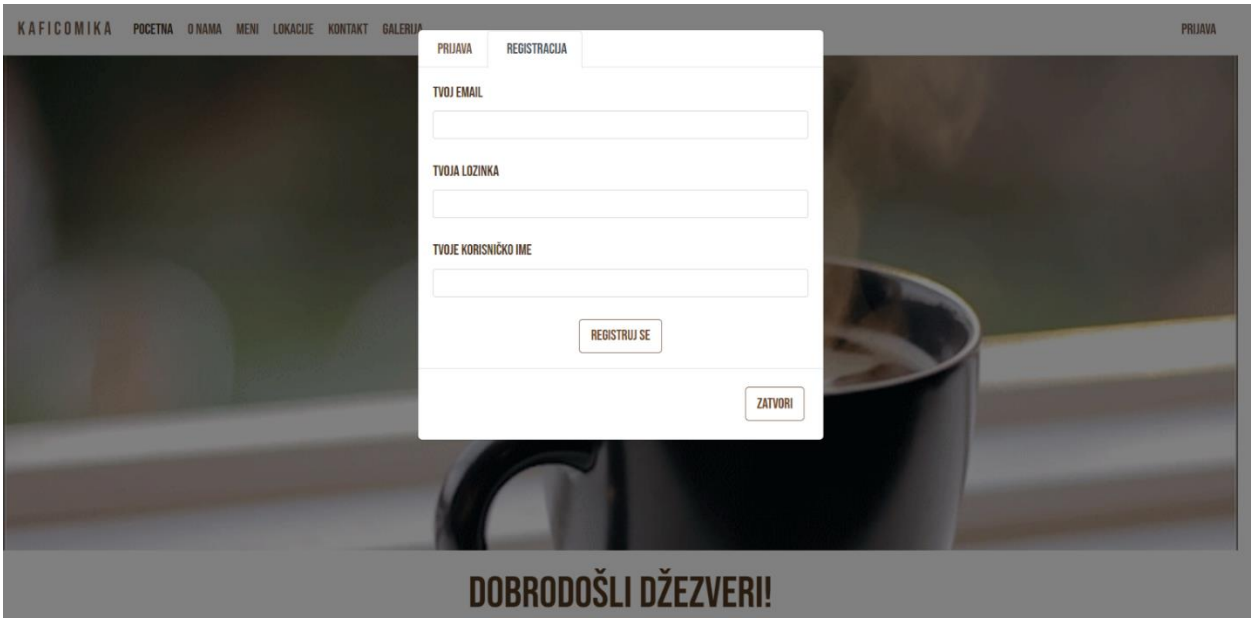
```
    <url>
        <loc>https:// http://kaficomika.ml/public/</loc>
        <lastmod>2021-13-03</lastmod>
        <changefreq>yearly</changefreq>
        <priority>0.5</priority>
    </url>
    <url>
        <loc>https:// http://kaficomika.ml/public/</loc>
        <lastmod>2021-13-03</lastmod>
        <changefreq>yearly</changefreq>
        <priority>0.4</priority>
    </url>
</urlset>
```

2.2 Slike stranica i opisi funkcionalnosti

2.3.1 home.blade.php

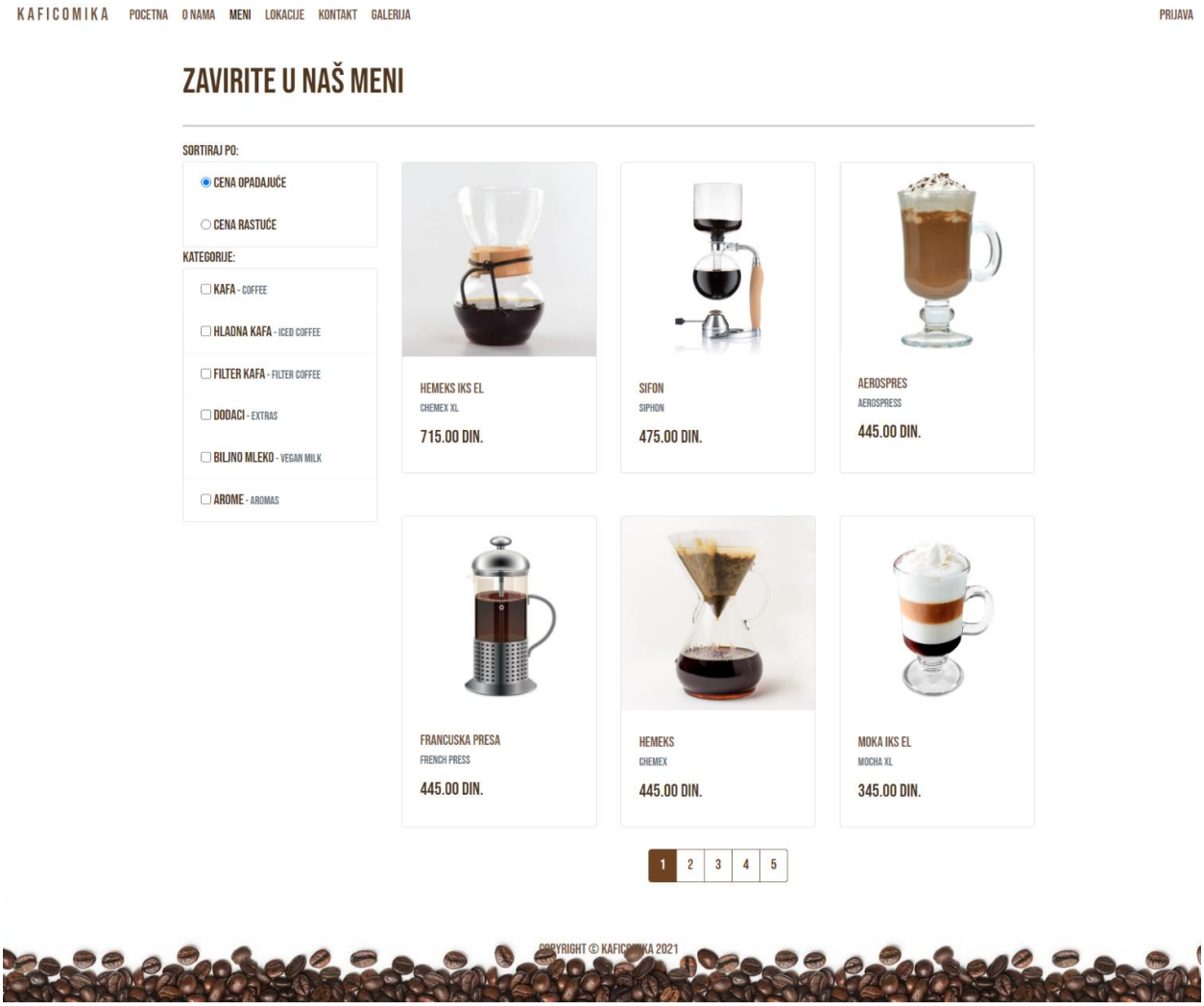


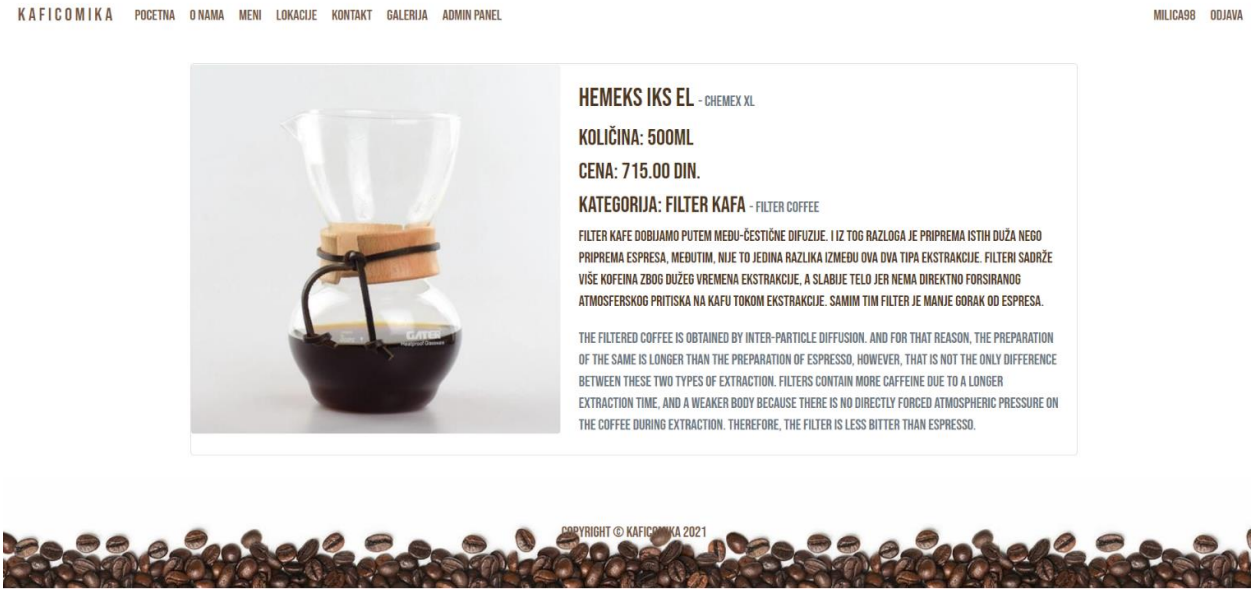




Dinamički unet sadržaj footera i headera. Dinamički ispis obaveštenja i grešaka iz kontrolera, validacija.

2.3.2 product.blade.php



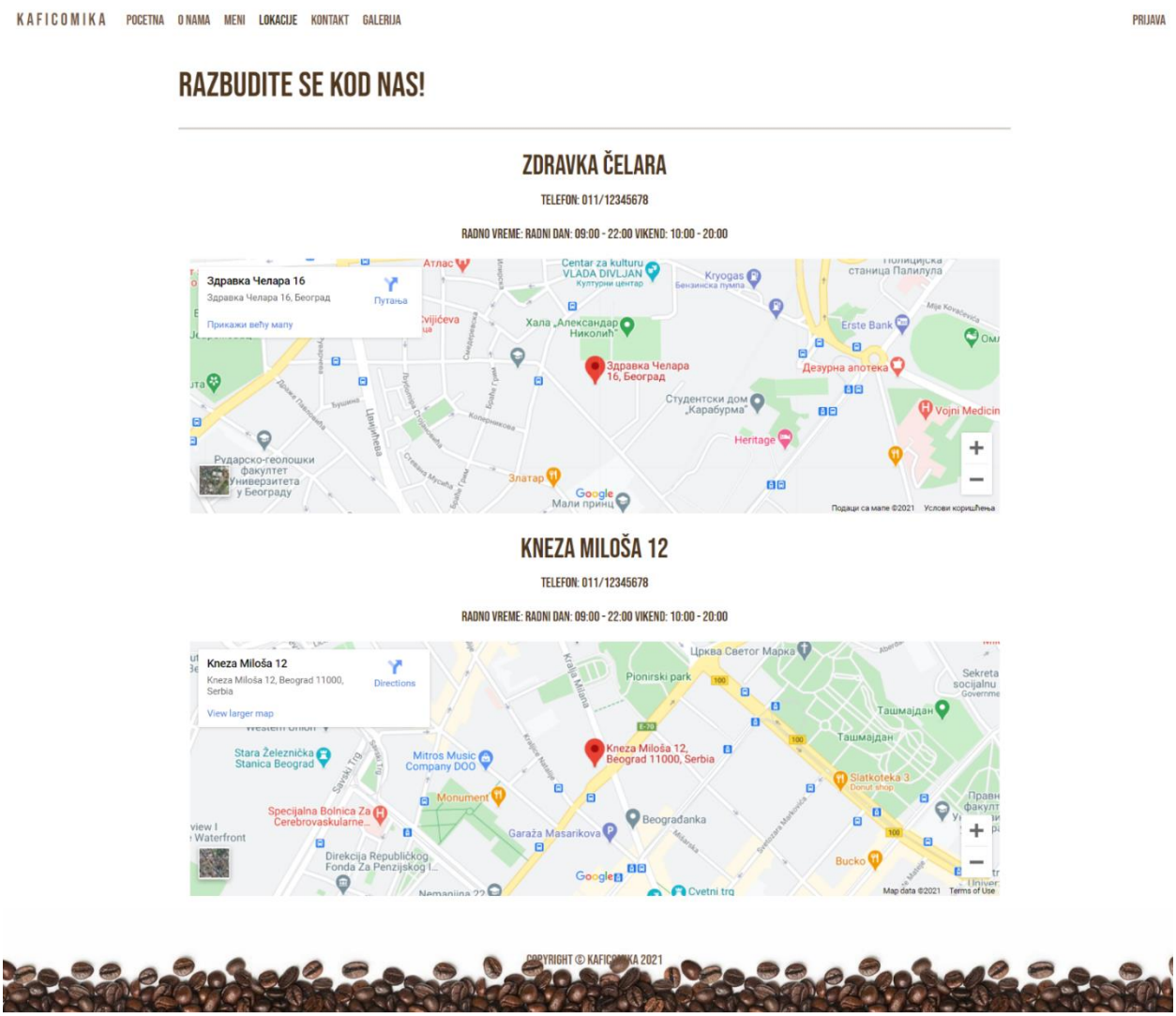


Na ovoj stranici dinamički su ispisani proizvodi. Usklađena unkcionalnost filtriranja po kategorijama, sortiranja po ceni i paginacije.

2.3.3 onama.blade.php

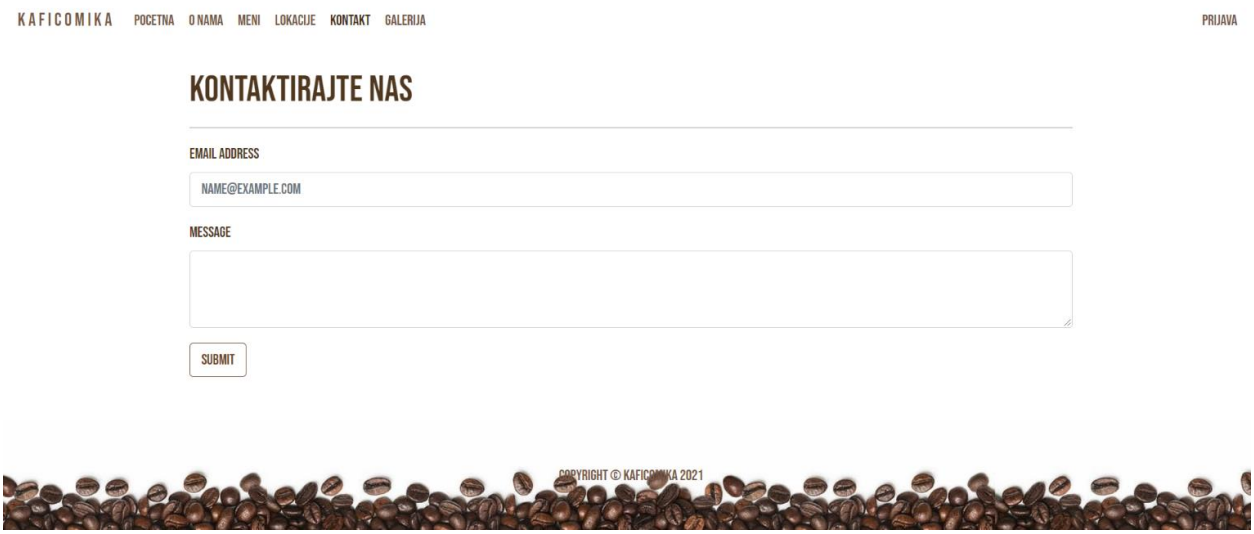
Sadržaj dinamički učitan iz baze.

2.3.4 location.blade.php



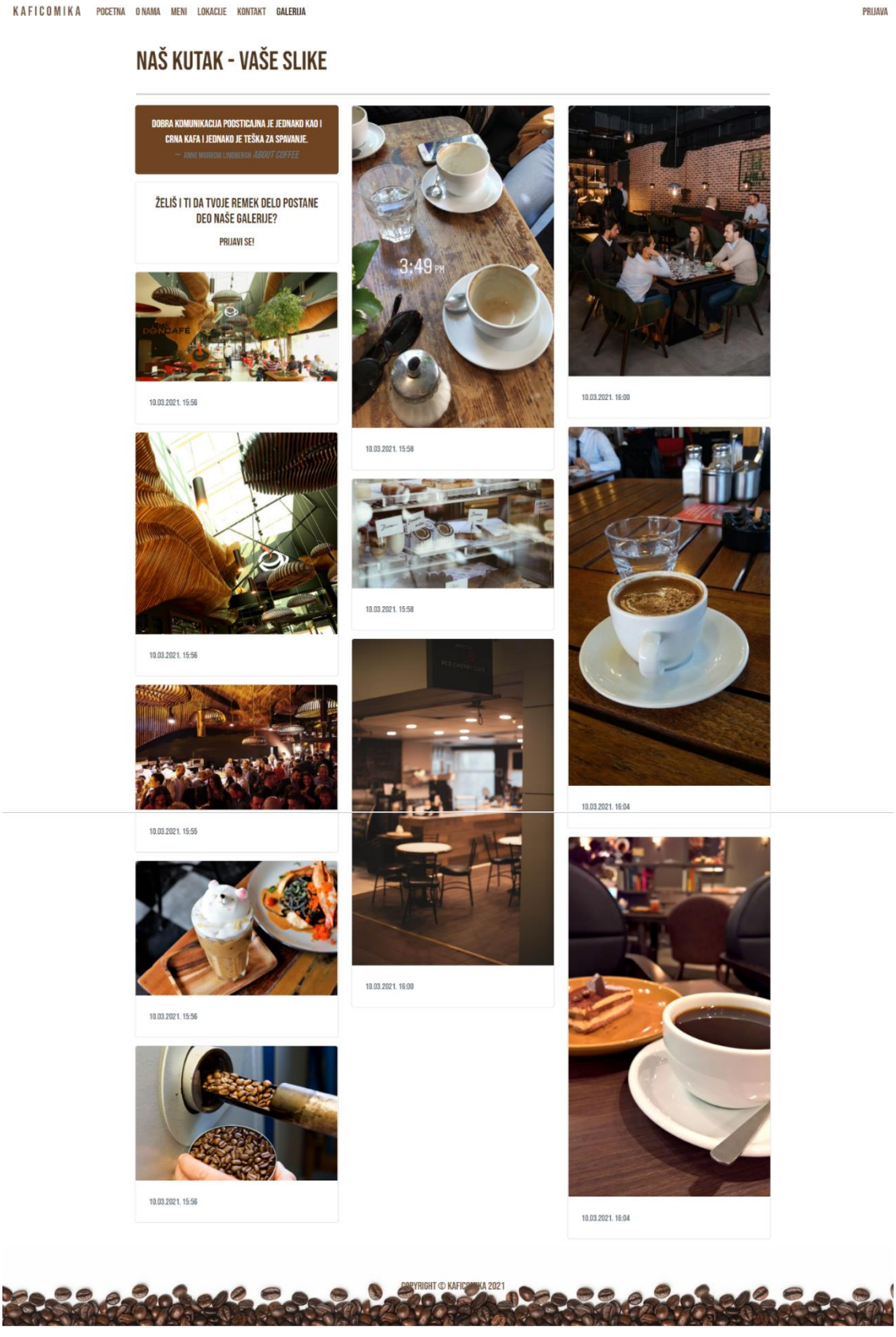
Kompletan sadržaj dinamički učitan iz baze.

2.3.5 kontakt.blade.php



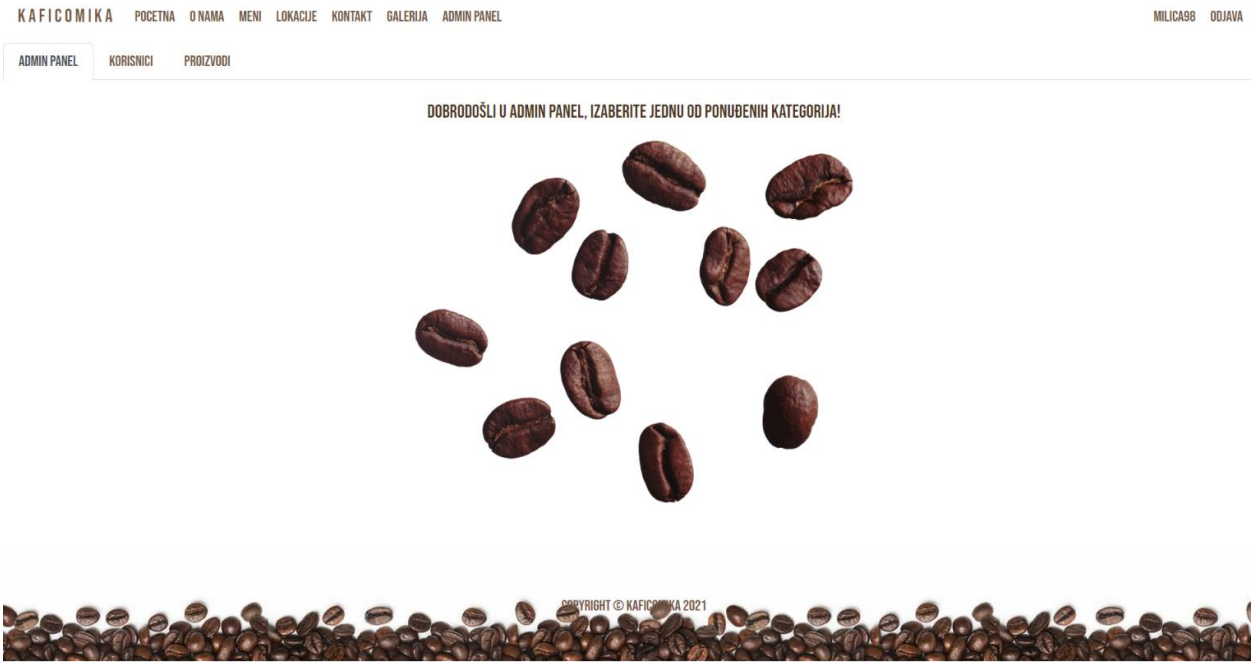
Stranica namenjena kontaktiranju administratora.

2.3.6 galerija.blade.php



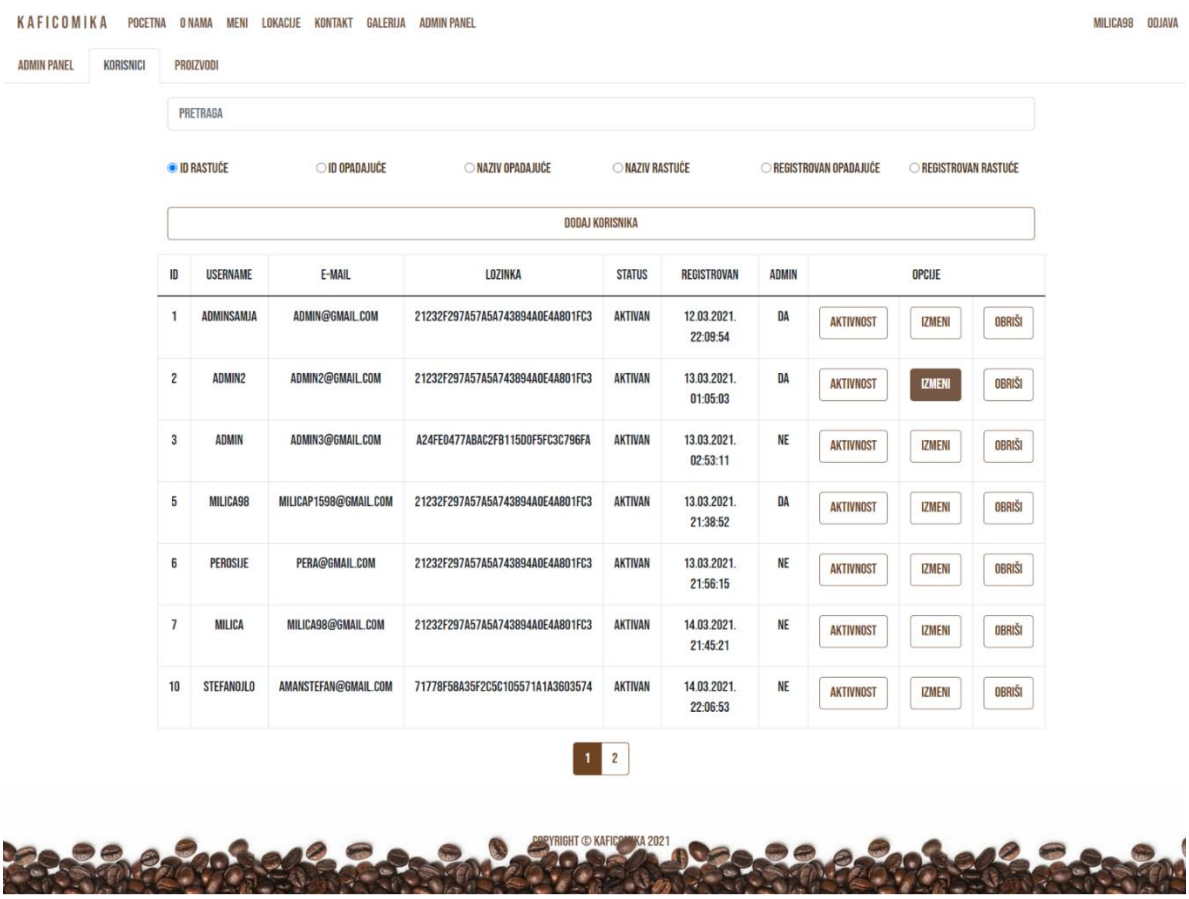
Dinamički unet sadržaj iz baze. Datum objave preformatiran iz timestamp formata.

2.3.7 admin.blade.php



Logovanjem sa adminsitratorskim parametrima navigacioni meni dobija dva nova linka: admin i odjava. Admin vodi na admin panel koji poseduje podesavanja kosrisnika, proizvoda, galerije, lokacija i stranice „O nama“. Korisnici se mogu brisati i njihovi podaci editovati i postoji mogucnost dodavanja novog korisnika. Isto vazi i za ostale oblasti sajta čijoj izmeni admin panel pruza pristup.

2.3.8 admin/users/index.blade.php

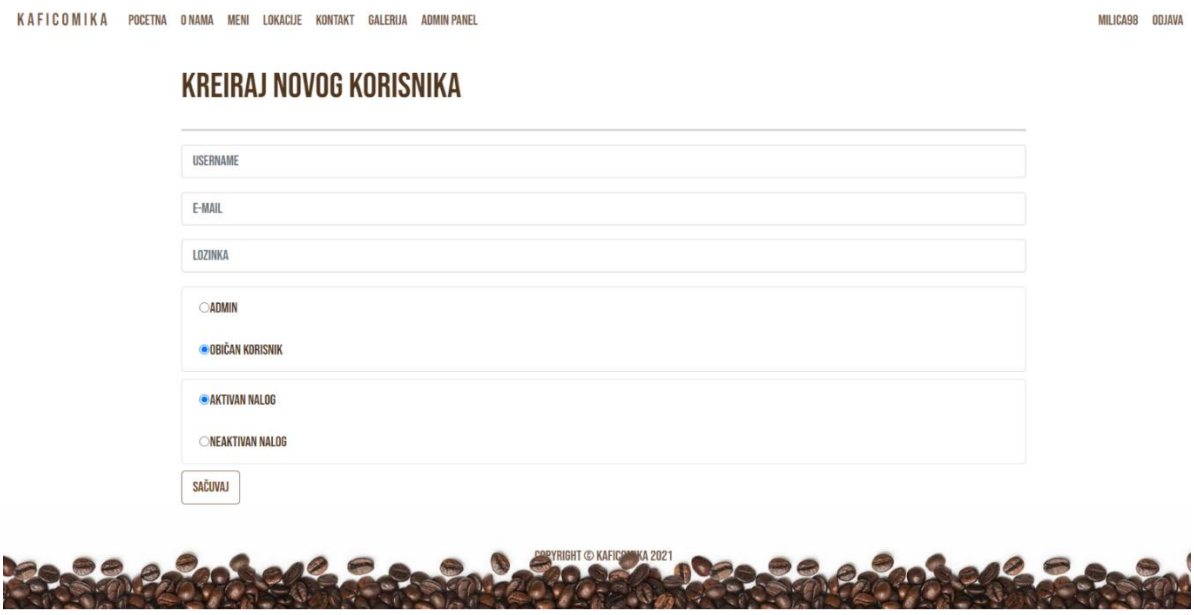


Dinamički izlistani svi korisnici u tabelarnom prikazu.

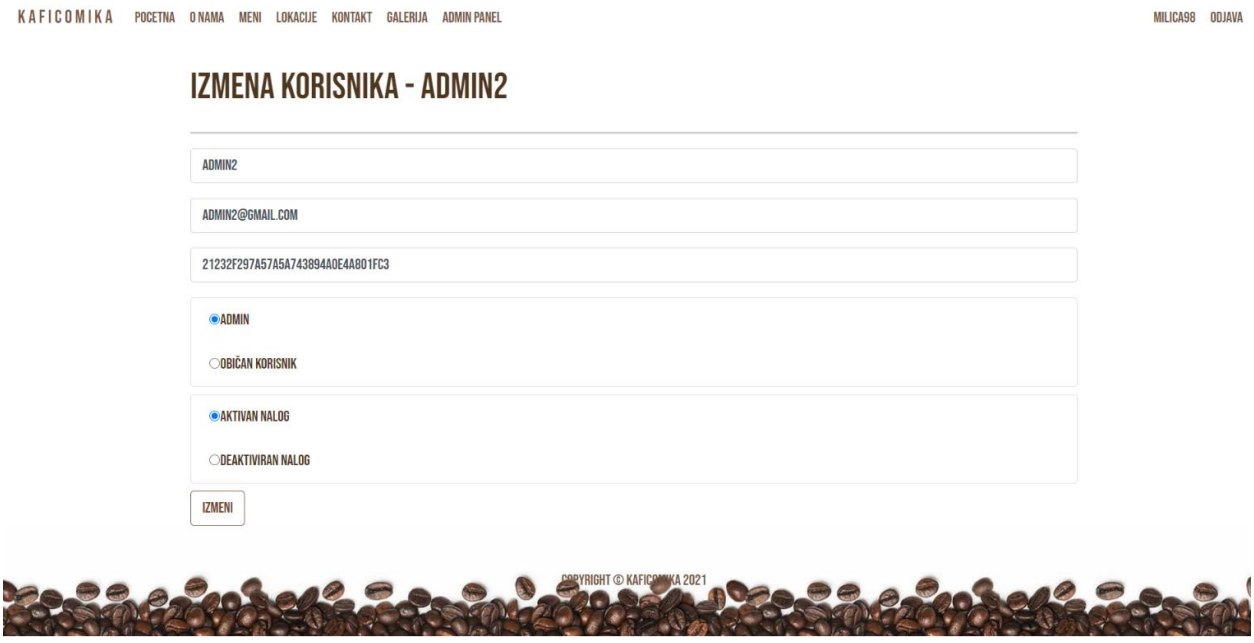
Funkcionalnost pretrage username-a, filtriranja po imenu rastuće i opadajuće, id-ju i datumu registracije korisnika.

Datum objave preformatiran iz timestamp formata.

2.3.9 admin/users/create.blade.php

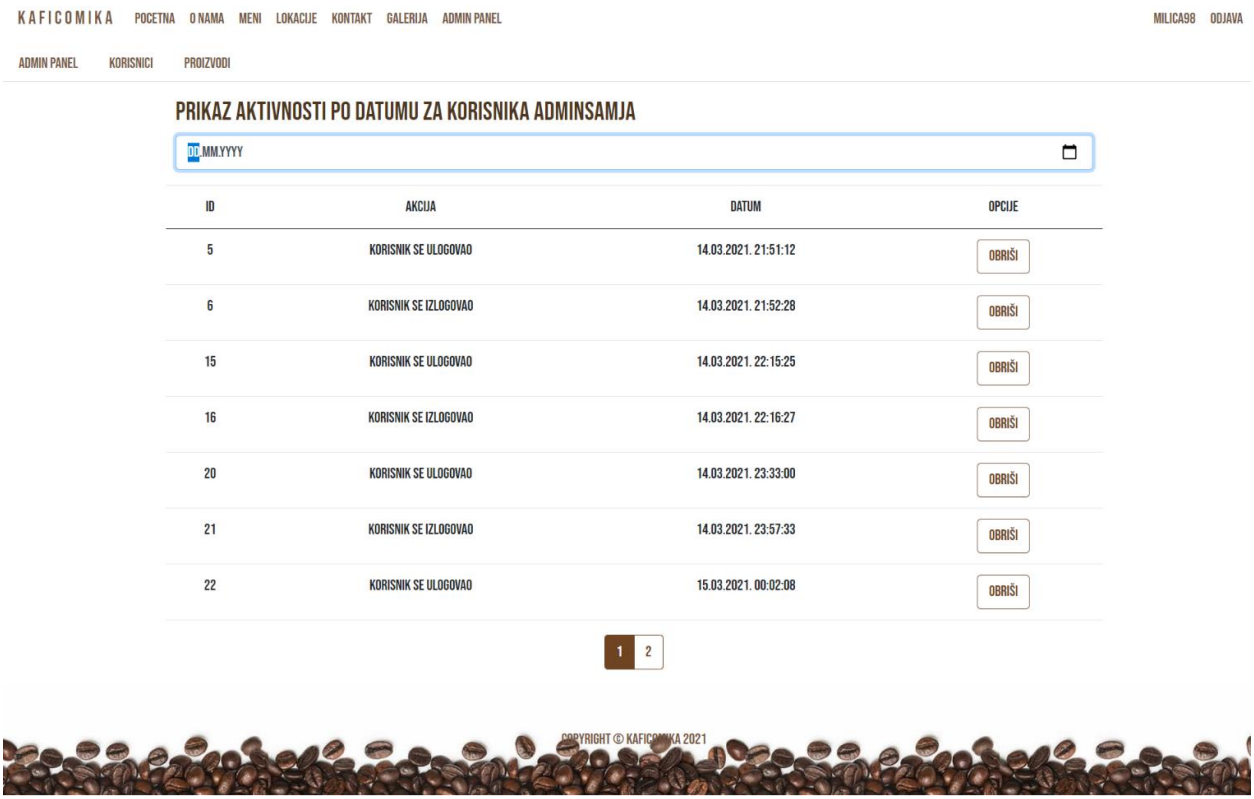


2.3.10 admin/users/edit.blade.php



Forma za izmenu dinamički popunjena podacima iz baze. Validacija sprečava unos korisnika sa e-mailom koji već postoji u bazi. Dinamičko ispisivanje ispravnosti unosa novog korisnika.

2.3.11 admin/users/activity.blade.php

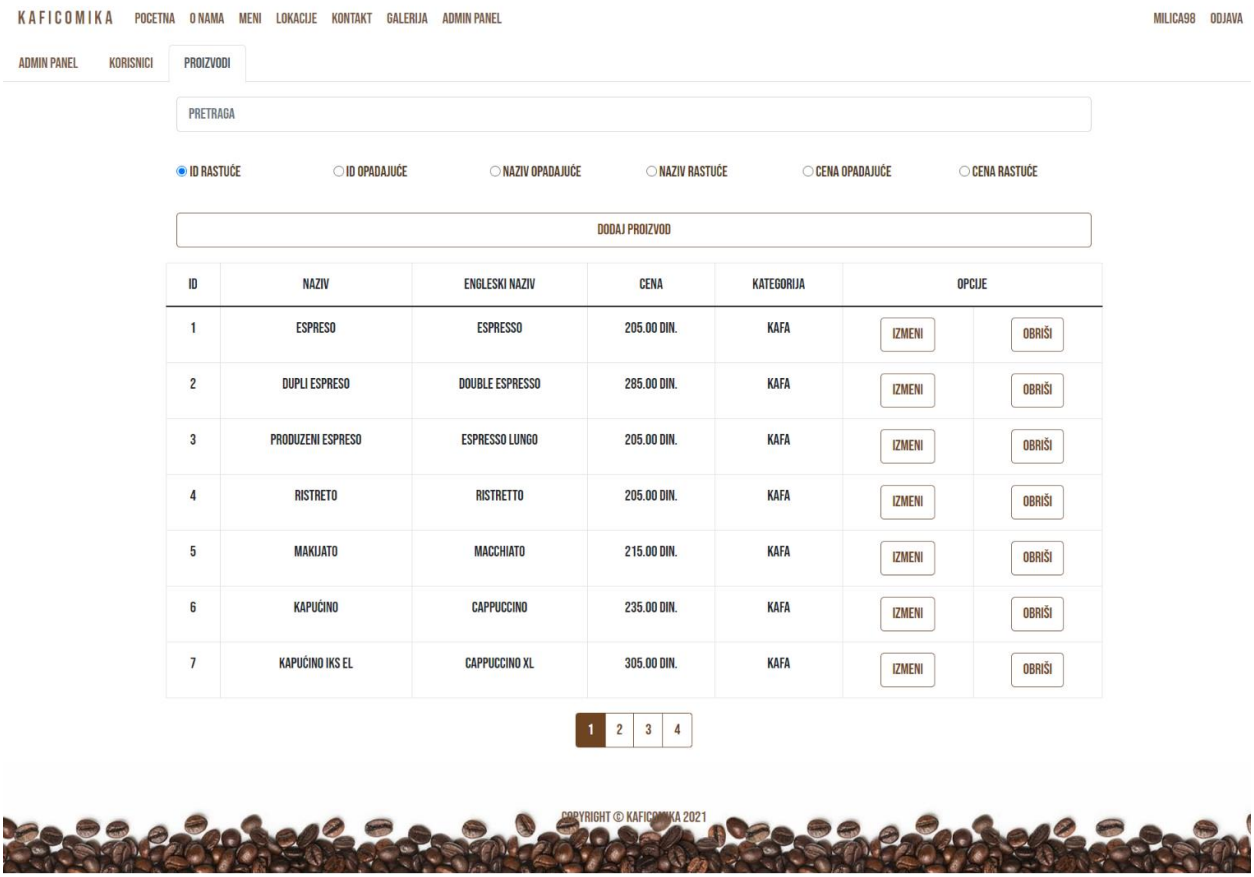


Dinamički prikaz svih aktivnosti odabranog korisnika.

Funkcionalnost usklađenih paginacije, filtera po datumu i brisanja aktivnosti odrađeni putem ajax-a.

Datum preformatiran iz timestamp formata koji je došao iz baze.

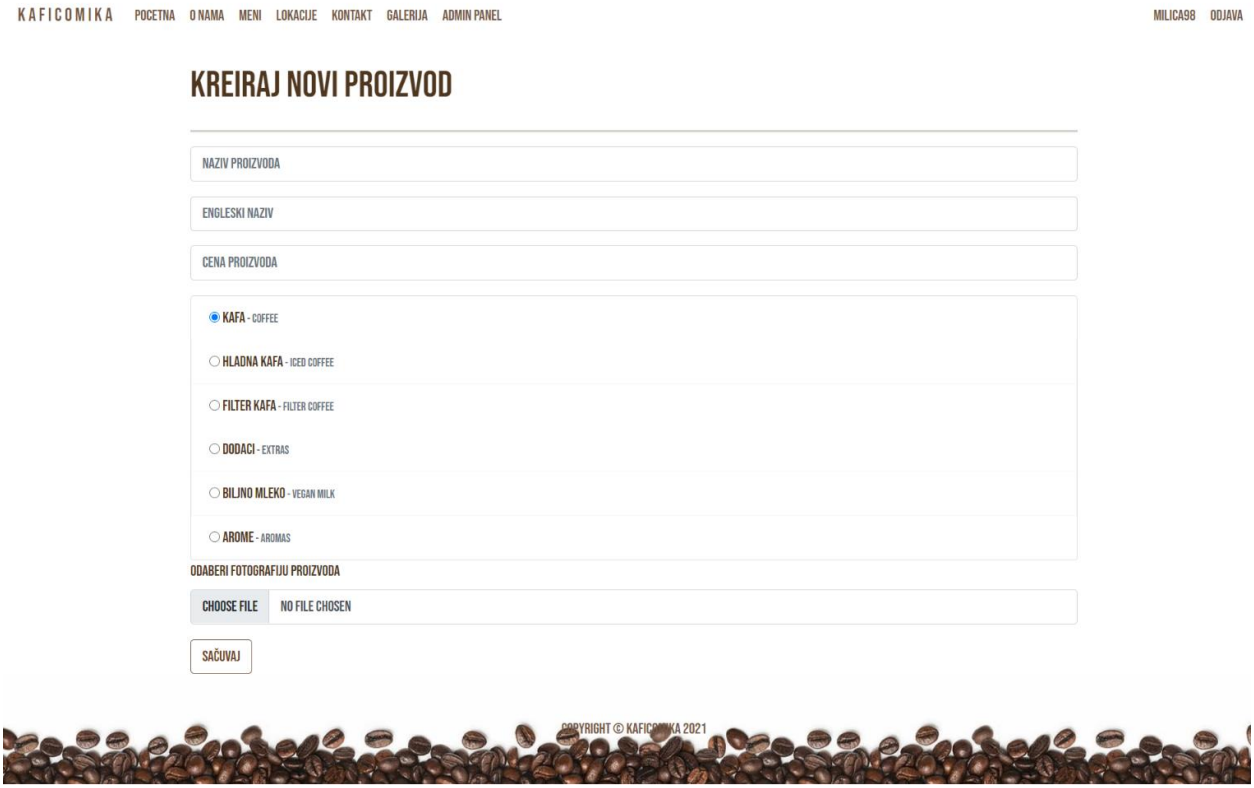
2.3.12 admin/products/index.blade.php



Dinamički prikaz svih proizvoda iz baze.

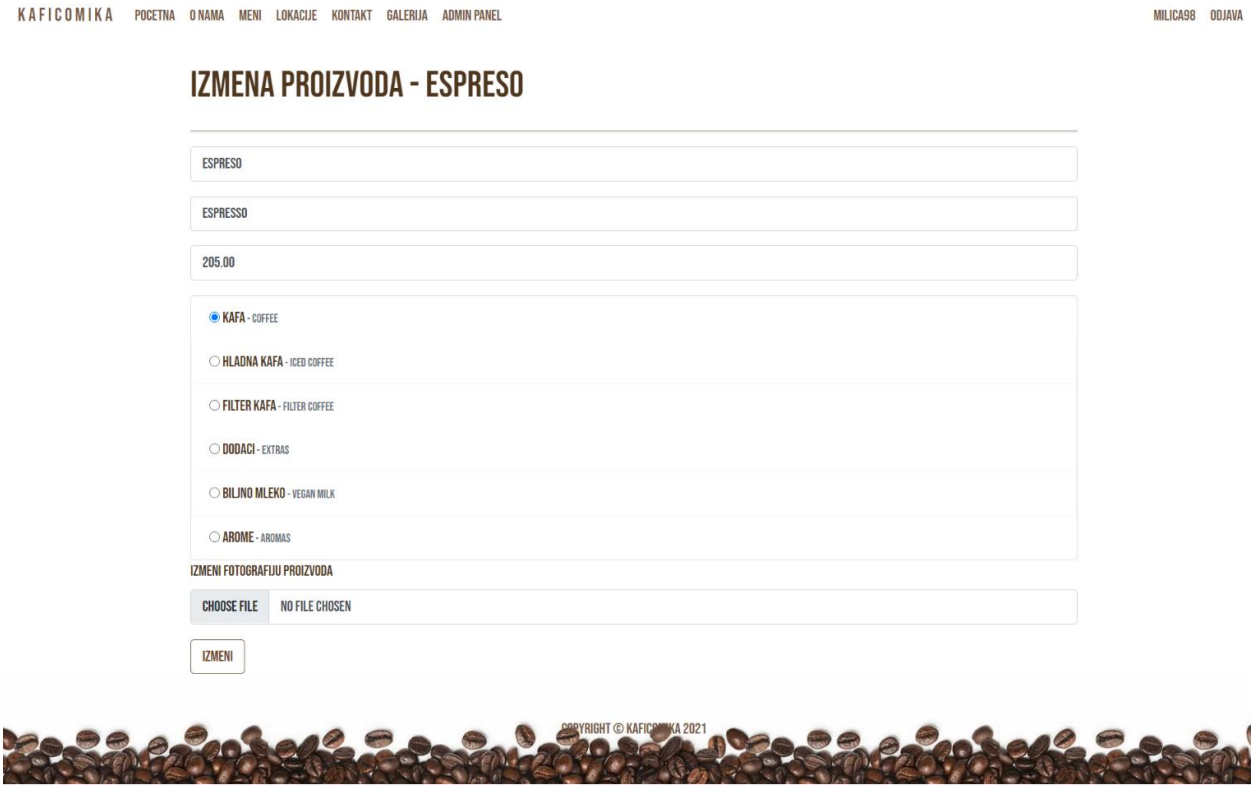
Funkcionalnost usklađenih pretrage, paginacije, sorta i brisanja proizvoda odrađeni putem ajax-a.

2.3.13 admin/products/create.blade.php



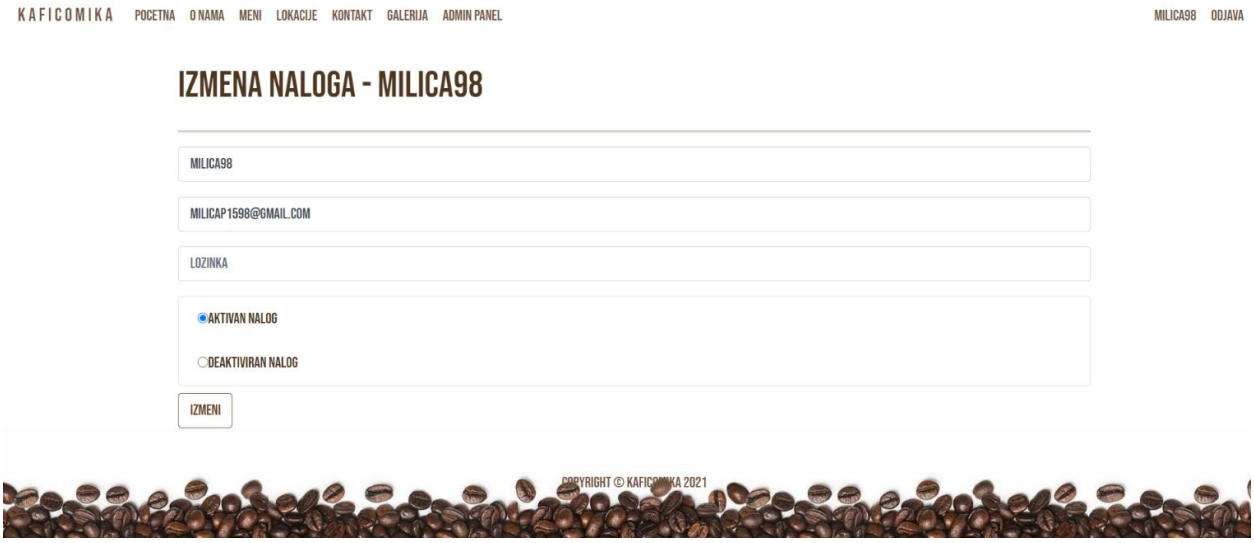
Inicijalno je selektovana prva kategorija. Dinamička obaveštenja o unosu.

2.3.14 admin/products/edit.blade.php



Forma za izmenu dinamički popunjena podacima iz baze. Validacija sprečava nepravilan unos. Dinamičko ispisivanje ispravnosti unosa novog proizvoda.

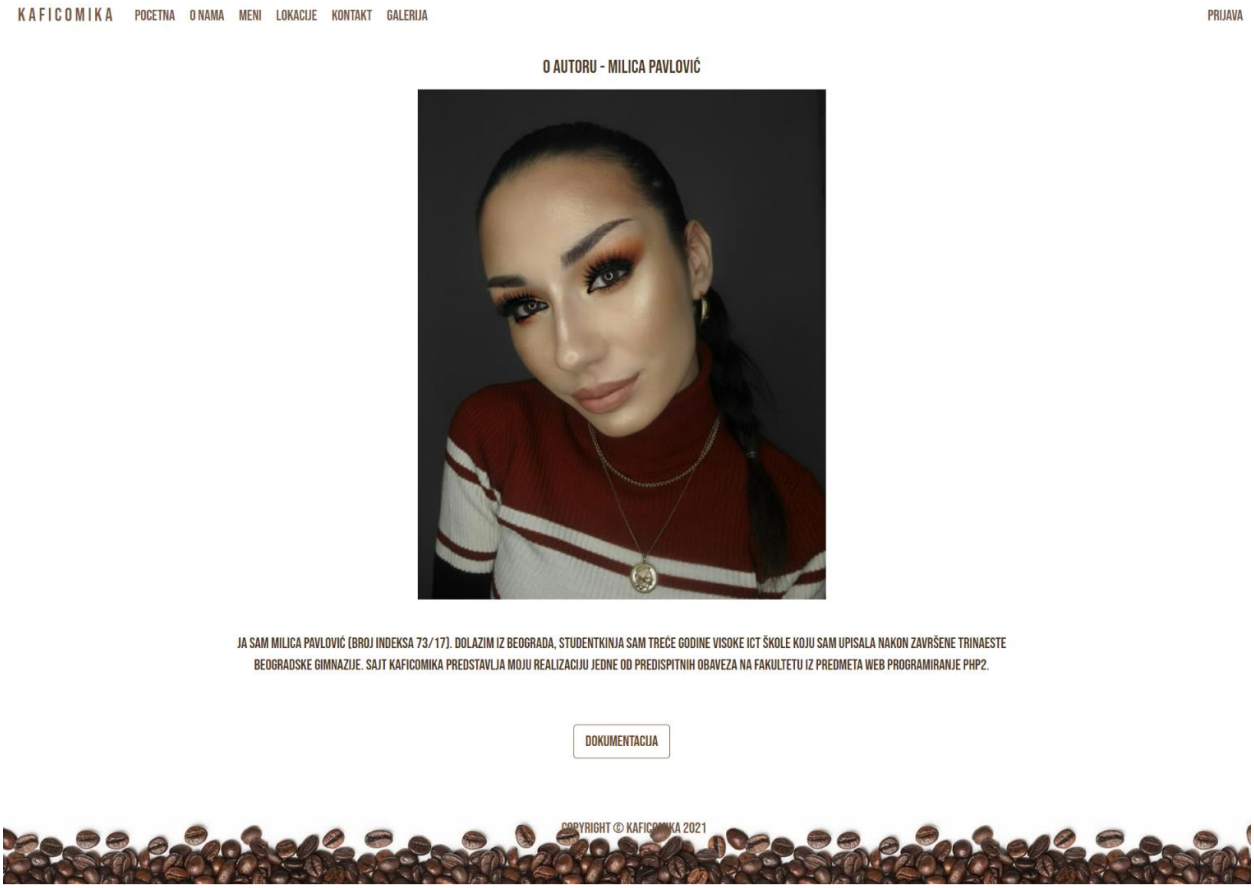
2.3.15 user/edit.blade.php



Forma za izmenu dinamički popunjena podacima iz baze, izuzev lozinke. Validacija sprečava izmenu e-maila ako novi već postoji u bazi. Dinamičko ispisivanje ispravnosti unosa novog korisnika.

U slučaju da korisnik odabere deaktiviran nalog, automatski biva izlogovan i više se ne može ulogovati sa istim kredencijalima.

2.3.16 pages/autor.blade.php



Dinamički unet sadržaj o autoru, dokumentacija.

3. Kodovi

3.0 routes/web.php

```php
<?php

namespace App\Http\Controllers;

use App\Http\Controllers\AdminPanel\UserController;
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('/onama', [OnamaController::class, 'index'])->name('onama');
Route::get('/kontakt', [KontaktController::class, 'index'])->name('kontakt');
Route::get('/admin', [AdminController::class, 'index'])->name('admin');
Route::get('/lokacije', [LokacijeController::class, 'index'])-
>name('lokacije');

Route::get('/product', [ProductController::class, 'index'])->name('product');
Route::get('/product/filtered', [ProductController::class, 'getFiltered']);
Route::get('/product/{id}', [ProductController::class, 'show'])-
>name('product.show');



Route::prefix('admin')->group(function () {
    Route::get('/product/filtered', [AdminPanel\ProductController::class,
'getFiltered']);
    Route::get('/users/filtered', [AdminPanel\UserController::class,
'getFiltered']);
    Route::get('/users/activity/{id}/filtered',
[AdminPanel\UserController::class, 'getFilteredActivity']);


    Route::get('/users/{id}/activity', [AdminPanel\UserController::class,
'activity'])->name('users.activity');
    Route::get('/users/activity/{id}', [AdminPanel\UserController::class,
'destroyActivity'])->name('users.destroyActivity');


    Route::resource('/products',  AdminPanel\ProductController::class);
    Route::resource('/users', AdminPanel\UserController::class);
    Route::resource('/statistics', AdminPanel\StatisticsController::class);
```

```
});


Route::get('/galerija', [GalerijaController::class, 'index'])-
>name('galerija');
Route::get("/logout", [OsnovniController::class, 'logout'])->name("logout");
Route::post("/login", [OsnovniController::class, 'login'])->name("login");
Route::post("/register", [OsnovniController::class, 'register'])-
>name("register");
Route::get("/user", [UserControllers\UserController::class, 'index'])-
>name("user");
Route::put("/user/{id}/update", [UserControllers\UserController::class,
'update'])->name("user.update");
Route::get("/autor" , [OsnovniController::class, 'autor'])->name("autor");
```

3.1 App/Http/Controllers

3.1.1 App/Http/Controllers/OsnovniController.php

```
<?php

namespace App\Http\Controllers;

use App\Models\Autor;
use App\Models\Nav_link;
use App\Models\Navbar;
use App\Models\Useractivity;
use App\Models\Users;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\DB;
use Illuminate\Support\Facades\Log;
use Illuminate\Support\Facades\Auth;

class OsnovniController extends Controller
{
    protected $data;
    protected $meni;
    protected $meniLink;
    protected $rola;

    public function __construct(){
        $this->data['meni'] = Navbar::all();
        $this->data['linkovi'] = Nav_link::where('nav_admin', 0)->get();
        $this->data['adminLink'] = Nav_link::where('nav_admin', 1)-
>where('nav_href', 'admin')->get();
    }

    public function logPageAccessActivity($page){
        try {
            if (session()->has("user"))
                $id = session("user")->getUserId();
            if (session()->has("admin"))
                $id = session("admin")->getUserId();

            Useractivity::create(["activity" => "Korisnik pristupio stranici
```

```
$page", "uId" => $id]);
        }catch(\Exception $e){
            Log::error($e->getMessage());
        }
    }

    public function autor()
    {
        $this->data['autor'] = Autor::all();
        return view('pages.autor', $this->data);
    }

    public function logout(Request $request){
        try{
            if(session()->has("user")){
                $id = session("user")->getUserId();
                $request->session()->remove("user");
            }

            if(session()->has("admin")){
                $id = session("admin")->getUserId();
                $request->session()->remove("admin");
            }

            Useractivity::create(["activity" => "Korisnik se izlogovao",
"uId" => $id]);

            return redirect()->route('home')->with("success", "Uspesan
logout");
        }catch (\Exception $e){
            Log::error($e->getMessage());
            return redirect()->route('home')->with("error", "Neuspesan
logout");
        }

    }

    public function login(Request $request){
        $request->all();
        Users::validateLogin($request);

        try{
            $user = Users::where("uEmail", $request->uEmail)->where("uPass",
md5($request->uPass))->where("uStatus", 1)->first();

            if($user->uAdmin == 0)
                $request->session()->put("user", $user);

            if($user->uAdmin == 1)
                $request->session()->put("admin", $user);

            Useractivity::create(["activity" => "Korisnik se ulogovao", "uId"
=> $user->id]);

            return redirect()->route('home')->with("success", "Uspesan
login");
```

```
        }catch (\Exception $e){
            Log::error($e->getMessage());
            return redirect()->route('home')->with("error", "Doslo je do
greske prilikom logovanja.");
        }

    }

    public function register(Request $request){
        $request->all();
        //Users::validate($request);
        DB::beginTransaction();

        try{
            $pass = md5($request->uPass);

            $mailExixts = Users::where("uEmail", $request->uEmail)->first();

            if(!$mailExixts){
                $user = Users::create($request->except('uPass') + ["uPass" =>
$pass]);
                DB::commit();
                $request->session()->put("user", $user);
                Log::info("Uspesno ste se registrovali.");
                Useractivity::create(["activity" => "Korisnik se
registrovao", "uId" => $user->id]);
                return redirect()->route('home')->with("success", "Uspesno
ste se registrovali.");
            }else{
                Log::error("Korisnik sa unetim e-mailom vec postoji.");
                return redirect()->route('home')->with("error", "Korisnik sa
unetim e-mailom vec postoji.");
            }

        }catch (\Exception $e){
            Log::error($e->getMessage());
            return redirect()->route('home')->with("error", "Doslo je do
greske prilikom registracije.");
        }
    }
}
```

3.1.2 App/Http/Controllers/HomeController.php

```
<?php

namespace App\Http\Controllers;

class HomeController extends OsnovniController
{
    public function index(){
        return view('pages.main.home', $this->data);
    }
}
```

3.1.3 App/Http/Controllers/OnamaController.php

```php
<?php

namespace App\Http\Controllers;
use App\Models\About_us;
use Illuminate\Http\Request;

class OnamaController extends OsnovniController
{
    public function index(){
        $this->data['onama'] = About_us::all();
        $this->logPageAccessActivity("O nama");

        return view('pages.main.onama', $this->data);
    }
}
```

3.1.4 App/Http/Controllers/ProductController.php

```php
<?php

namespace App\Http\Controllers;
use App\Models\Category;
use App\Models\Product;
use Illuminate\Http\Request;
use Illuminate\Support\Facadesades\DB;

class ProductController extends OsnovniController{

    const PROD_PER_PAGE = 6;
    private $productsModel;

    protected $product;

    public function __construct()
    {
        parent::__construct();
        $this->productsModel = new Product();
    }

    public function index(){
        $this->logPageAccessActivity("Meni");

        $this->data['kategorije'] = Category::all();
        $this->data['proizvod'] = Product::orderBy('price', 'DESC')-
>paginate(self::PROD_PER_PAGE);

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

    public function show(Product $id){
        $this->logPageAccessActivity("Meni - Proizvod id: $id");
```

```
        $this->data["p"] = $id;
        $this->data['k'] = Category::find($id->cId);

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


    public function getFiltered(Request $request)
    {
        $categories = $request->categories;
        $sortValue = $request->sortValue;
        $sortColumn = $request->sortColumn;
        $productName = $request->productName;

        $products = $this->productsModel->getFiltered($categories,
$sortValue, $sortColumn, $productName)->paginate(self::PROD_PER_PAGE);

        return response()->json($products);
    }

}
```

3.1.5 App/Http/Controllers/LokacijeController.php

```
<?php

namespace App\Http\Controllers;

use App\Models\Location;
use Illuminate\Http\Request;

class LokacijeController extends OsnovniController
{
    public function index(){
        $this->data['loc'] = Location::all();
        $this->logPageAccessActivity("Lokacije");

        return view('pages.main.lokacije', $this->data);
    }
}
```

3.1.6 App/Http/Controllers/KontaktController.php

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class KontaktController extends OsnovniController
{
    public function index(){
        $this->logPageAccessActivity("Kontakt");

        return view('pages.main.kontakt', $this->data);
```

```
    }
}
```

3.1.1 App/Http/Controllers/GalerijaController.php

```
<?php

namespace App\Http\Controllers;
use App\Models\Gallery;

class GalerijaController extends OsnovniController{
    public function index(){
        $this->data['img'] = Gallery::all();
        $this->logPageAccessActivity("Galerija");

        return view('pages.gallery.index', $this->data);
    }
}
```

3.1.7 App/Http/Controllers/AdminController.php

```
<?php

namespace App\Http\Controllers;

use App\Models\Nav_link;
use Illuminate\Http\Request;

class AdminController extends OsnovniController
{
    public function index(){
        $this->data['adminPageLinks'] = Nav_link::all()->where('nav_admin',
1);

        $this->logPageAccessActivity("Admin panel");

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

3.2 App/Http/Controllers/AdminPanel

3.2.1 App/Http/Controllers/ProductController.php

```
<?php

namespace App\Http\Controllers\AdminPanel;
use App\Http\Requests\StoreProductRequest;
use App\Http\Controllers\OsnovniController;
use App\Models\Nav_link;
use App\Models\Product;
use App\Models\Category;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\Log;
```

```
use Illuminate\Support\Facades\DB;
use Mockery\Exception;

class ProductController extends OsnovniController{

    const PROD_PER_PAGE = 7;
    private $productsModel;

    protected $product;

    public function __construct()
    {
        parent::__construct();
        $this->productsModel = new Product();
    }

    public function index(Request $request){
        $this->logPageAccessActivity("Admin panel - Proizvodi");


        $this->data['adminPageLinks'] = Nav_link::all()->where('nav_admin',
1);

        $this->data['proizvod']= Product::orderBy('id', 'asc')-
>paginate(self::PROD_PER_PAGE);

        $this->data['kategorije'] = Category::all();

        return view('admin.products.index',
            ['proizvod' => $this->data['proizvod'],
            'linkovi' => $this->data['linkovi'],
            'adminLink' => $this->data['adminLink'],
            'meni' => $this->data['meni'],
            'adminPageLinks' => $this->data['adminPageLinks']]);
    }

    public function store(StoreProductRequest $request){
        DB::beginTransaction();

        try {
            Log::error($request);
            Log::error($request->pImg);


            $image = Product::uploadImage($request->pImg);
            $proizvod = Product::create($request->except('pImg') + ["pImg" =>
$image]);
            DB::commit();

            //$proizvod->save();

            return redirect()->route('products.index')->with("success",
"Uspesno dodavanje proizvoda.");


        }catch (Exception $e){
            Log::error($e->getMessage());
```

```
            DB::rollBack();
            return redirect()->route('products.index')->with("error", "Doslo
je do greske prilikom dodavanja proizvoda.");
        }


    }

    public function create(){
        $this->logPageAccessActivity("Admin panel - Kreiraj proizvod");

        return view('admin.products.create', [
            'proizvodi' => Product::all(),
            'kategorije' => Category::all(),
            'adminLink' => $this->data['adminLink'],
            'linkovi' => $this->data['linkovi'],
            'meni' => $this->data['meni']
        ]);


    }

    public function edit($id){
        $this->logPageAccessActivity("Admin panel - Izmena proizvoda
id:$id");

        return view('admin.products.edit',[
            'proizvodi' => Product::findOrFail($id), //automatski vraca 404
ako ne postoji
            'kategorije' => Category::all(),
            'adminLink' => $this->data['adminLink'],
            'linkovi' => $this->data['linkovi'],
            'meni' => $this->data['meni']
        ]);
    }

    public function update(Request $request, $id){
        try {
            $data = $request->all();
            unset($data["_token"]);
            unset($data["_method"]);

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

            foreach($data as $key => $value){
                $product->$key = $value;
            }

            $product->save();
            return redirect()->route('products.index')->with("success",
"Proizvod je uspešno izmenjen.");

        }catch (Exception $e){
            Log::error($e->getMessage());
            return redirect()->route('products.index')->with("error", "Doslo
je do greske prilikom brisanja proizvoda.");
        }
```

```
    }

    public function destroy($id){
        try {
            Product::destroy($id);
            return redirect()->route('products.index')->with("success",
"Uspesno brisanje proizvoda.");

        }catch (Exception $e){
            Log::error($e->getMessage()); //greska se upisuje u log fajl
            return redirect()->route('products.index')->with("error", "Doslo
je do greske prilikom brisanja proizvoda.");
        }
    }

    public function getFiltered(Request $request)
    {
        $categories = $request->categories;
        $sortValue = $request->sortValue;
        $sortColumn = $request->sortColumn;
        $productName = $request->productName;

        $products = $this->productsModel->getFiltered($categories,
$sortValue, $sortColumn, $productName)->paginate(self::PROD_PER_PAGE);

        return response()->json($products);
    }


}
```

3.2.2 App/Http/Controllers/UserController.php

```
<?php

namespace App\Http\Controllers\AdminPanel;
use App\Http\Requests\StoreProductRequest;
use App\Http\Controllers\OsnovniController;
use App\Http\Requests\StoreUserRequest;
use App\Models\Nav_link;
use App\Models\User;
use App\Models\Useractivity;
use App\Models\Users;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\Log;
use Illuminate\Support\Facades\DB;
use Mockery\Exception;

class UserController extends OsnovniController{

    const PROD_PER_PAGE = 7;
    private $usersModel;
    private $activityModel;
    protected $user;

    public function __construct()
```

```
    {
        parent::__construct();
        $this->usersModel = new Users();

    }

    public function index(){
        $this->logPageAccessActivity("Admin panel - Korisnici");

        $this->data['user']= Users::orderBy('id', 'asc')-
>paginate(self::PROD_PER_PAGE);

        $this->data['adminPageLinks'] = Nav_link::all()->where('nav_admin',
1);


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

    public function show(){
        return view('admin.users.show', $this->data);
    }

    public function store(StoreUserRequest $request){
        DB::beginTransaction();

        try {
            $pass = md5($request->uPass);

            $mailExixts = Users::where("uEmail", $request->uEmail)->first();

            if(!$mailExixts){
                Users::create($request->except('uPass') + ["uPass" =>
$pass]);
                DB::commit();
                return redirect()->route('users.index')->with("success",
"Uspesno dodavanje korisnika.");
            }else{
                return redirect()->route('users.index')->with("error",
"Korisnik sa unetim e-mailom vec postoji.");
            }

        }catch (Exception $e){
            Log::error($e->getMessage());
        }


    }

    public function create(){
        $this->logPageAccessActivity("Admin panel - Kreiraj korisnika");

        $this->data['user'] = Users::all();
        return view('admin.users.create', $this->data);

    }
```

```
    public function edit($id){
        $this->logPageAccessActivity("Admin panel - Edit korisnika id:$id");

        $this->data['user'] = Users::findOrFail($id);

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

    }

    public function update(Request $request, $id){
        try {
            $data = $request->all();
            unset($data["_token"]);
            unset($data["_method"]);

            $user = Users::find($id);

            $mailExixts = Users::where("uEmail", $request->uEmail)->first();

            if($user->id == $mailExixts->id || !$mailExixts){
                if($data["uPass"] != $user->uPass){
                    $data["uPass"] = md5($data["uPass"]);
                }
                foreach ($data as $key => $value) {
                    $user->$key = $value;
                }

                $user->save();
                return redirect()->route('users.index')->with("success",
"Korisnik je uspešno izmenjen.");

            }else{
                return redirect()->route('users.index')->with("error",
"Korisnik sa unetim e-mailom vec postoji.");
            }
        }catch (Exception $e){
            Log::error($e->getMessage());
            return redirect()->route('users.index')->with("error", "Neuspešna
izmena korisnika.");
        }
    }

    public function destroy($id){
        try {
            Users::destroy($id);
            return redirect()->route('users.index')->with("success", "Uspesno
brisanje korisnika.");

        }catch (Exception $e){
            Log::error($e->getMessage());
            return redirect()->route('users.index')->with("error", "Doslo je
do greske prilikom brisanja korisnika.");
        }
    }

    public function getFiltered(Request $request)
    {
```

```
        $sortValue = $request->usrSortValue;
        $sortColumn = $request->usrSortColumn;
        $uName = $request->uName;


        $users = $this->usersModel->getFiltered($sortValue, $sortColumn,
$uName)->paginate(self::PROD_PER_PAGE);

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

    public function getFilteredActivity(Request $request){
        dd($request);
        $date = $request->dateOfActivity;
        $activities = $this->activityModel->getFiltered($date)-
>paginate(self::PROD_PER_PAGE);

        return response()->json($activities);
    }

    public function destroyActivity($id){
        try {
            Useractivity::destroy($id);
            return redirect()->route('users.activity')->with("success",
"Uspesno brisanje aktivnosti.");

        }catch (Exception $e){
            Log::error($e->getMessage());
            return redirect()->route('users.activity')->with("error", "Doslo
je do greske prilikom brisanja aktivnosti.");
        }
    }

    public function activity($id = null){
        if(!$id)
            return redirect()->route('users.index')->with("error", "Korisnik
za prikaz aktivnosti nije pronadjen.");

        $this->data['user'] = Users::findOrFail($id);
        $this->data['activity'] = Useractivity::where("uId", $id)-
>paginate(self::PROD_PER_PAGE);
        $this->data['adminPageLinks'] = Nav_link::all()->where('nav_admin',
1);


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

    }


}
```

3.2.3 App/Http/Controllers/LocationController.php

3.2.4 App/Http/Controllers/GalleryController.php

3.3 App/Http/Controllers/UserControllers

3.3.1 App/Http/Controllers/UserController.php

```php
<?php

namespace App\Http\Controllers\UserControllers;
use App\Http\Controllers\OsnovniController;
use App\Models\Users;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\Log;
use Mockery\Exception;

class UserController extends OsnovniController
{
    protected $user;

    public function index(){
        return view('pages.user.index', $this->data);
    }

    public function update(Request $request, $id){
        //dd($id);
        //Users::validateLogin($request);
        try {
            $data = $request->all();
            unset($data["_token"]);
            unset($data["_method"]);
            //dd($data["uStatus"]);

            if($data["uPass"]){
                $data["uPass"] = md5($data["uPass"]);
            }else{
                unset($data["uPass"]);
            }

            if($data["uEmail"]){
                $data["uEmail"];
            }else{
                unset($data["uPass"]);
            }

            $user = Users::find($id);

            foreach ($data as $key => $value) {
                $user->$key = $value;
            }

            $user->save();
            if(session()->has("user") )
                $rola = "user";
            if(session()->has("admin"))
                $rola = "admin";
```

```
            if($data["uStatus"] == 1){
                $request->session()->put($rola, $user);
                return redirect()->route('user')->with("success", "Profil je
uspešno izmenjen.");
            }else{
                try{
                    $request->session()->remove($rola);
                    return redirect()->route('home')->with("success",
"Uspesna deaktivacija");
                }catch (\Exception $e){
                    Log::error($e->getMessage());
                    return redirect()->route('home')->with("error",
"Neuspesna deaktivacija");
                }
            }


        }catch (Exception $e){
            Log::error($e->getMessage());
            return redirect()->route('user')->with("error", "Greška pri
izmeni profila.");

        }
    }
}
```

3.4 App/Http/Requests

3.4.1 App/Http/Requests/StoreProductController.php

```
<?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 true
     */
    public function authorize()
    {
        return true;
    }

    /**
     * Get the validation rules that apply to the request.
     *
     * @return array
     */
    public function rules()
```

```
    {
        return [
            'pName' => 'required|min:3|max:35',
            'price' => 'required|numeric',
            'pEngName' => 'required|min:3|max:35',
            'image' => 'required|image'
        ];
    }

    public function messages(){
        return [
            'required' => 'Polje :attribute je obavezno.',
            'pName.min' => 'Naziv mora imati više od :min karaktera.',
            'pName.max' => 'Naziv mora imati manje od :max karaktera.',
            'pEngName.min' => 'Englegski naziv mora imati više od :min
karaktera.',
            'pEngName.max' => 'Engleski naziv mora imati manje od :max
karaktera.',
            'numeric' => 'Polje :attribute mora biti broj.',
            'image.image' => 'Postavljeni fajl mora biti tipa image.'
        ];
    }
}
```

3.4.2 App/Http/Requests/StoreUserController.php

```
<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class StoreUserRequest extends FormRequest
{
    /**
     * Determine if the user is authorized to make this request.
     *
     * @return true
     */
    public function authorize()
    {
        return true;
    }

    /**
     * Get the validation rules that apply to the request.
     *
     * @return array
     */
    public function rules()
    {
        return [
            'uName' => 'required|min:3|max:15',
            'uEmail' => 'required|unique:users|min:11|max:50',
            'uPass' => 'required'
        ];
```

```
    }

    public function messages(){
        return [
            'required' => 'Polje :attribute je obavezno.',
            'unique' => 'Polje :attribute mora biti jedinstveno.',
            'uName.min' => 'Ime ne sme biti kraće od :min karaktera.',
            'uName.max' => 'Ime ne sme biti duže od :max karaktera.',
            'uEmail.min' => 'Email ne sme biti kraći od :min karaktera.',
            'uEmail.max' => 'Email ne sme biti duži od :max karaktera.'
        ];
    }
}
```

3.5 App/Http/Middleware

3.5.1 App/Http/Middleware/IpLoggingMiddleware.php

```
<?php


namespace App\Http\Middleware;


use App\Providers\RouteServiceProvider;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\Auth;
use Illuminate\Support\Facades\Log;

class IpLoggingMiddleware
{
    /**
     * Handle an incoming request.
     *
     * @param  \Illuminate\Http\Request  $request
     * @param  \Closure  $next
     * @param  string|null  ...$guards
     * @return mixed
     */
    public function handle(Request $request, Closure $next)
    {
        Log::info("Http request from". $request->ip());

        return $next($request);
    }
}
```

3.6 App/Models

3.6.1 App/Models/About_us.php

```
<?php

namespace App\Models;
```

```php
use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;
use Illuminate\Support\Facades\DB;

class About_us extends Model
{
    protected $table = 'about_us';
    public $timestamps = 'false';
    protected $primaryKey = 'id';
    use HasFactory;
    public function aboutUs(){
        return DB::table('about_us')->get();
    }
}
```

3.6.2 App/Models/Autor.php

```php
<?php


namespace App\Models;
use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;
use Illuminate\Support\Facades\DB;

class Autor extends Model
{
    protected $table = 'autor';
    public $timestamps = 'false';
    protected $primaryKey = 'id';
    use HasFactory;



}
```

3.6.3 App/Models/Category.php

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;


class Category extends Model
{
    use HasFactory;

    protected $table = 'categories';
    public $timestamps = 'false';
    protected $primaryKey = 'id';

    public function product(){
        return $this->hasMany(Product::class, 'id', 'cId');
    }
}
```

3.6.4 App/Models/Gallery.php

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;
use Illuminate\Support\Facades\DB;

class Gallery extends Model
{
    protected $table = 'gallery';
    public $timestamps = 'false';
    protected $primaryKey = 'id';
    use HasFactory;
    public function getGallery(){
       return DB::table('gallery')->get();
    }
}
```

3.6.5 App/Models/Location.php

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;
use Illuminate\Support\Facades\DB;

class Location extends Model
{
    protected $table = 'locations';
    public $timestamps = 'false';
    protected $primaryKey = 'id';
    use HasFactory;
    public function getLocations(){
        return DB::table('locations')->get();
    }
}
```

3.6.6 App/Models/Nav_link.php

```php
<?php

namespace App\Models;

use Illuminate\Support\Facades\DB;
use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Nav_link extends Model
```

```
{
    protected $table = 'nav_link';
    public $timestamps = 'false';
    protected $primaryKey = 'id';
    use HasFactory;

    public function navbar(){
        return $this->belongsTo(Navbar::class);
    }
}
```

3.6.7 App/Models/Navbar.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;
use Illuminate\Support\Facades\DB;

class Navbar extends Model
{
    use HasFactory;

    protected $table = 'navbar';
    public $timestamps = 'false';
    protected $primaryKey = 'id';

    public function nav_link(){
        return $this->hasMany(Nav_link::class);
    }
}
```

3.6.8 App/Models/Product.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;
use Illuminate\Support\Facades\DB;
use Illuminate\Support\Facades\Storage;
use Illuminate\Support\Facades\Log;


class Product extends Model
{
    use HasFactory;

    protected $table = 'product';
    public $timestamps = 'false';
    protected $primaryKey = 'id';
```

```
    protected $fillable = ["pName","price", "volume", "pEngName", "pImg",
"cId"];


    public function categories(){
        return $this->belongsTo(Category::class, 'cId', 'id');
    }

    public static function uploadImage($image){
        Log::error($image);
        $path = Storage::disk('public')->putFile('assets/img/product',
$image);
        $exploded = explode('/', $path);
        return $exploded[count($exploded) - 1];
    }

    public static function deleteImage($image){
        Storage::disk('public')->delete('assets/img/product/' . $image);
    }

    public static function validate($request){
        $request->validate([
            'pName' => 'required|min:3|max:35',
            'price' => 'required|numeric',
            'pEngName' => 'required|min:3|max:35',
            'image' => 'required|image'
        ], [
            'required' => 'Polje :attribute je obavezno.',
            'pName.min' => 'Naziv mora imati više od :min karaktera.',
            'pName.max' => 'Naziv mora imati manje od :max karaktera.',
            'pEngName.min' => 'Englegski naziv mora imati više od :min
karaktera.',
            'pEngName.max' => 'Engleski naziv mora imati manje od :max
karaktera.',
            'numeric' => 'Polje :attribute mora biti broj.',
            'image.image' => 'Postavljeni fajl mora biti tipa image.'
        ]);
    }


    public function getFiltered($categories, $sortValue, $sortColumn,
$productName){
        $products = Product::with('categories');

        if(is_array($categories)){
/*            $products->whereHas('categories', function ($query)
use($categories){
                return $query->whereIn('id', $categories);
            });*/
            $products->whereIn('cId', $categories);
        }
        if($sortValue && $sortColumn){
            $products->orderBy($sortColumn,$sortValue);
        }

        if($productName){
            $products->where('pName', 'like', '%'.$productName.'%');
```

```
        }

        return $products;
    }
}
```

3.6.9 App/Models/Useractivity.php

```php
<?php


namespace App\Models;
use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Useractivity extends Model
{
    use HasFactory;

    protected $table = "useractivity";
    public $timestamps = 'false';
    const UPDATED_AT = null;
    const CREATED_AT = null;
    protected $primaryKey = 'id';

    protected $fillable  = ['activity', 'lDate', 'uId'];

    public function users(){
        return $this->belongsTo(Users::class, 'uId', 'id');
    }

    public function getFiltered($date)
    {
        $activities = Useractivity::with('users');

        if ($date){
            $activities->where('lDate', $date);
        }

        return $activities;
    }


}
```

3.6.10 App/Models/Users.php

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;
use Illuminate\Database\Query\Builder;
```

```php
class Users extends Model
{
    use HasFactory;

    protected $table = 'users';
    public $timestamps = 'false';
    protected $primaryKey = 'id';

    protected $fillable = ['uName', 'uEmail', 'uPass'];

    public function useractivity()
    {
        return $this->hasMany(Useractivity::class, 'id', 'uId');
    }

    public static function validateLogin($request)
    {
        $request->validate([
            'uEmail' => 'required|min:11|max:50',
            'uPass' => 'required|min:3|max:50'
        ], [
            'required' => 'Polje :attribute je obavezno.',
            'uEmail.min' => 'Email ne sme biti kraći od :min karaktera.',
            'uEmail.max' => 'Email ne sme biti duži od :max karaktera.',
            'uPass.min' => 'Lozinka ne sme biti kraća od :min karaktera.',
            'uPass.max' => 'Lozinka ne sme biti duža od :max karaktera.'
        ]);
    }

    public static function validateStore($request)
    {
        $request->validate([
            'uName' => 'required|min:3|max:15',
            'uEmail' => 'required|unique:users|min:11|max:50',
            'uPass' => 'required|min:3|max:50'

        ], [
            'required' => 'Polje :attribute je obavezno.',
            'unique' => 'Polje :attribute mora biti jedinstveno.',
            'uName.min' => 'Ime ne sme biti kraće od :min karaktera.',
            'uName.max' => 'Ime ne sme biti duže od :max karaktera.',
            'uEmail.min' => 'Email ne sme biti kraći od :min karaktera.',
            'uEmail.max' => 'Email ne sme biti duži od :max karaktera.',
            'uPass.min' => 'Lozinka ne sme biti kraća od :min karaktera.',
            'uPass.max' => 'Lozinka ne sme biti duža od :max karaktera.'
        ]);
    }

    public function getFiltered($sortValue, $sortColumn, $uName)
    {
        $users = Users::with('useractivity');

        if ($sortValue && $sortColumn) {
            $users->orderBy($sortColumn, $sortValue);
        }

        if ($uName) {
```

```
            $users->where('uName', 'like', '%' . $uName . '%');
        }

        return $users;
    }


    public function getUserId()
    {
        return $this->id;
    }

}
```

3.6.11 App/Models/

3.7 public

3.7.1 public/assets/css/style.css

```
*{
    margin: 0;
    padding: 0;
    text-decoration: none;
    list-style-type: none;
    box-sizing: border-box;
    font-family: 'Bebas Neue', cursive;
    /*font-family: 'Raleway', sans-serif;*/
    font-size: 18px;

}


body, .jumbotron{
    background-color: white;
    color: #4f361f;
}

a{
    color: #775847;
    text-decoration: none;

}
a:hover{
    color: #4f361f;
    text-decoration: none;
}

a .active{
    color: #372311 !important;
    font-weight: bold;
    text-decoration: none;
}
nav
{
```

```
    position: relative;
    overflow: auto;
}


.logo{
    width: 4%;
}

.navbar{
    margin-bottom: 0;
    border-radius: 0;
    /*background-color: rgba(21, 14, 2, 0.5);*/
    /*position: fixed;*/
    z-index: 1030;
    width: 100%;
}

.navbar-toggler-icon {
    background-image: url("data:image/svg+xml;charset=utf8,%3Csvg viewBox='0 0 32 32' xmlns='http://www.w3.org/2000/svg'%3E%3Cpath stroke='rgba(79, 54, 31, 0.5)' stroke-width='2' stroke-linecap='round' stroke-miterlimit='10' d='M4 8h24M4 16h24M4 24h24'/%3E%3C/svg%3E") !important;
}

.navbar-toggler {
    border-color: #775847 !important;
}

.btn-outline-secondary:hover, .list-group-item:hover{
    background-color: #775847 !important;
    border-color:  #4f361f;
    color: rgb(255, 255, 255) !important;
}
.btn-outline-secondary, .border-secondary{
    color: #6e4423;
    border-color: #775847;
}
.nav-link, .greska{
    color:#775847;
}
.nav-link:hover{
    color:#775847;
}

.nav-pills .active{
    background-color: rgb(255, 255, 255) !important;
    color: #412e1a !important;
    border-color: #4f361f !important;
}

.ispodMenija{
    padding-top: 10%;
}

.levo{
    float: left;
```

```
}
.desno{
    float: right;
}
#slide{
    background-image: url('../img/s5.jpg');
    background-repeat: no-repeat;
    padding-top: 0;
    width: 100%;
    background-size: 100%;

    display: block;
    position: static;
    background-position: center;
}

#image-inner {
    display: block;
    height: 0;
    padding-top: 40%;
}


.jumbotron{
    text-transform: uppercase;
    padding: 2% !important;
}

.pagination > li > a
{
    color: #6e4423;
    border-color: #6e4423;
}

.pagination > li > a:focus,
.pagination > li > a:hover,
.pagination > li > span:focus,
.pagination > li > span:hover
{
    background-color: #775847;
    border-color: #6e4423;
    color: rgb(255, 255, 255);
    box-shadow: unset;

}

.pagination > .active > a
{
    background-color: #6e4423;
    border-color: #6e4423;
    color: rgb(255, 255, 255);
}

.pagination > .active > a:hover
{
    color: #775847;
    border-color: #6e4423;
```

```
}

.page-item.active .page-link{
    background-color: #6e4423;
    border-color: #6e4423;
    color: rgb(255, 255, 255);
}

.page-item.active .page-link:hover{
    color: #775847;
    border-color: #6e4423;
}

.footer{
    height: 5%;
    background-image: url('../img/ftr.jpg');
    background-repeat: repeat-x;
    background-position: center;
    width: 100%;
}


.cleaner{
    clear: both;
}

.bg-secondary{
    background-color: #6e4423 !important;
}
```

3.7.2 public/assets/js/main.js

```
window.onload = function (){

    url=window.location.href+"/";

    if(url.indexOf("product")!= -1 || url.indexOf("admin/product")!= -1){

        console.log("usao u product ili  admin product")

        $(".page-link").click(showMore);
        $(".categories").click(sortAndFilter);
        $(".sort").click(sortAndFilter);
        $(document).on("click",".deleteProduct", deleteProduct);


        $(".search").keyup(search);


    }

    if(url.indexOf("admin/users")!= -1){

        console.log("usao u users")
```

```
        $(".page-link").click(showMoreUsers);
        $(".sort").click(sortAndFilterUsers);
        $(document).on("click",".deleteUser", deleteUser);


        $(".search").keyup(searchUsers);


    }

    if(url.indexOf("activity")!= -1){
        console.log("usao u activity")
        $(".page-link").click(showMoreActivities);
        $(".date").change(showActivitiesByDate);
        $(document).on("click",".deleteActivity", deleteActivity);
    }

};

/*****************************          AKTIVNOSTI
*********************************/

var dateOfActivity;
var page;

function showMoreActivities(e){
    e.preventDefault();
    page = this.innerText;
    getFilteredActivities(page, dateOfActivity);
    $(".deleteActivity").click(deleteActivity);
}

function showActivitiesByDate() {
    dateOfActivity = $(this).val();
    getFilteredActivities(1, dateOfActivity);
}

function getFilteredActivities(page, dateOfActivity){

    const caller = arguments.callee.caller.name;
    console.log(caller);
    $.ajax({
        url: "users/activity/1/filtered",
        method: "GET",
        data: {
            page, dateOfActivity
        },
        dataType: "JSON",
        success: function (response) {

            showActivitiesForAdmin(response.data);

            if(caller == 'showActivitiesByDate'){
                changePagination(response.last_page, response.current_page,
showMoreActivities);
            }
            if(caller == 'showMoreActivities'){
```

```
                changePagination(response.last_page, response.current_page,
showMoreActivities);
                changeActivePageLink(response.current_page);
            }
        },
        error: function (err, xhr, data){
            console.log(err);
            console.log(data);

        }
    });
}

function deleteActivity(){
    let id = $(this).val();
    let csrf = document.querySelector('meta[name="csrf-
token"]').getAttribute('content');


    $.ajax({
        url: "/users/activity/"+id,
        method: "POST",
        headers:{
            "Accept":"application/json"
        },
        data: {
            "_token": csrf,
            "_method": "DELETE"
        },
        success: function () {
            $("#a_id_"+id).remove();
            $(".greskaAdmin").html("<div class='alert alert-success my-
3'>Uspesno brisanje aktivnosti.</div>")
        },
        error: function (err, xhr, data){
            console.log(err);
            console.log(xhr);
            console.log(data);
            $(".greskaAdmin").html("<div class=\"alert alert-danger my-
3\">Doslo je do greske prilikom brisanja aktivnosti.</div>")
        }
    });
}

function showActivitiesForAdmin(products){
    let html = "";

    function ispisDatum(datum){
        d = new Date(datum);
        var dat = d.getDate();
        var mes = d.getMonth() + 1;
        var god = d.getFullYear();

        var s = d.getSeconds();
        var m = d.getMinutes();
        var h = d.getHours();
```

```
        var dateStr = dat + "." + mes + "." + god+"."+ " "+ h +":"+m +":"+ s;
        return dateStr;
    }
    for(let p of products) {
        html += `
        <tr id="a_id_${p.id}">
            <td>${p.id}</td>
            <td>${p.activity}</td>
            <td>${ispisDatum(p.lDate)}</td>
            <td>`;
        html+=`<input type="hidden" name="_token" value="${csrf}"/>
                    <button type="submit" class="btn btn-outline-secondary
deleteActivity" value="${p.id}">Obriši</button>`;
        html+=`</td>

        </tr>`;
    }
    $("#adminAktivnosti").html(html);
}

/*****************************          KORISNICI
**********************************/


var usrSortValue;
var usrSortColumn;
var uName;

function getFiltersForUsers(){
    usrSortValue = $("input[name='sort']:checked").val();
    usrSortColumn = $("input[name='sort']:checked").data('id');
}


function showMoreUsers(e){
    getFiltersForUsers();
    e.preventDefault();
    page = this.innerText;
    getFilteredUsers(page, usrSortValue , usrSortColumn, uName);
    $(".deleteUser").click(deleteUser);
}

function sortAndFilterUsers() {
    getFiltersForUsers();
    getFilteredUsers(1, usrSortValue , usrSortColumn, uName);
}

function searchUsers(){
    getFiltersForUsers();
    uName = $(this).val();
    getFilteredUsers(1 ,usrSortValue ,usrSortColumn, uName);
}

function getFilteredUsers(page, usrSortValue , usrSortColumn, uName){

    const caller = arguments.callee.caller.name; //koja funkcija je pozvala
    console.log(caller);
```

```
    $.ajax({
        url: "users/filtered",
        method: "GET",
        data: {
            page, usrSortValue , usrSortColumn, uName
        },
        dataType: "JSON",
        success: function (response) {

            showUsersForAdmin(response.data);

            if(caller == 'sortAndFilterUsers' || caller=='searchUsers'){
                changePagination(response.last_page, response.current_page,
showMoreUsers);
            }
            if(caller == 'showMoreUsers'){
                changePagination(response.last_page, response.current_page,
showMoreUsers);
                changeActivePageLink(response.current_page);
            }
        },
        error: function (err, xhr, data){
            console.log(err);
            console.log(data);

        }
    });
}

function deleteUser(){
    let id = $(this).val();
    let csrf = document.querySelector('meta[name="csrf-
token"]').getAttribute('content');


    $.ajax({
        url: "users/"+ id,
        method: "POST",
        headers:{
            "Accept":"application/json"
        },
        data: {
            "_token": csrf,
            "_method": "DELETE"
        },
        success: function () {
            $("#u_id_"+id).remove();
            $(".greskaAdmin").html("<div class='alert alert-success my-
3'>Uspesno brisanje korisnika.</div>")
        },
        error: function (err, xhr, data){
            console.log(err);
            console.log(xhr);
            console.log(data);
            $(".greskaAdmin").html("<div class=\"alert alert-danger my-
3\">Doslo je do greske prilikom brisanja korisnika.</div>")
        }
```

```
    });
}

function showUsersForAdmin(products){
    let html = "";

    function ispisDatum(datum){
        d = new Date(datum);
        var dat = d.getDate();
        var mes = d.getMonth() + 1;
        var god = d.getFullYear();

        var s = d.getSeconds();
        var m = d.getMinutes();
        var h = d.getHours();

        var dateStr = dat + "." + mes + "." + god+"."+ " "+ h +":"+m +":"+ s;
        return dateStr;
    }
    for(let p of products) {
        html += `
        <tr id="product_id_${p.id}">
            <td>${p.id}</td>
            <td>${p.uName}</td>
            <td>${p.uEmail}</td>
            <td>${p.uPass}</td>
            <td>${p.uStatus == 1 ? "Aktivan" : "Deaktiviran"}</td>
            <td>${ispisDatum(p.uRegistered)}</td>
            <td>${p.uAdmin == 1 ? "Da" : "Ne"}</td>


            <td colspan="2">
                <a href="users/${p.id}/activity" class="btn btn-outline-
secondary" role="button">Aktivnost</a>

            </td>
            <td colspan="">
                <a href="users/${p.id}/edit" class="btn btn-outline-
secondary" role="button">Izmeni</a>

            </td>
            <td>`;
        html+=`<input type="hidden" name="_token" value="${csrf}"/>
                    <button type="submit" class="btn btn-outline-secondary
deleteUser" value="${p.id}">Obriši</button>`;
        html+=`</td>

        </tr>`;
    }
    $("#adminKorisnici").html(html);
}



/*****************************          PROIZVODI
***********************************/
```

```
var categories = [];
var sortValue;
var sortColumn;
var productName;

function getFilters(){
    categories = [];
    sortValue = $("input[name='sort']:checked").val();
    sortColumn = $("input[name='sort']:checked").data('id');
    $.each($("input[name='categories']:checked"), function(){
        categories.push($(this).val());
    });
}

function showMore(e){
    getFilters();
    e.preventDefault();
    page = this.innerText;
    getFiltered(page,categories,sortValue, sortColumn, productName);
    $(".deleteProduct").click(deleteProduct);
}

function sortAndFilter() {
    getFilters();
    getFiltered(1, categories,sortValue, sortColumn, productName);
}

function search(){
    getFilters();
    productName = $(this).val();
    getFiltered(1 ,categories,sortValue, sortColumn, productName);
}

function getFiltered(page, categories, sortValue, sortColumn, productName){

    const caller = arguments.callee.caller.name; //koja funkcija je pozvala
    console.log(caller);
    $.ajax({
        url: "product/filtered",
        method: "GET",
        data: {
            page, categories, sortValue, sortColumn, productName
        },
        dataType: "JSON",
        success: function (response) {

            showProducts(response.data);
            showProductsForAdmin(response.data);

            if(caller == 'sortAndFilter' || caller=='search'){
                changePagination(response.last_page, response.current_page,
showMore); // ovde umesto show more stavis show more users/activity
                //changeActivePageLink(response.current_page); razmisljam sta
je jos trebalo da zapisem
                //odvoj kod
```

```
            }
            if(caller == 'showMore'){
                changePagination(response.last_page, response.current_page,
showMore);
                changeActivePageLink(response.current_page);
            }
        },
        error: function (err, xhr, data){
            console.log(err);
            console.log(data);

        }
    });
}

function deleteProduct(){
    let id = $(this).val();
    let csrf = document.querySelector('meta[name="csrf-
token"]').getAttribute('content');


    $.ajax({
        url: "products/"+ id,
        method: "POST",
        headers:{
        "Accept":"application/json"
        },
        data: {
            "_token": csrf,
            "_method": "DELETE"
        },
        success: function () {
            $("#product_id_"+id).remove();
            $(".greskaAdmin").html("<div class='alert alert-success my-
3'>Uspesno brisanje proizvoda.</div>")
        },
        error: function (err, xhr, data){
            console.log(err);
            console.log(xhr);
            console.log(data);
            $(".greskaAdmin").html("<div class=\"alert alert-danger my-
3\">Doslo je do greske prilikom brisanja proizvoda.</div>")
        }
    });
}


function changePagination(totalLinks, currentPage, onClick){
    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(onClick);
}

function changeActivePageLink(currentPage){
    $('.page-item').removeClass('active');
    $('#link' + currentPage).parent().addClass('active');
}



function showProducts(products){
    let html = "";
    for(let product of products) {
        html += `
            <div class="col-lg-4 col-md-6 my-4">
                <div class="card h-100">
                  <a href="product/${product.id}"><img class="card-img-top"
src="`;

        if(product.pImg != null){
            html+=`assets/img/product/${product.pImg}`;
        }else{
            html+=`assets/img/default.jpg`;
        }

            html+=`" alt="${product.pName}"></a>
                  <div class="card-body">
                    <h4 class="card-title">
                      <a href="product/${product.id}">${product.pName}</a>
                      <p class="card-text"><small class="text-
muted">${product.pEngName}</small></p>
                    </h4>
                    <h5>${product.price} din.</h5>
                    </div>
                    </div>
                </div>`;
    }
    $("#proizvodi").html(html);
}

let csrf = document.querySelector('meta[name="csrf-
token"]').getAttribute('content');

function showProductsForAdmin(products){
    let html = "";
    for(let p of products) {
        html += `
        <tr id="product_id_${p.id}">
            <td>${p.id}</td>
            <td>${p.pName}</td>
            <td>${p.pEngName}</td>
            <td>${p.price} din.</td>
            <td>${p.categories.cName}</td>
```

```
            <td colspan="1">
                <a href="products/${p.id}/edit" class="btn btn-outline-
secondary" role="button">Izmeni</a>

            </td>
            <td>`;
                html+=`<input type="hidden" name="_token" value="${csrf}"/>
                    <button type="submit" class="btn btn-outline-secondary
deleteProduct" value="${p.id}">Obriši</button>`;
/*                  </form>*/
            html+=`</td>

        </tr>`;
    }
    $("#adminProizvodi").html(html);
}
```

3.8 resources/views/layouts

3.8.1 resources/views/layouts/layout.blade.php

```
<!DOCTYPE html>
<html lang="en">
    @include('fixed.head')
<body>
<div class="wrapper">
    @include('fixed.nav')
    @yield('slider')
    <div class="container">
        @include('fixed.message')
        @yield('content')
    </div>
    @include('fixed.footer')
    @include('fixed.scripts')
</div>
</body>

</html>
```

3.8.2 resources/views/layouts/admin.blade.php

```
<!DOCTYPE html>
<html lang="en">
@include('fixed.head')
<body>
<div class="wrapper">

    @include('fixed.nav')
    @if(session()->has("admin"))
        @php $rola = "admin"; @endphp
        @if(request()->routeIs('user'))
            <div class="container">
                <div class="row">
                    @include('fixed.message')
                    @yield('content')
                </div>
```

```
            </div>

        @else
            @include('fixed.adminPageLinks')
            <div class="container">
                <div class="row">
                    @include('fixed.message')
                    @yield('content')
                </div>
            </div>
        @endif

    @elseif(session()->has("user"))
        @php $rola = "user"; @endphp

        <div class="container">
            <div class="row">
                @include('fixed.message')
                @yield('content')
            </div>
        </div>

    @elseif(!session()->has("user") && !session()->has("admin"))
        <div class="container">
            <div class="row">
                @include('fixed.404')
            </div>
        </div>

    @endif
        @include('fixed.footer')
        @include('fixed.scripts')

</div>
</body>

</html>
```

3.9 resources/views/fixed

3.9.1 resources/views/fixed/404.blade.php

```
<div class="container padding">
    <div class="row text-center my-3">
        <img src="{{asset("assets/img/404.png")}}" alt="404" class="img-fluid
mx-auto d-block"/>
    </div>
</div>
```

3.9.2 resources/views/fixed/adminPageLinks.blade.php

```
<ul class="nav nav-tabs">
    <?php

    foreach($adminPageLinks as $h):
    ?>
```

```
    <li class="nav-item">
        <a class="nav-link {{request()->routeIs($h->nav_href) ? 'active' :
''}}" href="{{route($h->nav_href)}}">{{$h->nav_link}}</a>
    </li>
    <?php endforeach; ?>
</ul>
```

3.9.3 resources/views/fixed/footer.blade.php

```
<!-- Footer -->
<footer class="py-5 footer">
    <div class="container">
        <p class="m-0 text-center"><a href="{{route('autor')}}">Copyright
&copy; KAFICOMIKA 2021</a></p>
    </div>
    <div class="modal fade" id="modalLRForm" tabindex="-1" role="dialog"
aria-labelledby="myModalLabel" aria-hidden="true">
        <div class="modal-dialog cascading-modal" role="document">
            <div class="modal-content">
                <div class="modal-c-tabs">
                    <ul class="nav nav-tabs md-tabs tabs-2" role="tablist">
                        <li class="nav-item">
                            <a class="nav-link active" data-toggle="tab"
href="#panel7" role="tab"><i class="fas fa-user mr-1"></i>
                                Prijava</a>
                        </li>
                        <li class="nav-item">
                            <a class="nav-link" data-toggle="tab"
href="#panel8" role="tab"><i class="fas fa-user-plus mr-1"></i>
                                Registracija</a>
                        </li>
                    </ul>
                    <div class="tab-content">

                        <!----------------------------------------- LOG IN
PANEL ----------------------------------------->
                        <div class="tab-pane fade in show active" id="panel7"
role="tabpanel">

                            <!----------------------------------------- LOG IN
FORMA ----------------------------------------->
                            <form action="{{route('login')}}" method="POST">
                                @csrf
                                <div class="modal-body mb-1">
                                    <div class="md-form form-sm mb-4">
                                        <i class="fas fa-envelope
prefix"></i>
                                        <input name="uEmail" type="email"
id="modalLRInput10" class="form-control form-control-sm validate">
                                        <label data-error="wrong" data-
success="right" for="modalLRInput10">Tvoj email</label>
                                    </div>

                                    <div class="md-form form-sm mb-4">
                                        <i class="fas fa-lock prefix"></i>
                                        <input name="uPass" type="password"
```

```
id="modalLRInput11" class="form-control form-control-sm validate">
                                        <label data-error="wrong" data-
success="right" for="modalLRInput11">Tvoja lozinka</label>
                                    </div>
                                    @if($errors->any())
                                        <div class="alert alert-danger my-3">
                                            @foreach ($errors->all() as
$error)
                                                {{ $error }}<br/>
                                            @endforeach
                                        </div>
                                    @endif
                                    <div class="text-center mt-2">
                                        <input type="hidden"
name="prijavljen">
                                        <button class="btn btn-outline-
secondary">Prijavi se</button>
                                    </div>
                                </div>
                            </form>
                            <div class="modal-footer">
                                <div class="options text-center text-md-right
mt-1">
                                    <p>Zaboravio/la si <a
href="?page=Kontakt" class="crveni-text">lozinku?</a></p>
                                </div>
                                <button type="button" class="btn btn-outline-
secondary" data-dismiss="modal">Zatvori</button>
                            </div>
                        </div>

                        <!----------------------------------------
REGISTRACIJA PANEL ---------------------------------------->
                        <div class="tab-pane fade" id="panel8"
role="tabpanel">

                            <!----------------------------------------
REGISTRACIJA FORMA ---------------------------------------->
                            <form action="{{route('register')}}"
method="POST">
                                @csrf
                                <div class="modal-body">
                                    <div class="md-form form-sm mb-4">
                                        <i class="fas fa-envelope
prefix"></i>
                                        <label data-error="wrong" data-
success="right" for="modalLRInput12">Tvoj email</label>
                                        <input name="uEmail" type="email"
id="mailRegistracija modalLRInput12" class="form-control form-control-sm
validate">
                                        <small id="greskaMail" class="greska
form-text"></small>
                                    </div>

                                    <div class="md-form form-sm mb-4">
                                        <i class="fas fa-lock prefix"></i>
                                        <label data-error="wrong" data-
```

```
success="right" for="modalLRInput13">Tvoja lozinka</label>
                                        <input name="uPass" type="password"
id="passRegistracija modalLRInput13" class="form-control form-control-sm
validate">
                                        <small id="passwordHelpBlock"
class="form-text text-muted">Lozinka mora imati bar 4 karaktera i
broj.</small>
                                        <small id="greskaPass" class="greska
form-text"></small>
                                    </div>

                                    <div class="md-form form-sm mb-4">
                                        <i class="fas fa-lock prefix"></i>
                                        <label data-error="wrong" data-
success="right" for="modalLRInput14">Tvoje korisničko ime</label>
                                        <input name="uName" type="text"
id="userRegistracija modalLRInput14" class="form-control form-control-sm
validate">
                                        <small id="greskaUsr" class="greska
form-text"></small>
                                    </div>

                                    @if($errors->any())
                                        <div class="alert alert-danger my-3">
                                            @foreach ($errors->all() as
$error)
                                                {{ $error }}<br/>
                                            @endforeach
                                        </div>
                                    @endif

                                    <div class="text-center form-sm mt-2">
                                        <input type="hidden"
name="registrovanje">
                                        <input type="submit" class="btn btn-
outline-secondary" value="Registruj se">
                                    </div>

                                </div>
                            </form>

                            <div class="modal-footer">
                                <button type="button" class="btn btn-outline-
secondary" data-dismiss="modal">Zatvori</button>
                            </div>
                        </div>
                        <!----------------------------------------
REGISTRACIJA KRAJ PANELA ---------------------------------------->
                    </div>
                </div>
            </div>
        </div>
    </div>
    <div class="cleaner">

    </div>
```

```
    <!-- /.container -->
</footer>
```

3.9.4 resources/views/fixed/head.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="csrf-token" content="{{ csrf_token() }}">

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

    <!-- Bootstrap core CSS -->

    <!-- Custom styles for this template -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-
beta1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
giJF6kkoqNQ00vy+HMDP7azOuL0xtbfIcaT9wjKHr8RbDVddVHyTfAAsrekwKmP1"
crossorigin="anonymous">
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.cs
s" integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
select@1.13.14/dist/css/bootstrap-select.min.css">
    <link rel="stylesheet" href="{{asset('assets/css/style.css')}}"
type="text/css">
    <link rel="preconnect" href="https://fonts.gstatic.com">
    <link
href="https://fonts.googleapis.com/css2?family=Bebas+Neue&display=swap"
rel="stylesheet">
    <link rel="shortcut icon" href="{{asset('assets/img/logo/logo.png')}}"
class="logo">

</head>
```

3.9.5 resources/views/fixed/message.blade.php

```
<div class="greskaAdmin">
    @if(session()->has('success'))
        <div class="alert alert-success my-3">
            {{session()->get('success')}}
        </div>
    @endif

    @if(session()->has('error'))
        <div class="alert alert-danger my-3">
            {{session()->get('error')}}
        </div>
    @endif
</div>
```

3.9.6 resources/views/fixed/nav.blade.php

```
<div id="header">
    <nav class="navbar navbar-expand-lg">
        <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#navbarTogglerDemo03" aria-controls="navbarTogglerDemo03" aria-
expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <a class="navbar-brand" href="{{route('home')}}">K A F I C O M I K
A</a>

        <div class="collapse navbar-collapse" id="navbarTogglerDemo03">
            <ul class="navbar-nav mr-auto mt-2 mt-lg-0">

                @foreach($linkovi as $link)
                <li class="nav-item nav-pills">
                    <a class="nav-link {{request()->routeIs($link->nav href)
? 'active' : ''}}" href="{{route($link->nav_href)}}">{{$link->nav_link}}</a>
                </li>
                @endforeach
                @if(session()->has("admin"))
                @foreach($adminLink as $l)
                <li class="nav-item">
                    <a class="nav-link {{request()->routeIs($l->nav_href) ?
'active' : ''}}" href="{{route($l->nav_href)}}">{{$l->nav_link}}<span
class="sr-only">(current)</span></a>
                </li>
                @endforeach
                @endif

            </ul>
            <ul class="nav navbar-nav ml-auto levo">
                @if(session()->has("user") || session()->has("admin"))
                <li><a href="{{route("user")}}" class="nav-link nav-
pills">{{session("user") ? session("user")->uName : session("admin")-
>uName}}</a></li>
                <li><a href="{{route("logout")}}" class="nav-link nav-pills">
Odjava</a></li>
                @endif

                @if(!session()->has("user") && !session()->has("admin"))
                <li>
                    <a class="nav-link" href="#" data-toggle="modal" data-
target="#modalLRForm">Prijava<span class="sr-only"></span></a>
                </li>
                @endif
            </ul>
        </div>
    </nav>
</div>
```

3.9.7 resources/views/fixed/scripts.blade.php

```
<script src="https://code.jquery.com/jquery-3.1.1.min.js">
    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
integrity="sha384-
q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.j
s" integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap-
select@1.13.14/dist/js/bootstrap-select.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-
beta1/dist/js/bootstrap.bundle.min.js" integrity="sha384-
ygbV9kiqUc6oa4msXn9868pTtWMgiQaeYH7/t7LECLbyPA2x65Kgf80OJFdroafW"
crossorigin="anonymous"></script>
<script type="text/javascript" src="{{asset('assets/js/main.js')}}"></script>
```

3.10 resources/views/partials

3.10.1 resources/views/fixed/product.blade.php

```
    <div class="col-lg-4 col-md-6 my-4">
        <div class="card h-100">
            <a href="{{route('product.show', [$p->id])}}"><img class="card-
img-top" src="{{$p->pImg ? asset('assets/img/product/' . $p->pImg) :
asset('assets/img/default.jpg')}}" alt="{{$p->pName}}"></a>
            <div class="card-body">
                <h4 class="card-title">
                    <a href="{{route('product.show', [$p->id])}}">{{$p-
>pName}}</a>
                    <p class="card-text"><small class="text-muted">{{$p-
>pEngName}}</small></p>
                </h4>
                <h5>{{$p->price}} din.</h5>
            </div>

        </div>
    </div>
```

3.11 resources/views/pages

3.11.1 resources/views/pages/autor.blade.php

```
@extends("layouts.layout")
@section("content")
<div class="container">
```

```
    <div class="row justify-content-center col-md-12 text-center my-3">
        <div class="row">

        <?php
        foreach($autor as $a):
        ?>
        <div class="col-md-12">
            <h5 class="card-title">{{$a->naslov}}</h5>
            <img src="{{asset("assets/img/".$a->slika)}}" class="img-fluid w-
50" alt="{{$a->naslov}}">
        </div>
        <div class="col-md-12">
            <div class="card-body my-3">

                <p>
                    {{$a->opis}}
                </p>
            </div>
            <div class="row text-center padding">
                <div class="col-md-4 social padding"><a
href="https://www.instagram.com/comikomakeup/"><i class="fa fa-
instagram"></i></a></div>
                <div class="col-md-4 social padding"><a
href="https://www.facebook.com"><i class="fab fa-facebook"></i></a></div>
                <div class="col-md-4 social padding"><a
href="https://www.tumblr.com"><i class="fab fa-tumblr"></i></a></div>
            </div>
            <div>
                <a href="{{$a->dokumentacija}}" class="btn btn-outline-
secondary">Dokumentacija</a>
            </div>
        </div>
        <?php
        endforeach;
        ?>
        </div>
    </div>
</div>
    @endsection
```

3.11.2 resources/views/pages/