# AKADEMIJA TEHNIČKO UMETNIČKIH STRUKOVNIH STUDIJA

# VISOKA ŠKOLA STRUKOVNIH STUDIJA ZA INFORMACIONE I KOMUNIKACIONE TEHNOLOGIJE

#### INTERNET TEHNOLOGIJE

# Web aplikacija za potrebe kozmetičkog salona "Špela beauty"

# WEB APLIKACIJA U LARAVEL FRAMEWORKU

Završni rad

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Predmet: Web programiranje PHP2 Tema: <b>Web aplikacija za potrebe kozmetičkog salona "Špe</b>	ela beauty"
	Ocena ()
	Članovi komisije:

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#### 1. UVOD

Web aplikacija koja je napravljena za potrebe kozmetičkog salona "Špela beauty" kreiranea je prvenstveno sa ciljem prezentacije ponude kozmetičkog salona ali i radi realizovanja još nekoliko funkcionalnosti. Cela aplikacija je podeljena na nekoliko segmenata koji su podeljeni po ulogama korisnika i samim tim po određenim ovlašćenjima.

Korisnički segment obuhvata prezentaciju i opis dostupnih tretmana u salonu, lokaciju i mogućnost pronalaska lokacije na google mapi, kao i pristup stranicama kozmetičkog salona na društvenim mrežama. Takođe, u ovom segmentu korisnik je u mogućnosti da uradi pregled i pretragu bloga, kao i da zakaže tretman u salonu u nekom od dostupnih termina.

Segment za blogera obuhvata prikaz i pretragu bloga onako kako ga obični korisnik može videti. Na stranici za blogera moguće je uraditi unos novog bloga, izmeniti postojeći, uradi pretragu svih blogova po datumu postavljanja, ali i da se deaktivira ili obriše postojeći.

Segment koji se odnosi na zaposlenog omogućava zakazivanje tretmana u nekom od dostupnih termina, pregled zakazanih termina i njihovu pretragu po datumu, kao i prikaz otkazanih termina i njihovu pretragu po datumu. Ovde je zakazane termine moguće izmeniti i otkazati.

Segment koji se odnosi na admnistratora predstavlja administratorski panel na kojem je moguće upravljati sadržajem sajta. Sadržaj koji se može menjati tiče se mogućnosti pregleda, kreiranja, izmene i deaktiviranja ili brisanja tipa tretmana kojem određeni tretman pripada, samog tretmana, korisnika, slike slajdera, bloga, zakazanih i otkazanih termina kao i podataka o kozmetičkom salonu. Ovde je moguće uraditi i pretragu po datumu kod sadržaja kao što su blog kao i zakazanih i otkazanih termina.

Cilj web aplikacije je kako prezentacija kozmetičkog salona tako i lakše upravljanje sadržajem sajta, kao i mogućnost nekog oblika davanja osnovnih saveta korisnicima salona putem bloga i mogućnost zakazivanja tretmana u salonu.

# 2. RADNO OKRUŽENJE

U toku izrade sajta korišćeno je razvojno okruženje:

• Php Storm

Programski jezici koji su korišćeni za izradu aplikacije:

- HTML5
- CSS
- Bootstrap v4.3.1
- PHP Framework Laravel
- JavaScript
- jQuery

### Baza podataka:

• MySql

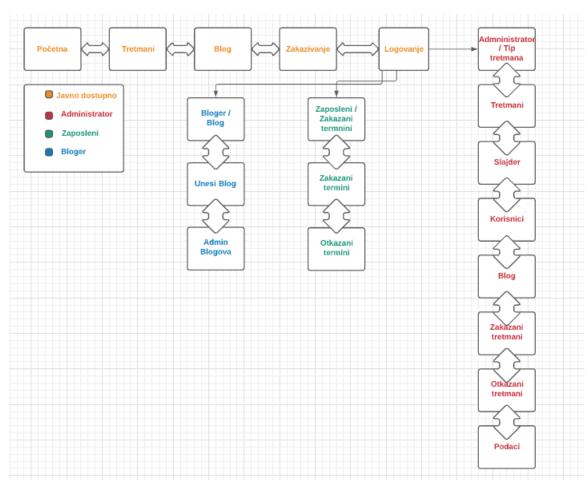
Biblioteke korišćeme za izradu sajta:

- bootstrap.min.css
- font-awesome.min.css
- jquery-1.12.1.min.js

### 3. ORGANIZACIJA

### 3.1 Blok šema

Na slici 1. prikazana je organizaciona šema stranica web aplikacije. Imena stranica predstavljaju imena kontrolera u MVC strukturi. Organizovano je tako da svaka strana može da vodi na svaku stranu, dok na stranicu admin mogu da udje samo admin, jer se na toj strani vrši import csv-a.

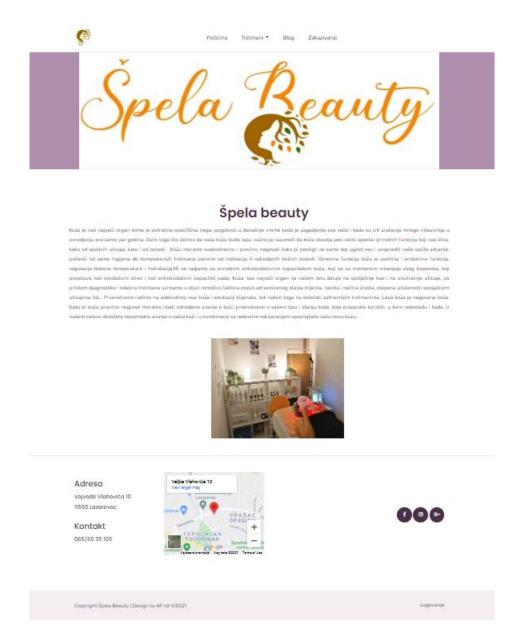


Slika 1 – Organizaciona struktura sajta

### 3.2 Stranice

### 3.2.1 Početna

Na slici 2. prikazana je indeks stranica koja predstavlja početnu stranicu na kojoj je moguće dobiti kratak opis salona "Špela beauty", videti adresu salona, istu naći na google mapi, kao I uraditi logovanje.



Slika 2 – Početna stranica

### 3.2.2 Tretmani

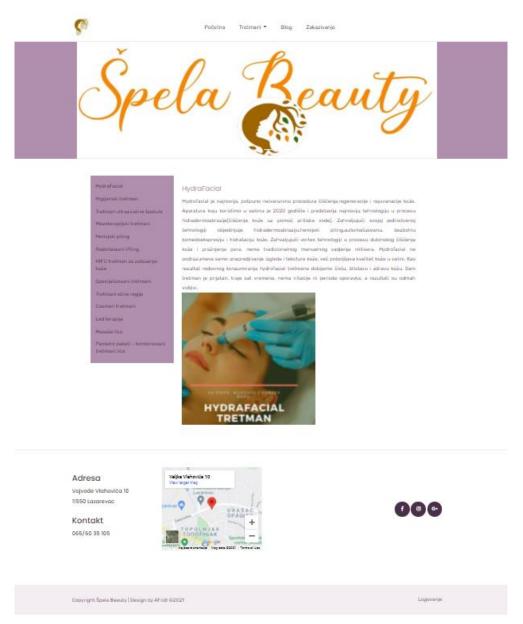
Na slici 3. se nalaze pregledi tretmana. Moguće je u navigacionom meniju odabrati tip tretmana i na osnovu toga se desava prikaz tretmana. Na ovoj stranici je moguće pregledati sve tretmane po odabranu tipu tretmana, ali i san je otići na prikaz pojašnjenja pojedinačnog tretmana.



Slika 3 – Tretmani

# 3.2.3 Opis tretmana

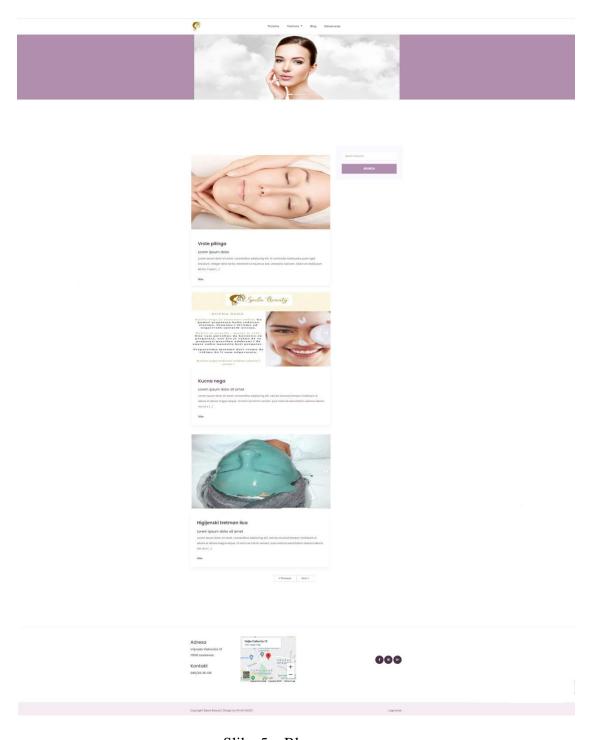
Slika 4. Prikazuje izgled stranice na kojoj se nalazi opis odabranog tretmana.



Slika 4 – Opis tretmana

# **3.2.4 Blog**

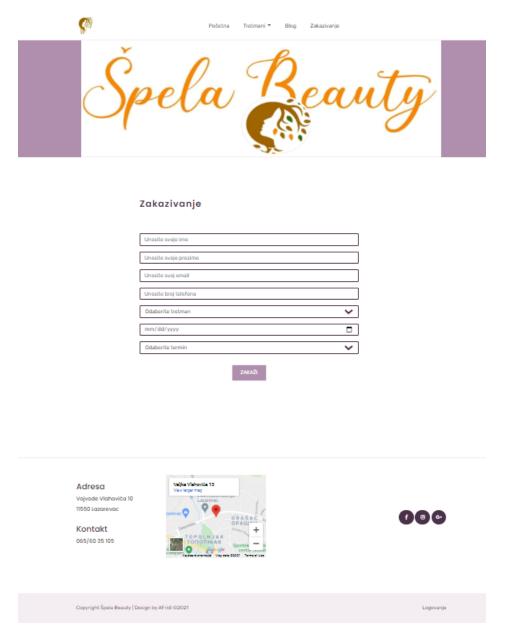
Slika 5. je stranica za prikaz svih blogova. Na ovoj stranici moguće je uraditi I pretragu blogova po ključnoj reči.



Slika 5 - Blog

# 3.2.5 Zakazivanje

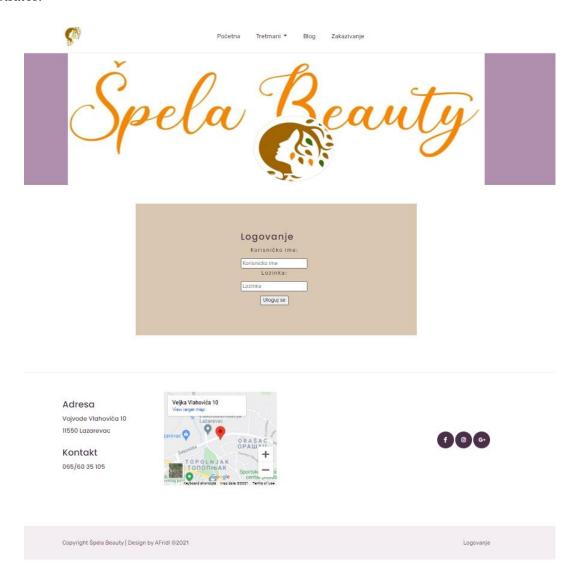
Slika 6 je stranica za zakazivanje tretmana u nekom od dostupnih termina.



Slika 6 – Zakazivanje

# 3.2.6 Logovanje

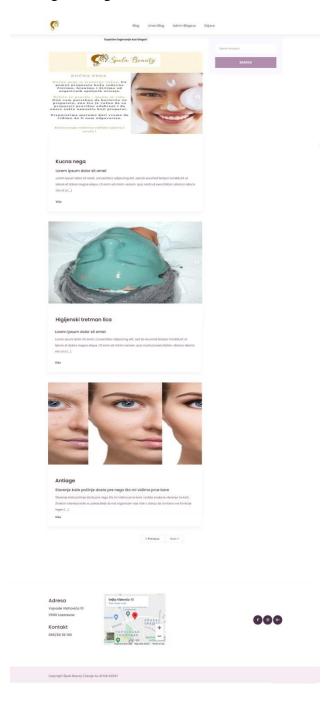
Na slici 7 nalazi se login forma za logovanje. Moguće je ulogovati se kao bloger, zaposleni ili administrator.



Slika 7 Login forma

# 3.2.7 Bloger - Blog

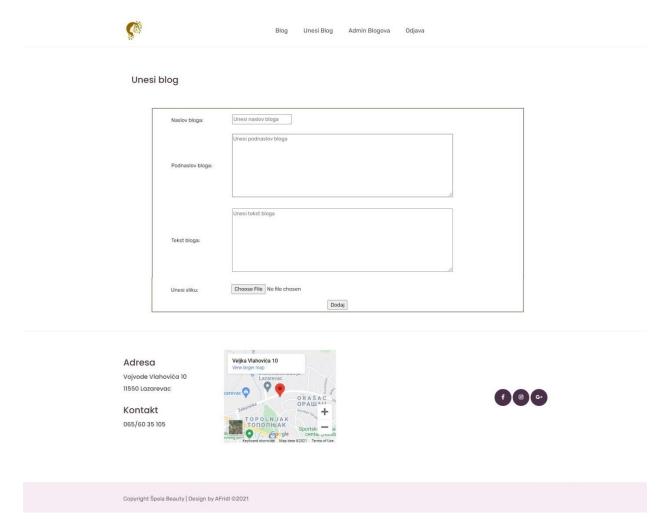
Na slici 8 nalazi se prikaz svih blogova gde je moguće uraditi i pretragu blogova po ključnoj reči za ulogovanog korisnika sa ulogom blog.



Slika 8 – Bloger – Blog

# 3.2.8 Bloger - Unesi Blog

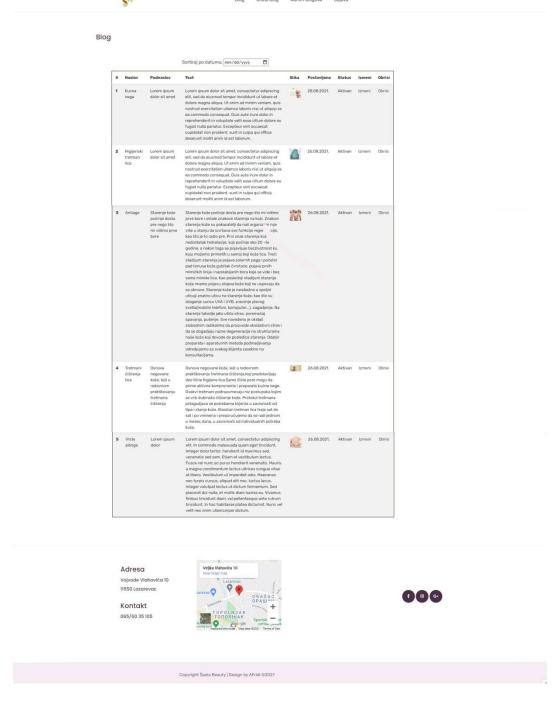
Na slici 9 nalazi se forma za unos bloga za ulogovanog korisnika sa ulogom blog.



Slika 9 – Bloger – Unesi Blog

# 3.2.9 Bloger - Admin Blogova

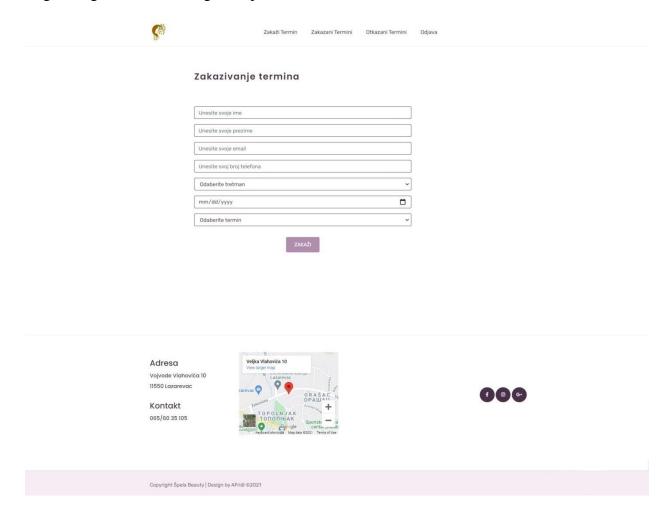
Na slici 10 nalazi se pregled svih blogova u formi tabele za ulogovanog korisnika sa ulogom blog. Ovde je moguće izmeniti postojeći blog, kao i deaktivirati tj. promeniti mu status ili ga obrisati. Takođe moguće je uraditi i pretragu bloga po odabranom datumu.



Slika 10 – Bloger – Admin Blogova

# 3.2.10 Zaposleni - Zakaži termin

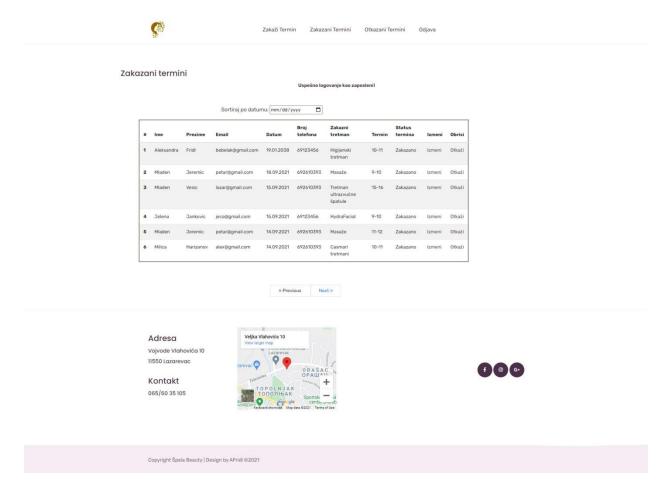
Na slici 11 nalazi se forma za zakazivanje tretmana u nekom od dostupnih termina za ulogovanog korisnika sa ulogom zaposleni.



Slika 11-Zaposleni-Zakaži termin

### 3.2.11 Zaposleni - Zakazani Termini

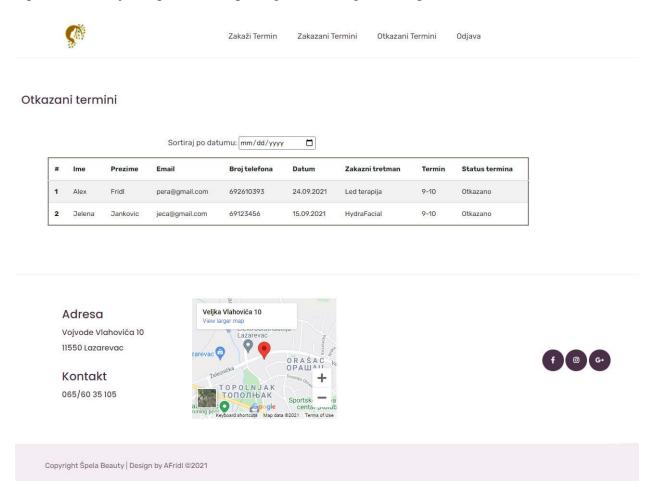
Na slici 12 nalazi se tabelarni prikaz zakazanih termina za ulogovanog korisnika sa ulogom zaposleni. Ovde je moguće uraditi izmenu zakazanog termina, otkazivanje zakazanog termina, kao i pretragu zakazanog termina po datumu.



Slika 12 – Zaposleni – Zakazani termini

# 3.2.12 Zaposleni - Otkazani Termini

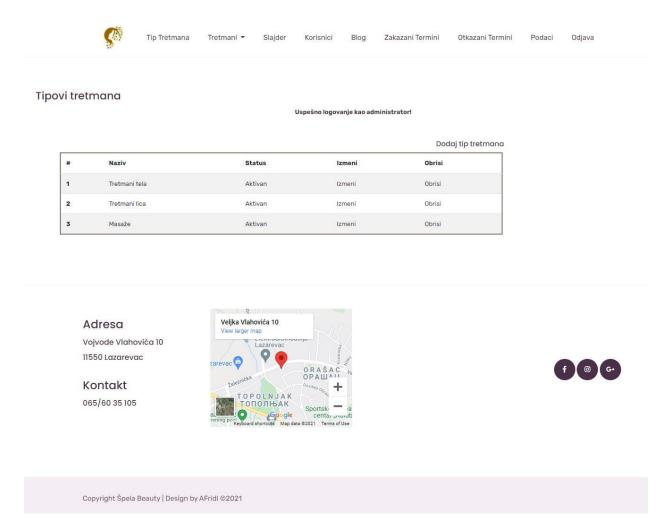
Na slici 13 nalazi se tabelarni prikaz otkazanih termina za ulogovanog korisnika sa ulogom zaposleni. Ovde je moguće uraditi pretragu zakazanog termina po datumu.



Slika 13 – Zaposleni – Otkazani termini

### 3.2.13 Administrator - Tip Tretmana

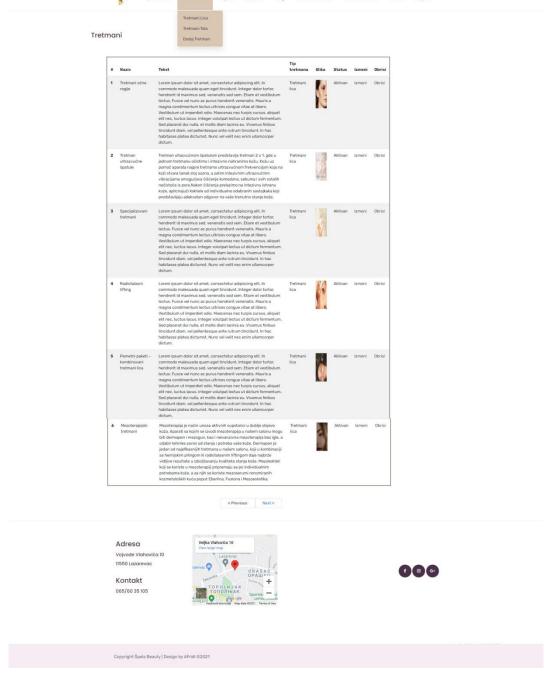
Na slici 14 nalazi se tabelarni prikaz postojećih Tipova tretmana za ulogovanog korisnika sa ulogom administrator. Ovde je moguće uraditi dodavanje novog tipa tretmana, izmenu postojećeg tipa tretmana, deaktiviranje postojećeg tipa tretmana ili brisanje deaktiviranog tipa tretmana.



Slika 14 – Administrator – Tip tretmana

### 3.2.14 Administrator - Tretmani

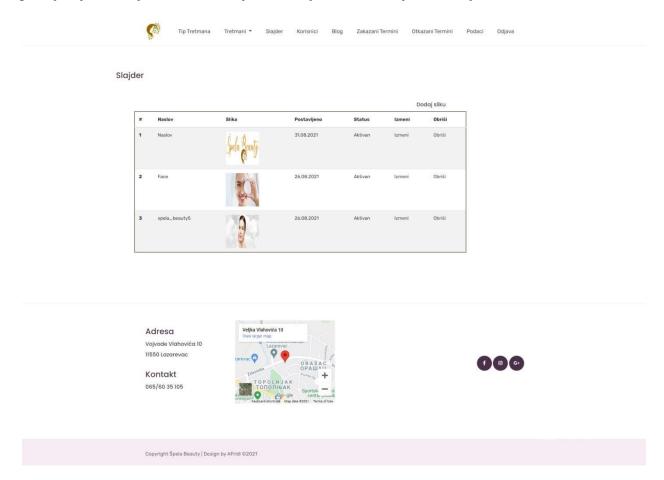
Na slici 15 nalazi se tabelarni prikaz postojećih Tretmana soritarnih po tipu tretmana za ulogovanog korisnika sa ulogom administrator. Ovde je moguće uraditi dodavanje novog tretmana, izmenu postojećeg tretmana, deaktiviranje postojećeg tretmana ili brisanje deaktiviranog tretmana.



Slika 15 – Administrator – Tretmani

# 3.2.15 Administrator - Slajder

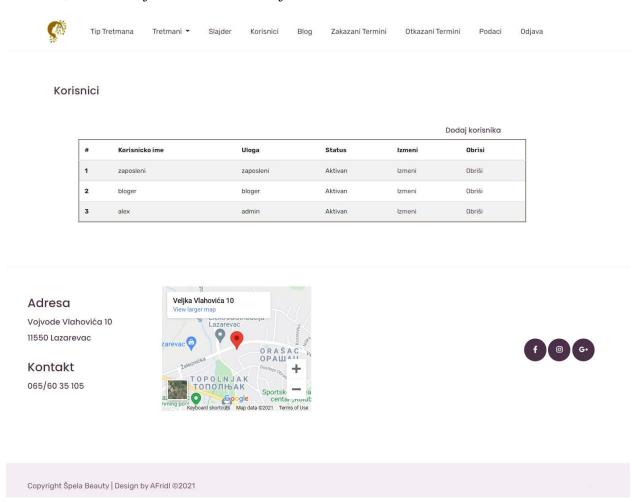
Na slici 16 nalazi se tabelarni prikaz slika slajder za ulogovanog korisnika sa ulogom administrator. Ovde je moguće uraditi dodavanje nove slike za slajder, izmenu podataka o već postojećoj slici slajder, deaktiviranje slike slajdera ili brisanje slike slajdera.



Slika 16 – Administrator – Slajder

### 3.2.16 Administrator - Korisnici

Na slici 17 nalazi se tabelarni prikaz svih korisnika koji se loguju na aplikaciju sa određenom ulogom. Ovde je moguće uraditi dodavanje novog korisnika, izmenu podataka o postojećem korisniku, deaktiviranje korisnika ili brisanje korisnika.



Slika 17 – Administrator – Korisnici

# 3.2.17 Administrator - Blog

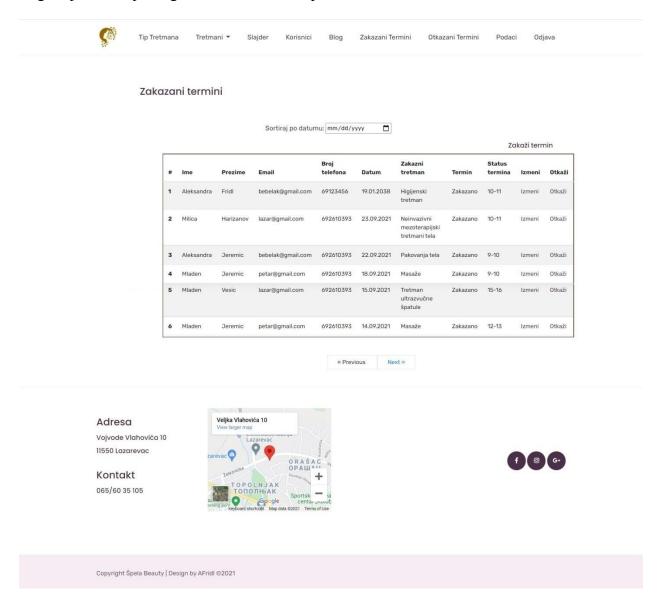
Na slici 18 nalazi se tabelarni prikaz svih blogova za ulogovanog korisnika sa ulogom administrator. Ovde je moguće uraditi dodavanje novog bloga izmenu podataka bloga, deaktiviranje bloga ili brisanje bloga. Takođe, moguće je uraditi pretragu bloga po odabranom datumu.



Slika 18 – Administrator – Blog

#### 3.2.18 Administrator - Zakazani Termini

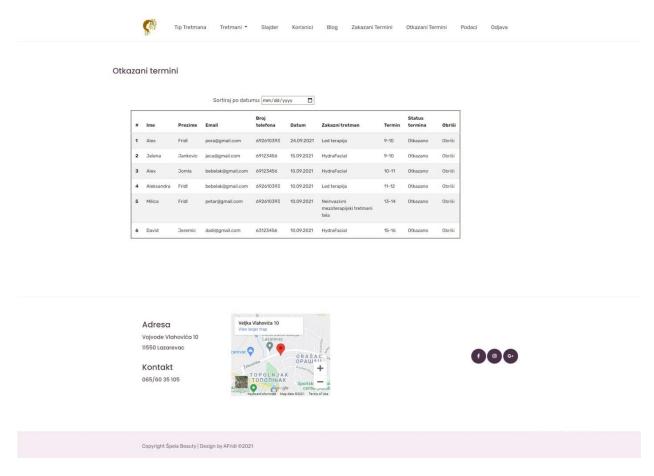
Na slici 19 nalazi se tabelarni prikaz svih zakazanih termina za ulogovanog korisnika sa ulogom administrator. Ovde je moguće uraditi zakazivanje novog termina, izmenu podataka već zakazanog termina, otkazivanje zakazanog termina ili brisanje zakazanog termina. Takođe, moguće je uraditi pretragu zakazanih termina po odabranom datumu.



Slika 19 – Administrator – Zakazani termini

### 3.2.19 Administrator - Otkazani Termini

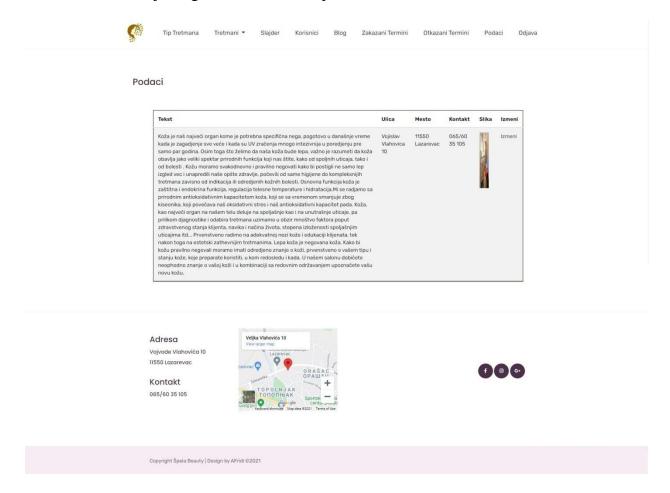
Na slici 20 nalazi se tabelarni prikaz svih otkazanih termina za ulogovanog korisnika sa ulogom administrator. Ovde je moguće uraditi brisanje zakazanog termina. Takođe, moguće je uraditi pretragu otkazanih termina po odabranom datumu.



Slika 20 – Administrator – Otkazani termini

### 3.2.20 Administrator - Podaci

Na slici 20 nalazi se prikaz osnovnih podataka o salonu za ulogovanog korisnika sa ulogom administrator. Ovde je moguće uraditi izmenu podataka o salonu.



Slika 20 – Administrator – Podaci

#### 4. KODOVI

#### 4.1. Controllers

### 4.1.1. app/Http/Controllers/BackendController.php

```
use App\Models\Korisnik;
use App\Models\Podaci;
use App\Models\TipTretmana;
   public function adminPanel_podaci() {
           $this->data['podaci'] = $podaci->getAll();
   public function adminPanel podaci update($id)
   public function doAdminPanel podaci update($id, Request $request) {
            $tekst = $request->input('text');
```

```
\Log::error("Greska:" . $ex->getMessage());
```

```
}
public function adminPanel_podaci_delete($id) {
    $podaci = new Podaci();
    $podaci->id = $id;
    try{
        $podaci->deleteOne($id);
        return redirect()->route('adminPanel_podaci')->with('poruka','Uspešno');
}
catch(\Exception $ex) {
    \Log::error("Greska:" .$ex->getMessage());
}
}
```

### 4.1.2. app/Http/Controllers/BaseFrontendController.php

### 4.1.3. app/Http/Controllers/BlogBackendController.php

```
<?php
namespace App\Http\Controllers;
use App\Models\Blog;</pre>
```

```
ase App\Http\Requests\BlogRequest;
use App\Http\Requests\BlogUpdateRequest;
use App\Models\Zakazano;
use Illuminate\Support\Facades\File;
   public function adminPanel blog()
   public function doAdminPanel blog insert(BlogRequest $request)
           $naslov = $request->input('tbNaslovBlog');
           $slika = $request->file('unosSlike');
                        return redirect()->route('adminPanel blog')->with('poruka',
```

```
public function adminPanel blog update($id blog)
        \Log::error("Greska:" . $ex->getMessage());
public function doAdminPanel blog update($id blog, BlogUpdateRequest $request)
            $extension = $slika->getClientOriginalExtension();
```

```
$rez = $newBlog->save();
            $blog->realDeleteOne($id blog);
        \Log::error("Greska:" . $ex->getMessage());
public function sortByDate blog(Request $request)
```

### 4.1.4. app/Http/Controllers/BlogerController.php

```
amespace App\Http\Controllers;

use App\Http\Requests\BlogRequest;
use App\Models\Blog;
use App\Models\Blog;
use App\Models\Tretman;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\File;

class BlogerController extends BaseFrontendController
{
    public function blog()
    {
        Sblog = new Blog();
        Stretman = new Tretman();
}
```

```
$this->data['tretmani'] = $tretmani->getTretamane();
public function oneBlog($id blog)
        \Log::error("Greska:" . $ex->getMessage());
        $podnaslov = $request->input('tbPodnaslovBlog');
        $tekst = $request->input('tbTekstBlog');
            $tmp path = $slika->getPathname();
```

```
public function blog update($id blog)
public function doBlog update($id blog, Request $request)
        $naslov = $request->input('tbNaslovBlog');
        $tekst = $request->input('tbTekstBlog');
        $status = $request->input('ddlBlog');
        $slika = $request->file('unosSlike');
            $tmp path = $slika->getPathname();
```

```
\Log::error("Greska:" . $ex->getMessage());
public function blog delete($id blog)
            $blog->deleteOne($id blog);
            return redirect()->route('all blog')->with('poruka', 'Uspešno
public function sortByDateBlog(Request $request)
```

```
public function searchBlog(Request $request)
```

### 4.1.5. app/Http/Controllers/FrontendController.php

```
$email = $request->input('email');
$datum = $request->input('datum');
        $rez = Zakazano::create(array())
```

```
$this->data['tretmani'] = $tipTretmana->getTretmanPoTT($id tt);
public function opisTretmana($id tt, $id tretman){
public function blog(){
        $this->data['tretmani'] = $tretmani->getTretamane();
public function oneBlog($id blog) {
```

```
$rez = $blog->searchBlog($unos);
$zakazani rez = $termin->getDateTermin($tmStmDatumPokupljeni); //PO DATUMU
```

### 4.1.6. app/Http/Controllers/KorisnikBackendController.php

```
catch (\Exception $\section \text{Sex->getMessage());
}
```

```
$korIme = $request->input('tbKorIme');
$lozinka = $request->input('tbLozinka');
$uloga = $request->input('ddlUloga');
>with('poruka','Niste uneli korisnika!');
                    \Log::error("Greska:" .\sex->getMessage());
    public function adminPanel korisnici update($id korisnik)
    public function doAdminPanel korisnici update($id korisnik,KorisnikUpdateRequest
              $korIme = $request->input('tbKorIme');
```

```
$rez = $korisnik->updateKorisnika($id korisnik);
               \Log::error("Greska:" . $ex->getMessage());
               $korisnik->deleteOne($id korisnik);
>with('poruka','Uspešno brisanje korisnika!');
```

### 4.1.7. app/Http/Controllers/LogController.php

```
<?php
namespace App\Http\Controllers;
use App\Models\Korisnik;
use Illuminate\Http\Request;

class LogController extends BaseFrontendController
{
    public function logovanje() {</pre>
```

```
$lozinka = trim($request->input('tbPassword'));
        if (session()->has('user') && session()->get('user')->naziv ==
            return redirect()->route('blog')->with('poruka', 'Uspešno')
    \Log::error('MOJA GRESKA: ' . $e->getMessage());
```

## 4.1.8. app/Http/Controllers/SlajderBackendController.php

```
class SlajderBackendController extends BackendController{
   public function adminPanel slajder() {
   public function doAdminPanel slajder insert(SlajderRequest $request) {
           $slika = $request->file('fSlika');
                $tmp path = $slika->getPathname();
```

```
>with('poruka','Morate odabrati sliku!');
   public function adminPanel slajder update($id slajder)
   public function doAdminPanel slajder update($id slajder,SlajderUpdateRequest
           $slika = $request->file('fSlika');
                       $rez = $slajd->save();
                        \Log::error("Greska:" . $ex->getMessage());
               $slajd = Slajder::find($id slajder);
```

```
>with('poruka','Izmena nije uspela!');
```

## 4.1.9. app/Http/Controllers/TipTretmanaBackendController.php

```
<?php

namespace App\Http\Controllers;

use App\Http\Requests\TipTretmanaRequest;
use App\Http\Requests\TipTretmanaUpdateRequest;
use App\Models\TipTretmana;
use App\Models\Tretman;
use Illuminate\Http\Request;

class
TipTretmanaBackendController extends BackendController
{
    public $data = [];
}
</pre>
```

```
\Log::error("Greska:" . $ex->getMessage());
        $naziv = $request->input('tbNazivTipTretmana');
            $rez = TipTretmana::create(array())
public function adminPanel tipTretman update($id tt)
public function doAdminPanel tipTretman update($id tt,TipTretmanaUpdateRequest
```

```
$thisTipTretmani = TipTretmana::find($id tt);
        $tipTretman->deleteTipTretman($id tt);
    \Log::error("Greska:" . $ex->getMessage());
```

# 4.1.10. app/Http/Controllers/TretmanBackendController.php

```
<?php
namespace App\Http\Controllers;
use App\Http\Requests\TretmanRequest;</pre>
```

```
use App\Models\TipTretmana;
use App\Models\Tretman;
use Illuminate\Http\Request;
class TretmanBackendController extends BackendController
   public function adminPanel tretmani($id tt){
            $this->data['tip tretmana'] = $tipTretmana->qetTretmane($id tt);
            $this->data['tip tretmana'] = $tipTretmana->getAll();
            \Log::error("Greska:" .$ex->getMessage());
            $naziv = $request->input('tbNaziv');
$tekst = $request->input('taTekst');
            $tipTretmana = $request->input('ddlTipTretmana');
                 $tmp path = $slika->getPathname();
                 $extension = $slika->getClientOriginalExtension();
                         $rez = $tretman->insertTretman();
```

```
\Log::error("Greska:" .$ex->getMessage());
>with('poruka','Morate odabrali sliku!');
   public function adminPanel tretmani update($id tretman){
           $this->data['tretman'] = $tretman->getOneTretmanUpdate($id tretman);
   public function doAdminPanel tretmani update($id tretman, TretmanUpdateRequest
           $tipTretmana = $request->input('ddlTipTretmana');
           $status = $request->input('ddlStatus');
               if(File::move($tmp path, $new path)) {
```

```
$rez = $tretman->updateTretmanSaS($id tretman);
                            \Log::error("Greska:" . $ex->getMessage());
>route('adminPanel_tretmani_update',['id_tretman'=>$id_tretman])-
>with('poruka','Greška pri postavljanju slike na server!');
                       $rez = $tretman->updateTretmanBezS($id tretman);
    public function adminPanel tretmani delete($id tt,$id tretman){
>with('poruka','Uspešno izvršeno deaktiviranje tretmana!');
```

```
catch(\Exception $ex){
     \Log::error("Greska:" .$ex->getMessage());
}
```

## 4.1.11. app/Http/Controllers/ZakazaniBackendController.php

```
use App\Models\Tretman;
use App\Models\Zakazano;
   public function adminPanel zakazano insert (Request $request)
```

```
public function doAdminPanel zakazano insert (ZakazaniRequest $request)
        $tretman = $request->input('ddlTretman');
        $termin = $request->input('ddlTermini');
```

```
>with('poruka',
   public function adminPanel zakazano update($id zakazano)
       $this->data['tretmani'] = $tretmani->getAll();
   public function doAdminPanel zakazano update($id zakazano, ZakazaniUpdateRequest
           $prezime = $request->input('prezime');
           $tretman = $request->input('ddlTretman');
```

```
$rez = $zakazano->save();
>with('poruka', 'Niste obavili izmenu!');
                   $rez = $zakazano->save();
       $allZakazano = $zakazano->getOne($id zakazano);
```

```
$rez = $zakazano->obrisi($id zakazano);
```

# 4.1.12. app/Http/Controllers/ZakazaniController.php

```
c?php

namespace App\Http\Controllers;

use App\Http\Requests\ZakazaniRequest;
use App\Models\Termini;
use App\Models\Terman;
use App\Models\Terman;
use App\Models\Zakazano;
use Illuminate\Http\Request;

class ZakazaniController extends BaseFrontendController
{
    public $data = [];
    public function zakazani()
    {
        $zakazano = new Zakazano();
        $this->data['zakazani'] = $zakazano->getAll();
}
```

```
$email = $request->input('email');
$termin = $request->input('ddlTermini');
```

```
\Log::error("Greska:" . $ex->getMessage());
public function zakazani update($id zakazano)
public function doZakazani update($id zakazano, ZakazaniUpdateRequest $request) {
          $prezime = $request->input('prezime');
          $email = $request->input('email');
$brTel = $request->input('brTel');
$datum = $request->input('datum');
          $termin = $request->input('ddlTermini');
```

```
$allZakazano = $zakazano->getOne($id zakazano);
          $rez1 = $zakazano->otkazi($id_zakazano);
return redirect()->route('zakazani')->with('poruka', 'Uspešno')
$termini rez = $termin->getAllTermin(); //SVI TERMINI
```

```
public function otkazani() {
    $rez = $zakazano->qetAllZakazane();
```

#### 4.2. Middleware

## 4.2.1. app/Http/Middleware/AdminMiddleware.php

## 4.2.2. app/Http/Middleware/BlogerMiddleware.php

```
closure;
use Closure;
use Illuminate\Http\Request;

class BlogerMiddleware
{
    /**
    * 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')) {
            $user =$request->session()->get('user');

            if ($user->naziv == 'bloger') {
                return $next($request);
            }
        }
        return redirect()->route('logovanje')->with('poruka','Niste bloger!');
}
```

## 4.2.3. app/Http/Middleware/ZaposleniMiddleware.php

```
color color
```

```
public function handle(Request $request, Closure $next)
{
    if($request->session()->has('user')){
        $user = $request->session()->get('user');

        if($user->naziv == 'zaposleni'){
            return $next($request);
        }
    }
    return redirect()->route('logovanje')->with('poruka','Niste zaposleni!');
}
```

## 4.3. Requests

## 4.3.1. app/Http/Requests/BlogRequest.php

```
'tbNaslovBlog.min' => 'Naslov mora imati najmanje tri karaktera!',
    'tbPodnaslovBlog.required' => 'Unesite podnaslov!',
    'tbTekstBlog.required' => 'Unesite tekst!',
    'unosSlike.required' => 'Unesite sliku!',
    'unosSlike.mimes'=> 'Slika nije dobrog formata!'

];
}
```

## 4.3.2. app/Http/Requests/BlogUpdateRequest.php

```
public function authorize()
public function rules()
public function messages()
```

4.3.3. app/Http/Requests/KorisnikRequest.php

```
namespace App\Http\Requests;
   public function rules()
```

# 4.3.4. app/Http/Requests/KorisnikUpdateRequest.php

```
public function messages()
```

#### 4.3.5. app/Http/Requests/SlajderRequest.php

```
<?php
namespace App\Http\Requests;
use Illuminate\Foundation\Http\FormRequest;
class SlajderRequest extends FormRequest</pre>
```

# 4.3.6. app/Http/Requests/SlajderUpdateRequest.php

# 4.3.7. app/Http/Requests/TipTretmanaRequest.php

```
public function authorize()
```

4.3.8. app/Http/Requests/TipTretmanaUpdateRequest.php

```
public function authorize()
```

# 4.3.9. app/Http/Requests/ TretmanRequest.php

```
<?php
namespace App\Http\Requests;
use Illuminate\Foundation\Http\FormRequest;

class TretmanRequest extends FormRequest
{
    /**
    * Determine if the user is authorized to make this request.
    *
    * @return bool
}
</pre>
```

#### 4.3.10. app/Http/Requests/ TretmanUpdateRequest.php

```
<?php
namespace App\Http\Requests;
use Illuminate\Foundation\Http\FormRequest;

class TretmanUpdateRequest 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.
    *
    **
    * Get the validation rules that apply to the request.
    **</pre>
```

# 4.3.11. app/Http/Requests/ ZakazaniRequest.php

#### 4.3.12. app/Http/Requests/ ZakazaniUpdateRequest.php

```
namespace App\Http\Requests;
   public function rules()
   public function messages()
```

#### 4.4. Models

## 4.4.1. app/Http/Models/Blog.php

```
use Illuminate\Support\Facades\DB;
          ->simplePaginate(3);
           ->simplePaginate(3);
               ->simplePaginate(6);
```

```
->first();
public function deleteOne($id_blog) {
    return $rez = DB::table('blogs as b')
                ->update(
public function searchBlog($unos){
               ->where('b.naslov_blog','LIKE','%'.$unos.'%')
->orWhere('b.text_blog','LIKE','%'.$unos.'%')
->orWhere('b.podnaslov_blog','LIKE','%'.$unos.'%')
```

#### 4.4.2. app/Http/Models/Korisnik.php

```
namespace App\Models;

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

class Korisnik extends Model
{
   use HasFactory;

   public $timestamps = false;
   public $primaryKey = 'id_korisnik';
   protected $fillable = ["korisnicko_ime", "lozinka","status","uloga_id"];

   public $korisnicko_ime;
   public $lozinka;
}
```

```
return $this->hasOne(Ulogas::class);
          ->first();
          ->join('ulogas as u','k.uloga_id','u.id_uloga')
->select('k.status as k_status','k.*','u.*','u.status as u_status')
->orderBy('k.uloga_id','desc')
          ->simplePaginate(6);
          ->update(
public function realDeleteOne($id korisnik){
public function updateKorisnika($id korisnik){
          ->update(
```

```
'lozinka'=>$this->lozinka,
    'k.status'=>$this->status,
    'uloga_id'=>$this->uloga_id
]);
}
```

## 4.4.3. app/Http/Models/Podaci.php

```
use Illuminate\Database\Eloguent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;
use Illuminate\Support\Facades\DB;
   use HasFactory;
   public function getAll(){
            ->update(
```

# 4.4.4. app/Http/Models/Slajder.php

```
<?php
```

```
namespace App\Models;
           ->simplePaginate(6);
           ->update(
   public function realDeleteOne($id slajder) {
```

#### 4.4.5. app/Http/Models/Termini.php

```
<?php
namespace App\Models;</pre>
```

#### 4.4.6. app/Http/Models/TipTretmana.php

```
public function getAll(){
      return $rez = DB::table('tip_tretmanas as tt')
    ->join('tretmans as t', 't.tt_id', '=', 'tt.id_tt')
    ->select('t.*','tt.*')
            ->where(['tt.id tt' => $id tt])
           ->simplePaginate(6);
           ->where(['tt.id_tt'=>$id_tt])
->orderBy('t.id_tretman', 'asc')
public function getTretmanPoTT($id tt){
public function deleteTipTretman($id_tt) {
    return $rez = DB::table('tip_tretmanas as tt')
      ->delete();
```

#### 4.4.7. app/Http/Models/Tretman.php

```
<?php
```

```
namespace App\Models;
use Illuminate\Support\Facades\DB;
  use HasFactory;
      return $this->hasOne(TipTretmana::class);
  public function zakazanos() {
      $this->belongsToMany(Zakazano::class);
  public function getTretmane($id tt){
         ->simplePaginate(6);
```

```
->first();
public function getOneTretmanUpdate($id tretman) {
        ->first();
        ->update(
public function updateTretmanBezS($id_tretman){
        ->update([
```

```
}
}
```

# 4.4.8. app/Http/Models/Uloga.php

# 4.4.9. app/Http/Models/Zakazano.php

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

class Zakazano extends Model
{
    use HasFactory;

    public $timestamps = false;
    public $primaryKey = 'id_zakazano';
    public $foreignKey = 'tretman_id, status_terminas_id, termin_id';
    protected $fillable = ["ime",
"prezime", "email", "datum", "br_tel", "tretman_id", "status_termina", "termin_id"];

    public function termini() {
        $this->hasOne(Termini::class);
    }

    public function status_termin() {
        $this->hasOne(StatusTermina::class);
    }

    public function tretman() {
```

```
->where(['z.status_termina'=>'1'])
->orderBy('z.datum','desc')
->simplePaginate(6);
->where(['status_termina'=>'0'])
->orderBy('te.id_termini','asc')
->simplePaginate(6);
```

# 4.5. public

# 4.5.1. public/css/mojStil.css

```
padding-bottom: 50px;
```

```
}
.search{
    width: 400px;
}

.blogSection{
    padding-top: 0px;
}
.hidden {
    opacity: 0.5;
}
.poruka{
    color: #4B3049;
    /*margin-left: 300px;*/
    padding-bottom: 50px;
    text-align: center;
    color: #4B3049;
    font-weight: bold;
}
.log{
    font-family:'Rubik, sans-serif';
    line-height: 2;
    font-size: 15px;
    margin-bottom: 0px;
    color: #795376;
    font-weight: 400;
}
.dropdown .dropdown-menu .dropdown-item{
    color: #4B3049 !important;
}
```

# 4.5.2. public/script/script.js

```
console.log(xhr);
console.log(xhr);
console.log(xhr);
$ispis.html(data);
```

```
error: function (xhr, status, error) {
    // alert(xhr + " " + status + " " + error);
          console.log(xhr);
          console.log(error);
          console.log(status);
          console.log(error);
$.ajax({
```

```
$ispis.prop('disabled', false);
        console.log(xhr);
        console.log(status);
        console.log(error);
$.ajax({
        console.log(xhr);
        console.log(status);
```

```
console.log(xhr);
        console.log(status);
        console.log(error);
        console.log(xhr);
        console.log(status);
        console.log(error);
$.ajax({
```

```
console.log(status);
        console.log(error);
        console.log(error);
$.ajax({
```

#### 4.6. resources

## 4.6.1. resources/views/components/carusel.blade.php

```
<section class="breadcrumb part">
data-ride="carousel">
                                     </div>
href="#carouselExampleIndicators" role="button" data-slide="prev">
hidden="true"></span>
                            </a>
```

#### 4.6.2. resources/views/components/footer.blade.php

```
<div class="footer iner" style="padding-bottom:50px; padding-top:50px;border-</pre>
    <div class="container" style="padding-bottom: 50px;">
                     </div>
                     <a href="https://www.facebook.com/spelabeauty"><i class="fab</pre>
        </div>
```

```
</div>
                            <a href="{{route('logovanje')}}" style="font-
                                                                      margin-bottom:
        </div>
```

```
<script src="{{asset('/')}}js/custom.js"></script>
<script src="{{asset('/')}}js/script.js"></script>
<script type="text/javascript">
        const baseUrl = '<?php echo e(route("index")); ?>';
        const token = '<?php echo e(csrf_token()); ?>';
</script>
</body>
</html>
```

4.6.3. resources/views/components/head.blade.php

#### 4.6.4. resources/views/components/nav.blade.php

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

```
#4B3049; "href="{{route('zakazani insert')}}">Zakaži termin</a>
```

# 4.6.5. resources/views/components/sidebar\_nav.blade.php

#### 4.6.6. resources/views/layout/index.blade.php

```
@include('components.head')
@include('components.nav')
@if(!session()->has('user'))
    @include('components.carusel')
@endif
@yield('content')
@include('components.footer')
```

# 4.6.7. resources/views/pages/blog.blade.php

```
@extends('layout.index')

@section('title')
    Blog
@endsection
```

```
{{$truncated = Str::limit($b->text blog,
</div>
```

#### 4.6.8. resources/views/pages/logovanje.blade.php

```
extends('layout.index')
 </div>
           Lozinka:
```

## 4.6.9. resources/views/pages/oneBlog.blade.php

```
extends('layout.index')
                                    <h4>Špela Klajnšček Mikosavljević</h4>
   </section>
```

```
</div>
</div>
</div>
</div>
</section>
```

# 4.6.10. resources/views/pages/opisTretmana.blade.php

# 4.6.11. resources/views/pages/pocetna.blade.php

#### 4.6.12. resources/views/pages/tretmani.blade.php

```
<div style="width:350px;float: left;">
</div>
```

## 4.6.13. resources/views/pages/zakazati.blade.php

```
@if($errors->any())
            @foreach ($errors->all() as $error)
<form method="POST" action="{{route('doZakazati')}}" >
            </div>
```

```
solid #4B3049;color:#4B3049;" name="email" id="email" type="email"
                                    <div class="form-group">
style="background-color:
```

# 4.6.14. resources/views/pages/admin/adminPanel\_blog.blade.php

```
<div style="margin-left: 600px; padding-bottom: 10px;">
```

```
$perPage = $ GET['page'];
                  {{$b->naslov blog}}
                     Aktivan
            </div>
</div>
```

## 4.6.15. resources/views/pages/admin/adminPanel\_blog\_insert.blade.php

```
<form action="{{route('doAdminPanel blog insert')}}" method="POST"</pre>
enctype="multipart/form-data">
sliku:
    </div>
```

```
</section>
@endsection
```

### 4.6.16. resources/views/pages/admin/adminPanel\_blog\_update.blade.php

```
extends('layout.index')
          @if($errors->any())
                      @foreach ($errors->all() as $error)
                  </div>
```

```
Status:
      <option value="1" selected>Aktivan</option>
  </select>
```

# 4.6.17. resources/views/pages/admin/adminPanel\_korisnici.blade.php

```
</div>
    </div>
         Uloga
       </thead>
         {{$i}}
           Nektivan
       {{ $korisnici->links() }}
</div>
```

```
</div>
</div>
</section>

@endsection
```

# 4.6.18. resources/views/pages/admin/adminPanel\_korisnici\_insert.blade.php

```
extends('layout.index')
                        @foreach ($errors->all() as $error)
placeholder="Unesi lozinku"/>
```

#### 4.6.19.resources/views/pages/admin/adminPanel\_korisnici\_update.blade.php

```
</select>
                             <option value="0" selected>Neaktivan</option>
                      </select>
           </div>
```

## 4.6.20. resources/views/pages/admin/adminPanel\_podaci.blade.php

```
</div>
  Ulica
  Mesto
  Kontakt
  Slika
```

# 4.6.21. resources/views/pages/admin/adminPanel\_podaci\_update.blade.php

```
sliku:
```

### 4.6.22. resources/views/pages/admin/adminPanel\_slajder.blade.php

```
Neaktivan
href="{{route('adminPanel_slajder_delete',['id_slajder'=>$s-
     </div>
```

# 4.6.23. resources/views/pages/admin/adminPanel\_slajder\_insert.blade.php

```
@extends('layout.index')

@section('title')
   Admin Panel
@endsection
```

```
Status:
bottom:5px;padding-top: 15px;">
```

### 4.6.24. resources/views/pages/admin/adminPanel\_slajder\_update.blade.php

```
@if($errors->any())
                             @foreach ($errors->all() as $error)
              <form method="POST"</pre>
action="{{route('doAdminPanel_slajder_update',['id_slajder'=>$slajder->id_slajder])}}"
enctype="multipart/form-data">
                                           <option value="0" selected>Neaktivan</option>
```

# 4.6.25.resources/views/pages/admin/adminPanel\_tipTretmana.blade.php

```
Neaktivan
                         <a class="linkA"
href="{{route('adminPanel tipTretman delete',['id tt'=>$tt->id tt])}}">0brisi</a>
   </section>
```

#### 4.6.26.resources/views/pages/admin/adminPanel\_tipTretmana\_insert.blade.php

```
@extends('layout.index')

@section('title')
   Admin Panel
@endsection
```

```
@if($errors->any())
            </div>
                             </select>
bottom:5px;padding-top: 15px;"">
    </div>
```

# 4.6.27.resources/views/pages/admin/adminPanel\_tipTretmana\_update.blade.php

```
@if($errors->any())
</div>
                         <option value="1" selected>Aktivan</option>
</form>
```

```
</div>
</div>
</div>
</div>
</div>
</div>
</section>

@endsection
```

# 4.6.28.resources/views/pages/admin/adminPanel\_tretmani.blade.php

```
Tip tretmana
Slika
```

### 4.6.29. resources/views/pages/admin/adminPanel\_tretmani\_insert.blade.php

```
<form method="POST" action="{{route('doAdminPanel tretmani insert')}}"</pre>
placeholder="Unesite tekst"></textarea>
                              </select>
```

#### 4.6.30.resources/views/pages/admin/adminPanel\_tretmani\_update.blade.php

```
extends('layout.index')
      </div>
              @foreach ($errors->all() as $error)
      </div>
              Tekst:
```

```
</select>

     <img src="{{asset('/')}}img/{{$tretman->putanja_slika}}"
                               <option value="0" selected>Neaktivan</option>
                       </select>
           </div>
</section>
```

## 4.6.31. resources/views/pages/admin/otkazani.blade.php

```
</div>
<div style="margin-left: 600px;padding-bottom: 10px;">
</div>
```

```
@foreach($zakazani as $z)
                       Otkazano
                       Zakazano
        </div>
</section>
```

# 4.6.32. resources/views/pages/admin/zakazani.blade.php

```
</div>
<div style="margin-left: 600px; padding-bottom: 10px;">
        Ime
              Otkazano
              Zakazano
```

#### 4.6.33.resources/views/pages/admin/zakazani\_insertblade.php

```
placeholder="Unesite email"/>
```

#### 4.6.34. resources/views/pages/admin/zakazani\_update.blade.php

```
</div>
</div>
```

```
solid #4B3049;color:#4B3049;" name="ddlTermini" id="ddlTermini">
selected>Otkazano</option>
selected>Otkazano</option>
selected>Zakazano</option>
            </div>
   </div>
```

#### 4.6.35.resources/views/pages/blog/blog.blade.php

```
@extends('layout.index')
@section('title')
    Blog
@endsection
```

```
</div>
     <a class="d-inline-block"</pre>
{{ $blog->links() }}
</div>
```

```
</section>
<!--===Blog Area =======->
</div>
</div>
</div>
</div>
</div>
</div>
</section>

@endsection
```

### 4.6.36. resources/views/pages/blog/izmeniBlog.blade.php

```
@if($errors->any())
   {{csrf field()}}
```

```
bloga:
Slika:

 <img class="img-fluid"
src="{{asset('/')}}img/{{$blog->putanja_slika_blog}}" width="200px" height="250px"
sliku:
                                         <option value="0" selected>Neaktivan</option>
```

## 4.6.37.resources/views/pages/blog/oneBlog.blade.php

```
@extends('layout.index')

@section('title')
    Blog
@endsection

@section('content')
```

```
</div>
                     </div>
                         <div class="media-body">
    </div>
</div>
```

### 4.6.38. resources/views/pages/ blog/sviBlogovi.blade.php

```
</div>
</div>
</div>
     Naslov
     Izmeni
         Aktivan
```

#### 4.6.39. resources/views/pages/ blog/unosBlog.blade.php

```
placeholder="Unesi naslov bloga"/>
```

```
bloga:
bloga:
bottom:5px;padding-top: 15px;">
            </div>
   </div>
```

## 4.6.40.resources/views/pages/zaposleni/otkazani.blade.php

```
<div style="margin-left: 600px; padding-bottom: 10px;">
                      Otkazano
       {{ $zakazani->links() }}
```

```
</div>
</section>
@endsection
```

## 4.6.41. resources/views/pages/ zaposleni /zakazani.blade.php

```
<input type="date"name="sortByDate" id="sortByDate"/>
```

```
Otkazano
                   Zakazano
      <div style="margin-left:750px;padding-bottom: 50px;">
            {{ $zakazani->links() }}
</div>
```

#### 4.6.42.resources/views/pages/zaposleni/ zakazani\_update.blade.php

```
<form method="POST"</pre>
             <div class="form-group">
             <div class="form-group">
```

```
<div class="form-group">
                                   </div>
selected>Otkazano
selected>Otkazano</option>
selected>Zakazano</option>
style="background-color:
                           </div>
       </div>
```

4.6.43. resources/views/pages/ zaposleni /zakazi.blade.php

```
@if($errors->any())
       <111>
       </div>
           </div>
```

```
</div>
                                     <div class="form-group">
                                     </div>
style="background-color:
```

```
</div>
</div>
</div>
</div>
</div>
</div>
</section>
```

#### 4.7. routes

4.7.1. web.php

```
use App\Http\Controllers\BlogerController;
use App\Http\Controllers\BackendController;
use App\Http\Controllers\KorisnikBackendController;
use App\Http\Controllers\SlajderBackendController;
use App\Http\Controllers\ZakazaniBackendController;
Route::get('/opisTretmana/{id tt}/{id tretman}',[FrontendCotroller::class,'opisTretman
Route::get('/zakazati',[FrontendCotroller::class,'zakazati'])->name('zakazati');
Route::post('/search',[FrontendCotroller::class,'search']) ->name('search');
Route :: group(['middleware'=>'admin'], function () {
```

```
>name('adminPanel_blog');
Route::get('/zakazaniA', [ZakazaniBackendController::class, 'zakazaniA'])-
Route::get('/adminPanel tretmani insert',[TretmanBackendController::class,'adminPanel
Route::get('/adminPanel korisnik insert', [KorisnikBackendController::class, 'adminPanel
Route::get('/adminPanel_blog_insert',[BlogBackendController::class,'adminPanel blog in
Route::post('/adminPanel blog insert',[BlogBackendController::class,'doAdminPanel blog
```

```
Route::post('/adminPanel slajder update/{id slajder}', [SlajderBackendController::class
Route::get('/adminPanel_blog_update/{id_blog}',[BlogBackendController::class,'adminPanel_blog_update/
el blog update'])->name('adminPanel blog update');
Route::post('/adminPanel blog update/{id blog}',[BlogBackendController::class,'doAdmin
Route::post('/adminPanel tipTretman update/{id tt}',[TipTretmanaBackendController::cla
Route::get('/adminPanel_zakazano_update/{id_zakazano}',[ZakazaniBackendController::cla
Route::get('/adminPanel korisnici delete/{id korisnik}', [KorisnikBackendController::cl
Route::qet('/adminPanel podaci delete/{id}', [BackendController::class, 'adminPanel poda
```

```
Route::qet('/adminPanel zakazani delete/{id zakazano}',[ZakazaniBackendController::cla
Route::get('/adminPanel otkazani delete/{id zakazano}', [ZakazaniBackendController::cla
    Route::get('/all blog',[BlogerController::class,'blog blog']) -> name('all blog');
    Route::get('/blog update/{id blog}',[BlogerController::class,'blog update'])-
   Route::get('/blog delete/{id blog}',[BlogerController::class,'blog delete'])-
Route::group(['middleware'=>'zaposleni'], function () {
```

```
Route::get('/zakazani_delete/{id_zakazano}',[ZakazaniController::class,'zakazani_delet
e']) -> name('zakazani_delete');

//ajax
Route::post('/zakazi_ajax',[ZakazaniController::class,'zakazi_ajax']) -
> name('zakazi_ajax');

Route::post('/sortByDate_zakazanoZ',[ZakazaniController::class,'sortByDate_zakazanoZ']) -> name('sortByDate_zakazanoZ');

Route::post('/sortByDate_otkazanoZ',[ZakazaniController::class,'sortByDate_otkazanoZ']) -> name('sortByDate_otkazanoZ');

Route::post('/sortByDate_otkazanoZ');

});

});

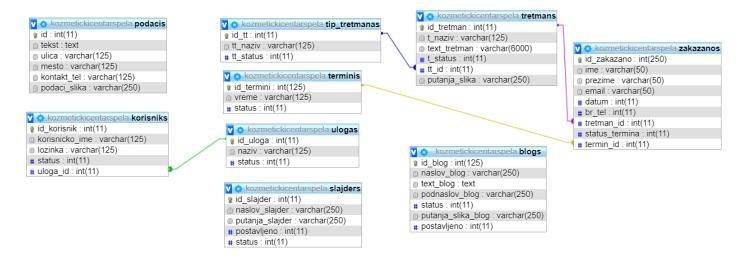
});

?>
```

#### 5. BAZA PODATAKA

#### **5.1 Baza**

Na slici 21 nalazi se dizajn baze podataka.



Slika 21 – Baza podataka

# 6. ZAKLJUČAK

Kako kozmetički salon "Špela beauty" nije imao svoju prezentaciju na internetu, pojavila se potreba za tim zarad bolje povezanosti sa klijentima. Web aplikacija "Špela beauty" napravljena je za potrebe vidljivosti i prezentovanja kozmetičkog salona na intertnetu, kao i radi postizanja optimalnosti u poslovanju i vizelnom identitetu salona.

Aplikacija je napravljena u PHP jeziku, framework Laravel. Prilikom izrade samog sajta korišćene su biblioteke JQuery i Bootstrap, kao i MySql baza podataka.

Ova aplikacija ne samo da omogućava salonu vizuelnu prezentaciju i prisutnost na internetu, ona takođe omogućava da joj se sadržaj prilagođava potrebama rada i prezentovanja ponude tretmana. Tu takođe postoji i opcija zakazivanja koja olakšava dolazak klijenata i komunikaciju sa njima.

Putem bloga ostvarena je povezanost sa klijentima koji tako mogu dobiti neke korisne savete, kao i osnovne informacije ili pojašnjenja pojedinih procedura ili tretmana salona.

Putem administratorskog panela olakšana je mogućnost administriranja i izmena sadržaja sajta što olakšava upravljanje i održivost sadržaja sajta.

Trenutno sajt nije prilagođen mobilnim uređajimasiv ali je to jedna od stvari kojom bi se sajt mogao unaprediti kako bi prezentacija salona na internetu imala izrazitu kompetetivnost.

Glavna ideja web aplikacije bila je da se omogući prisutnost salona na internetu, omogući interakcija sa korisnicima i olakša upravljanje sadržajem. Ova ideja je u potpunosti ostvarena, ali i dalje postoje ideje kojima bi se web aplikacija mogla nadograditi.

## 7. LITERATURA

- 1. https://www.w3schools.com/
- 2. https://laravel.com/docs/8.x
- 3. https://stackoverflow.com/questions
- $4. \ https://getbootstrap.com/docs/4.3/getting-started/introduction/$
- 5. https://www.php.net/docs.php