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Dokumentacija – Web Programiranje PHP 2 Projekat

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Opis funkcionalnosti

Aplikacija predstavlja predstavlja prodavnicu gitara. Korisnici mogu da gledaju gitare i naručuju ih. Administrator ima potpunu kontrolu sajta , dodavanje , izmena i brisanje: korisnika, slika iz galerije, gitara, narudžbina, menija i uloga. Obezbeđeno je logovanje i registracija novih korisnika. Takođe, stranice su zaštićene midlverom, odnosno, običan korisnik ("user") ne može pristupiti admin panelu, kao ni neautorizovani korisnik. Kompletan sadržaj menija se uzima iz baze podataka. Neautorizovani korisnik takođe ne može narućiti gitaru, dok običan može. Straničenje je na stranici "Galerija". Prilikom unosa korisnika i gitare, regularnim izrazima je obezbeđeno da se unese ime u dobrom formatu (i na serverskoj i na klijentskoj strani). Izuzeci su obrađeni i prilikom neuspeha unosa pojedinih slika u bazu, greške će se upisati u log fajl.

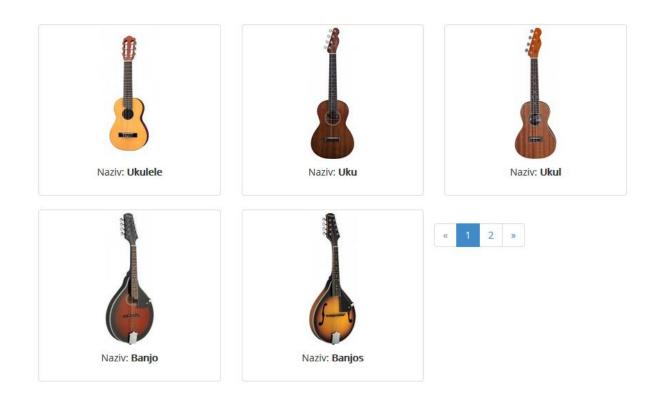
Korišćeni jezici	HTML 4 i HTML 5			
	CSS			
	JavaScript			
	PHP			
	MySQL			
Koriščeni HTML šabloni	http://www.free-css.com/free-css-			
	templates/page201/digishop-mini			
Koriščene biblioteke i njihovi url-ovi odakle ste ih preuzeli	/			
Korišćene biblioteke iz frameworka	Laravel			
Korišćene bibilioteke van frameworka	/			
Navesti lokacije gde je napisan sopstveni JS kod	js/reg.js			
URL sajta	www.mladensblogger.rs			
Pristupni parametri	Poslati na mejl			

Struktura stranica

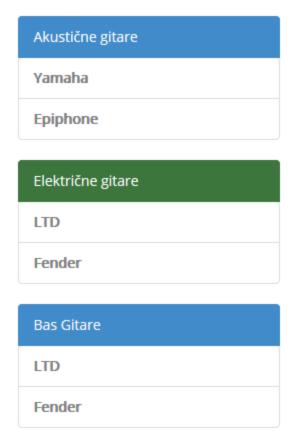
Header

Mladen's Guitar Shop	Početna	Gitare	O autoru	Galerija	Dokumentacija	Logovanje	Registracija
----------------------	---------	--------	----------	----------	---------------	-----------	--------------

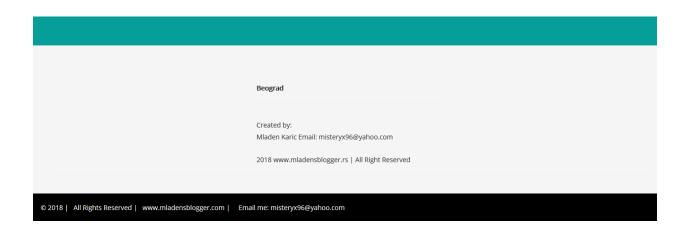
Content



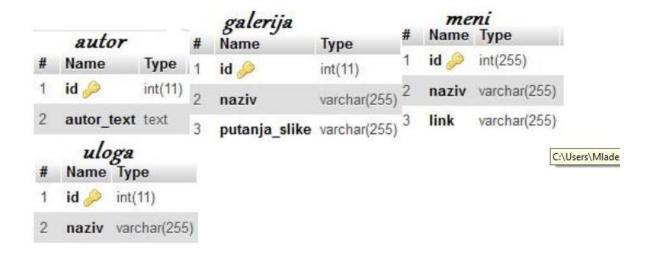
Sidebar

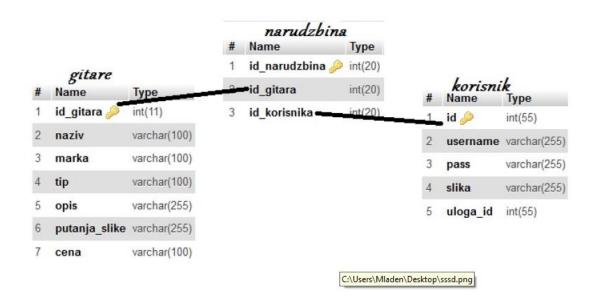


Footer



Dizajn baze





JavaScript Kod

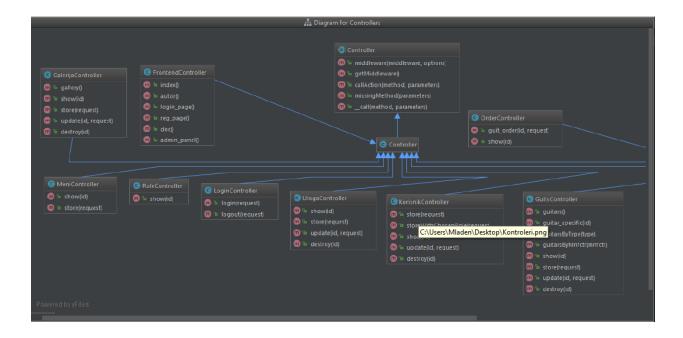
Reg.js

function reg(){

var user = document.getElementById('tbUsername');

```
var pass = document.getElementById('tbPass');
        var reUser = /^[a-z]+(\s[\w\d\-]+)*$/;
        var greske = new Array();
        var greskeID = new Array();
        var sadrzaj = new Array();
        if(user.value.match(reUser))
        {
                return true;
       }
        else
        {
                alert("Username nije u dobrom formatu, ili prelazi dozvoljeni broj karaktera");
                return false;
        }
}
```

Kontroleri



FrontendController

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Models\Meni;
use App\Models\Guit;
use App\Models\Autor;
use App\Http\Controllers\Response;
class FrontendController extends Controller
    private $data = [];
    public function __construct() {
    $meni = new Meni();
        $this->data['menus'] = $meni->getAll();
    public function index(){
        return view('pages.home', $this->data);
    public function autor() {
        $autor = new Autor();
        $this->data['mine'] = $autor->getAll();
        return view('pages.mine', $this->data);
    public function login_page() {
```

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

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

public function doc(){
    $file = base_path() . '/' . 'public/pics/doc.pdf';
    return response()->download($file);
}

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

GalerijaController

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Models\Meni;
use App\Models\Guit;
use Illuminate\Support\Facades\File;
use Illuminate\Support\Facades\Validator;
class GalerijaController extends Controller
   private $data = [];
   public function construct() {
        $meni = new Meni();
        $this->data['menus'] = $meni->getAll();
   public function gallery() {
       $gall = new Galerija();
        $this->data['galls'] = $gall->getAll();
        return view('pages.gallery', $this->data);
   public function show($id = null){
        $galerija = new Galerija();
        $this->data['galerije'] = $galerija->getAllnoPaginate();
        if(!empty($id)){
            $galerija->id = $id;
            $this->data['galerija'] = $galerija->get($galerija);
        return view('pages.adminGalerija', $this->data);
   public function store(Request $request){
```

```
$this->validate($request, [
        'tbNaziv' => 'unique:galerija,naziv|regex:/^[A-Z]{1}[a-z]{2,20}$/',
        'tbPic' => 'required|mimes:jpg,jpeg,png,gif'
    ]);
    $naziv = $request->get('tbNaziv');
    $pic = $request->file('tbPic');
    $temp path = $pic->getPathname();
    $ext = $pic->getClientOriginalExtension();
    $picName = time() . '.' . $ext;
$path = 'pics/gallery/' . $picName;
    $server path = public path($path);
    try{
        File::move($temp path, $server path);
        $galerija = new Galerija();
        $galerija->naziv = $naziv;
        $galerija->putanja slike = $path;
        $result = $galerija->save();
        if($result == 1){
             return redirect() ->route('home') ->with('success', 'Uspesan unos');}
        else{
            return redirect()->route('home')->with('error', 'Neuspesan unos');}
    catch(\Illuminate\Database\QueryException $ex){
    \Log::error($ex->getMessage());
     return redirect('/')->with('error','Greska pri dodavanju u bazu!');
     catch(\Symfony\Component\HttpFoundation\File\Exception\FileException $ex) {
\Log::error('Greska...'.\$ex->getMessage());
return redirect()->back()->with('error','Greska pri dodavanju slike!');
catch(\ErrorException $ex) {
\Log::error('Greska...'.\$ex->getMessage());
return redirect()->back()->with('error', 'Greska...');
public function update($id, Request $request) {
    $naziv = $request->get('tbNaziv');
    $pic = $request->file('tbPic');
    $galerija = new Galerija();
    $galerija->id = $id;
    $galerija->naziv = $naziv;
    if(!empty($pic)){
        $gall_to_update = $galerija->get();
        File::delete($gall to update->putanja slike);
        $temp path = $pic->getPathname();
        $ext = $pic->getClientOriginalExtension();
        $picName = time() . '.' . $ext;
$path = 'pics/gallery/' . $picName;
        $server path = public path($path);
```

```
File::move($temp path, $server path);
        $galerija->putanja slike = $path;
  $rez = $galerija->update();
    if($rez == 1){ // ako je uspeo update
        return redirect('/galls')->with('message','Uspesan update!');
    else {
        return redirect('/galls')->with('message','Greska pri update-u!');
public function destroy($id) {
    $galerija = new Galerija();
    $galerija->id = $id;
    // brisanje stare slike sa servera
    $gall_to_update = $galerija->get($id);
    File::delete($gall to update->putanja slike);
    $rez = $galerija->delete();
    if($rez == 1){
        return redirect('/galls')->with('message','Uspesan delete!');
    else {
        return redirect('/gallss')->with('message','Greska pri delete-u!');
```

GuitsController

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Models\Korisnik;
use Illuminate\Support\Facades\Validator;
use Illuminate\Foundation\Auth\RegistersUsers;
use App\Http\Controllers\Controller;
use Illuminate\Support\Facades\File;
use App\Models\Meni;
use App\Models\Guit;
class GuitsController extends Controller
   private $data = [];
   public function __construct(){
        $meni = new Meni();
        $this->data['menus'] = $meni->getAll();
   public function guitars() {
```

```
$quits = new Guit();
    $this->data['guits'] = $quits->getAll();
    return view('pages.guits', $this->data);
public function guitar specific($id){
    $guits = new Guit();
    $this->data['guit'] = $guits->get($id);
    return view('pages.guits show', $this->data);
public function guitarsByType($type){
    $guits = new Guit();
    $this->data['guits'] = $guits->getByType($type);
    return view('pages.guits', $this->data);
public function guitarsByMnfctr($mnfctr){
    $guits = new Guit();
    $this->data['quits'] = $quits->getByMnfctr($mnfctr);
    return view('pages.guits', $this->data);
public function show($id = null) {
    $guit = new Guit();
    $this->data['guits'] = $guit->getAll();
    if(!empty($id)){
        $this->data['guit'] = $guit->gets();
    return view('pages.adminGuit', $this->data);
public function store(Request $request){
    $this->validate($request,
        'tbNaziv' => 'required|regex:/^[A-Za-z0-9]+(?:[ _-][A-Za-z0-9]+)*$/',
'tbMarka' => 'required|alpha',
        'tbTip' => 'required|alpha',
        'tbOpis' => 'required|max:400',
        'tbCena' => 'required|alpha num',
        'tbSlika' => 'required|mimes:jpg,jpeg,png,gif'
    1);
    $naziv = $request->get('tbNaziv');
    $marka = $request->get('tbMarka');
    $tip = $request->get('tbTip');
    $opis = $request->get('tbOpis');
    $cena = $request->get('tbCena');
    $pic = $request->file('tbSlika');
    $temp path = $pic->getPathname();
    $ext = $pic->getClientOriginalExtension();
    $picName = time() . '.' . $ext;
$path = 'pics/guits/' . $picName;
    $server path = public path($path);
        File::move($temp path, $server path);
        $guit = new Guit();
```

```
$quit->naziv = $naziv;
        $guit->marka = $marka;
        $guit->tip = $tip;
        $guit->opis = $opis;
        $guit->cena = $cena;
        $guit->putanja slike = $path;
       $result = $guit->save();
        if($result == 1){
            return redirect()->route('home')->with('success', 'Uspesan unos');}
        else{
            return redirect()->route('home')->with('error', 'Neuspesan unos');}
    catch (\Exception $exception) {
        \Log::error('Greska: ' . $exception->getMessage());
        return redirect()->route('home')->with('error', 'Greska u radu');
public function update($id, Request $request) {
    $naziv = $request->get('tbNaziv');
    $marka = $request->get('tbMarka');
    $tip = $request->get('tbTip');
    $opis = $request->get('tbOpis');
    $cena = $request->get('tbCena');
    $slika = $request->file('tbSlika');
    $quit = new Guit();
    $quit->id = $id;
    $guit->naziv = $naziv;
    $guit->marka = $marka;
    $guit->opis = $opis;
   $guit->cena = $cena;
    if(!empty($slika)){
        $guit to update = $guit->gets();
        File::delete($guit to update->putanja slike);
        $tmp_putanja = $slika->getPathName();
        $ime fajla = time().'.'.$slika->getClientOriginalExtension();
        $putanja = 'pics/guits/' . $ime_fajla;
        $putanja server = public path($putanja);
        File::move($tmp_putanja, $putanja_server);
        $guit->putanja slike = $putanja;
    $rez = $quit->update();
    if($rez == 1){ // ako je uspeo update
        return redirect('/guits')->with('message','Uspesan update!');
    else {
        return redirect('/quits')->with('message','Greska pri update-u!');
public function destroy($id) {
```

```
$guit = new Guit();
$guit->id = $id;

// brisanje stare slike sa servera
$guit_to_update = $guit->gets();
File::delete($guit_to_update->putanja_slike);

$rez = $guit->delete();
if($rez == 1){
    return redirect('/guits')->with('message','Uspesan delete!');
}
else {
    return redirect('/guits')->with('message','Greska pri delete-u!');
}
}
}
```

KorisnikController

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Models\Korisnik;
use Illuminate\Support\Facades\Validator;
use Illuminate\Foundation\Auth\RegistersUsers;
use App\Http\Controllers\Controller;
use Illuminate\Support\Facades\File;
use App\Models\Meni;
use App\Models\Uloga;
class KorisnikController extends Controller
    private $data = [];
    public function __construct() {
    $meni = new Meni();
        $this->data['menus'] = $meni->getAll();
        $uloga = new Uloga();
        $this->data['uloge'] = $uloga->getAll();
    public function store(Request $request) {
         $this->validate($request, [
            'tbUsername' => 'unique:korisnik,username',
            'tbPass' => 'required|alpha',
            'tbPic' => 'required|mimes:jpg,jpeg,png,gif'
        $this->validate($request, [
                 'tbUsername' => 'regex:/^[a-z]+(\s[\w\d\-
]+)*$/|unique:korisnik,username',
                 'tbPass' => 'required|alpha num',
                 'tbPic' => 'required|mimes: jpg, jpeg, png, gif',
                 'ddlUloga' => 'required|not in:0'
```

```
'required' => 'Polje :attribute je obavezno!',
                'tbUsername.regex' => 'Polje username nije u ispravnom formatu!',
                'mimes' => 'Dozvoljeni formati su: :values.'
        ]);
        $userName = $request->get('tbUsername');
        $pass = $request->get('tbPass');
        $pic = $request->file('tbPic');
        $temp path = $pic->getPathname();
        $ext = $pic->getClientOriginalExtension();
        $picName = time() . '.' . $ext;
        $path = 'pics/' . $picName;
        $server path = public path($path);
        try{
            File::move($temp_path, $server_path);
            korisnik = new Korisnik();
            $korisnik->username = $userName;
            $korisnik->pass = $pass;
            $korisnik->slika = $path;
            $result = $korisnik->saveWithRegularUserRole();
            if($result == 1){
                return redirect()->route('home')->with('success', 'Uspesan unos');}
            else{
                return redirect()->route('home')->with('error', 'Neuspesan unos');}
        catch (\Exception $exception) {
            \Log::error('Greska: ' . $exception->getMessage());
            return redirect()->route('home')->with('error', 'Greska u radu');
    public function storeWithChosenRole(Request $request) {
        $this->validate($request, [
            'tbUsername' => 'unique:korisnik,username|regex:/^[A-Za-z0-9]+(?:[ _-][A-
Za-z0-9]+)*$/',
            'tbPass' => 'required|alpha',
            'tbPic' => 'required|mimes:jpg,jpeg,png,gif',
            'ddlUloga' => 'required|not in:0'
        1);
        $userName = $request->get('tbUsername');
        $pass = $request->get('tbPass');
        $pic = $request->file('tbPic');
        $role = $request->get('ddlUloga');
        $temp path = $pic->getPathname();
        $ext = $pic->getClientOriginalExtension();
        $picName = time() . '.' . $ext;
$path = 'pics/' . $picName;
        $server path = public path($path);
        try{
            File::move($temp path, $server path);
            $korisnik = new Korisnik();
            $korisnik->username = $userName;
            $korisnik->pass = $pass;
```

```
$korisnik->slika = $path;
        $korisnik->uloga id = $role;
        $result = $korisnik->save();
        if($result == 1){
            return redirect()->route('home')->with('success', 'Uspesan unos');}
        else{
            return redirect()->route('home')->with('error', 'Neuspesan unos');}
    catch (\Exception $exception) {
        \Log::error('Greska: ' . $exception->getMessage());
public function show($id = null){
    $korisnik = new Korisnik();
    $this->data['korisnici'] = $korisnik->getAll();
    if(!empty($id)){
        $korisnik->id = $id;
        $this->data['korisnik'] = $korisnik->get();
    return view('pages.adminKorisnik', $this->data);
public function update($id, Request $request) {
    $korisnicko ime = $request->get('tbUsername');
    $lozinka = $request->get('tbPass');
    $uloga id = $request->get('ddlUloga');
   $slika = $request->file('tbPic');
   $korisnik = new Korisnik();
    $korisnik->id = $id;
    $korisnik->username = $korisnicko_ime;
    $korisnik->pass = $lozinka;
    $korisnik->uloga id = $uloga id;
    if(!empty($slika)){
        $korisnik to update = $korisnik->get();
        File::delete($korisnik_to_update->slika);
        $tmp putanja = $slika->getPathName();
        $ime_fajla = time().'.'.$slika->getClientOriginalExtension();
        $putanja = 'pics/' . $ime fajla;
        $putanja_server = public_path($putanja);
        File::move($tmp putanja, $putanja server);
        $korisnik->slika = $putanja;
    $rez = $korisnik->update();
    if($rez == 1) { // ako je uspeo update
        return redirect('/users')->with('message','Uspesan update!');
    else {
        return redirect('/users')->with('message','Greska pri update-u!');
```

```
public function destroy($id) {
    $korisnik = new Korisnik();
    $korisnik->id = $id;

    $korisnik_to_update = $korisnik->get();
    File::delete($korisnik_to_update->slika);

    $rez = $korisnik->delete();
    if($rez == 1) {
        return redirect('/users')->with('message','Uspesan delete!');
    }
    else {
        return redirect('/users')->with('message','Greska pri delete-u!');
    }
}
```

LoginController

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Models\Korisnik;
use Illuminate\Support\Facades\Validator;
use Illuminate\Foundation\Auth\RegistersUsers;
use App\Http\Controllers\Controller;
class LoginController extends Controller
    public function login(Request $request){
        $this->validate($request, [
            'tbUsername' => 'required|alpha',
        $username = $request->get('tbUsername');
        $pass = $request->get('tbPass');
        $korisnik = new Korisnik();
        $korisnik->username = $username;
        $korisnik->pass = $pass;
        $loginKorisnik = $korisnik->getByUsernameAndPass();
        if(!empty($loginKorisnik)){
            $request->session()->push('user', $loginKorisnik);
            if($loginKorisnik->username == 'adminko'){
                $request->session()->push('isAdmin', true);
            return redirect()->route('home')->with('success', 'Uspesno ste se
ulogovali!');
        return redirect()->back()->with('error', 'Niste reg');
    public function logout(Request $request) {
        $request->session()->forget('user');
        $request->session()->forget('isAdmin');
        $request->session()->flush();
```

```
return redirect('/');
}
```

MeniController

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Models\Korisnik;
use Illuminate\Support\Facades\Validator;
use Illuminate\Foundation\Auth\RegistersUsers;
use App\Http\Controllers\Controller;
use Illuminate\Support\Facades\File;
use App\Models\Meni;
class MeniController extends Controller
   private $data = [];
   public function show($id = null){
        $menu = new Meni();
        $this->data['menus'] = $menu->getAll();
        if(!empty($id)){
            menu->id = sid;
            $this->data['menu'] = $menu->get();
        return view('pages.adminMenu', $this->data);
   public function store(Request $request){
        $this->validate($request, [
            'tbNaziv' => 'unique:meni,naziv',
            'tbLink' => 'required|alpha'
       ]);
        $naziv = $request->get('tbNaziv');
        $link = $request->get('tbLink');
        try {
            $menu = new Meni();
            $menu->naziv = $naziv;
            $menu->link = $link;
            $result = $menu->save();
            if($result == 1){
                return redirect()->route('home')->with('success', 'Uspesan unos');}
            else{
                return redirect()->route('home')->with('error', 'Neuspesan unos');}
        catch (\Exception $exception) {
            \Log::error('Greska: ' . $exception->getMessage());
```

OrderController

```
<?php
namespace App\Http\Controllers;
use App\Models\Order;
use Illuminate\Http\Request;
use App\Models\Meni;
class OrderController extends Controller
    public $data = [];
    public function __construct() {
    $meni = new Meni();
        $this->data['menus'] = $meni->getAll();
    public function guit order($id, Request $request) {
        if (empty (session('user')))
            return redirect()->route('home')->with('error', 'Morate biti ulogovani da
biste narucili gitaru');
        else{
            $order = new Order();
            $user_session = $request->session()->get('user')[0];
            $order->id_korisnika = $user_session->id;
            $order->id_gitara = $id;
            $order->save();
            return redirect()->route('home')->with('success', 'Uspesno ste narucili
    public function show($id = null) {
        $order = new Order();
        $this->data['orders'] = $order->getAll();
        if(!empty($id)){
            $order->id narudzbina = $id;
            $this->data['order'] = $order->get();
        return view('pages.adminOrder', $this->data);
```

RoleController

```
<?php

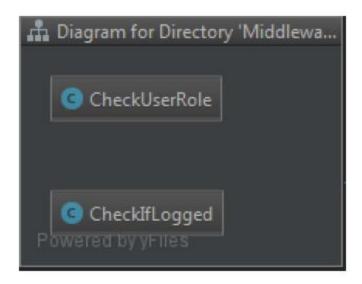
namespace App\Http\Controllers;
use App\Models\Order;
use App\Models\Uloga;
use Illuminate\Http\Request;
use App\Models\Role;
use App\Models\Role;
use App\Models\Meni;</pre>
```

UlogaController

```
<?php
namespace App\Http\Controllers;
use App\Models\Uloga;
use Illuminate\Http\Request;
class UlogaController extends Controller
    private $data = [];
    private $model = null;
    public function show($id = null) {
        $uloga = new Uloga();
        $this->data['roles'] = $uloga->getAll();
        if(!empty($id)){
            $uloga->id = $id;
            $this->data['updateRole'] = $uloga->get();
        return view('pages.adminUloga', $this->data);
    public function store(Request $request){
        $request->validate([
                 'required', 'unique:uloga'
            'required' => 'Polje :attribute je obavezno',
             'unique' => 'Polje :attribute mora biti jedinstveno u bazi.'
        ]);
        $naziv = $request->get('naziv');
        $uloga = new Uloga();
        $uloga->naziv = $naziv;
```

```
$rez = $uloga->save();
    if($rez == 1){
       return redirect()->back()->with('success', 'Dodata uloga!');
    else {
       return redirect()->back()->with('error','Greska pri dodavanju uloge!');
public function update($id, Request $request){
   $naziv = $request->get('naziv');
   $uloga = new Uloga();
    $uloga->id = $id;
    $uloga->naziv = $naziv;
   $rez = $uloga->update();
    if($rez == 1){
        return redirect()->back()->with('success', 'Uspesno azurirana uloga!');
    else {
        return redirect()->back()->with('error','Greska pri azuriranju uloge!');
public function destroy($id) {
    $uloga = new Uloga();
    $uloga->id = $id;
    $rez = $uloga->delete();
    if($rez == 1){
       return redirect()->back()->with('success', 'Obrisana uloga!');
    else {
       return redirect()->back()->with('error','Greska pri brisanju uloge!');
```

Midlver



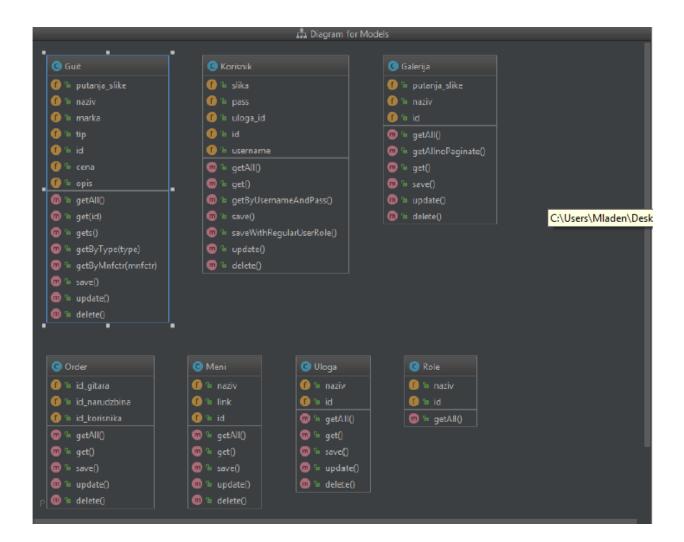
CheckIfLogged

```
class CheckIfLogged
{
    /**
    * Handle an incoming request.
    *
    * @param \Illuminate\Http\Request $request
    * @param \Closure $next
    * @return mixed
    */
    public function handle($request, Closure $next)
    {
        if($request->session()->has('user'))
            return redirect()->back()->with('error', 'Nemate pravo pristupa ovoj
        stranici');
        else return $next($request);
    }
}
```

CheckUserRole

```
<?php
namespace App\Http\Middleware;
use Closure;
class CheckUserRole
     * Handle an incoming request.
     * Cparam \Illuminate\Http\Request $request 
* Cparam \Closure $next
     * @return mixed
    public function handle($request, Closure $next)
        if ($request->session()->has('user')){
            $korisnik = $request->session()->get('user')[0];
            if($korisnik->username == 'adminko'){
                return $next($request);
            } else {
                return redirect()->back()->with('error','Nemate pravo pristupa ovoj
stranici!');
        return redirect()->back()->with('error','Nemate pravo pristupa ovoj
stranici!');
```

Modeli



Autor

Galerija

```
<?php
namespace App\Models;
use Illuminate\Support\Facades\DB;
class Galerija
   public $id;
   public $naziv;
   public $putanja slike;
   public function getAll(){
        $rezultat = DB::table('galerija')->paginate(6);
        return $rezultat;
   public function getAllnoPaginate() {
        $rezultat = DB::table('galerija')->get();
        return $rezultat;
   public function get(){
        $rezultat =
            DB::table('galerija')
                ->select('*')
                ->first();
        return $rezultat;
   public function save() {
        $rezultat = DB::table('galerija')->insert([
            'naziv' => $this->naziv,
            'putanja slike' => $this->putanja_slike
        ]);
        return $rezultat;
   public function update() {
        $data = [
            'naziv' => $this->naziv
        if(!empty($this->putanja_slike)){ // ako je upload-ovana slika
            $data['putanja slike'] = $this->putanja slike;
        $rez = DB::table('galerija')
            ->where('id',$this->id)
            ->update($data)
        return $rez;
   public function delete() {
        $rezultat = DB::table('galerija')
            ->where('id', $this->id)
            ->delete();
        return $rezultat;
```

}

Guit

```
<?php
namespace App\Models;
use Illuminate\Support\Facades\DB;
class Guit
    public $id;
    public $naziv;
    public $marka;
   public $tip;
   public $opis;
   public $putanja_slike;
   public $cena;
    public function getAll(){
        $rezultat = DB::table('gitare')->get();
        return $rezultat;
   public function get($id) {
            DB::table('gitare')
                ->select('*')
                ->where('id gitara', $id)
                ->first();
        return $rezultat;
    public function gets() {
        $rezultat =
            DB::table('gitare')
                ->select('*')
                ->where('id gitara', $this->id)
                 ->first();
        return $rezultat;
    public function getByType($type){
        $rezultat =
            DB::table('gitare')
                ->where('tip', $type)
                ->get();
        return $rezultat;
    public function getByMnfctr($mnfctr){
        $rezultat =
            DB::table('gitare')
                ->select('*')
                ->where('marka', $mnfctr)
```

```
->get();
    return $rezultat;
public function save() {
    $rezultat = DB::table('gitare')->insert([
         'naziv' => $this->naziv,
'marka' => $this->marka,
         'tip' => $this->tip,
'opis' => $this->opis,
         'putanja_slike' => $this->putanja_slike,
'cena' => $this->cena
    ]);
    return $rezultat;
public function update() {
    $data = [
         'marka' => $this->marka,
         'tip' => $this->tip,
         'opis' => $this->opis,
         'cena' => $this->cena
    if(!empty($this->putanja slike)){ // ako je upload-ovana slika
         $data['putanja slike'] = $this->putanja slike;
    $rez = DB::table('gitare')
        ->where('id gitara',$this->id)
        ->update($data)
    return $rez;
public function delete() {
    $rezultat = DB::table('gitare')
         ->where('id gitara', $this->id)
         ->delete();
    return $rezultat;
```

Korisnik

```
<?php
namespace App\Models;
use Illuminate\Support\Facades\DB;

class Korisnik
{
    public $id;
    public $username;
    public $pass;
    public $slika;
    public $uloga_id;</pre>
```

```
public function getAll() {
     $rezultat =
         DB::table('korisnik')
              ->select('*',
              ->join('uloga', 'uloga.id', '=', 'korisnik.uloga id')
              ->get();
     return $rezultat;
 public function get(){
     $rezultat =
         DB::table('korisnik')
             ->select('*')
             ->first();
     return $rezultat;
//Za Lozinku md5
 public function getByUsernameAndPass() {
     $rezultat =
         DB::table('korisnik')
              ->select('korisnik.*', 'uloga.naziv')
              ->join('uloga', 'korisnik.uloga_id', '=', 'uloga.id')
              ->where(['username' => $this->username, 'pass' => md5($this->pass)])
              ->first();
     return $rezultat;
// SAVE UPDATE I DELETE
// SAVE i SAVEUSER
 public function save() {
     $rezultat = DB::table('korisnik')->insert([
         'username' => $this->username,
          'pass' => md5($this->pass),
          'uloga id' => $this->uloga id
     1);
     return $rezultat;
 public function saveWithRegularUserRole(){
          'username' => $this->username,
          'pass' => md5($this->pass),
          'slika' => $this->slika,
          'uloga id' => '2'
     ]);
     return $rezultat;
 public function update() {
     $data = [
         'username' => $this->username,
          'pass' => md5($this->pass),
         'uloga id' => $this->uloga_id
```

Meni

```
<?php
namespace App\Models;
use Illuminate\Support\Facades\DB;
class Meni
    public $id;
    public $naziv;
    public $link;
    public function getAll(){
        $rezultat = DB::table('meni')->get();
        return $rezultat;
    public function get(){
        $rezultat =
            DB::table('meni')
                 ->where('id', $this->id)
                 ->first();
        return $rezultat;
    public function save() {
        $rezultat = DB::table('meni')->insert([
             'id' => $this->id,
             'naziv' => $this->naziv,
             'link' => $this->link
        return $rezultat;
   public function update() {
```

Order

```
<?php
namespace App\Models;
use Illuminate\Support\Facades\DB;
class Order
    public $id narudzbina;
    public $id gitara;
    public $id korisnika;
    public function getAll(){
        $rezultar = DB::table('narudzbina')->
             join('gitare', 'gitare.id_gitara', '=', 'narudzbina.id_gitara')->
join('korisnik', 'id', '=', 'narudzbina.id_korisnika')->
             get();
        return $rezultar;
    public function get(){
        $rezultat = DB::table('narudzbina')
                 ->select('*')
                 ->where('id narudzbina', $this->id narudzbina)
                 ->first();
        return $rezultat;
    public function save() {
        $rezultat = DB::table('narudzbina')->insert([
             'id gitara' => $this->id gitara,
             'id_korisnika' => $this->id_korisnika
        return $rezultat;
    public function update(){
```

Role

```
    namespace App\Models;
    use Illuminate\Support\Facades\DB;

// THIS CLASS IS MY ROLE MODEL (PUN INTENDED)

class Role
{
    public $id;
    public $naziv;

    public function getAll() {
        $rezultar = DB::table('uloga')->get();
        return $rezultar;
    }
}
```

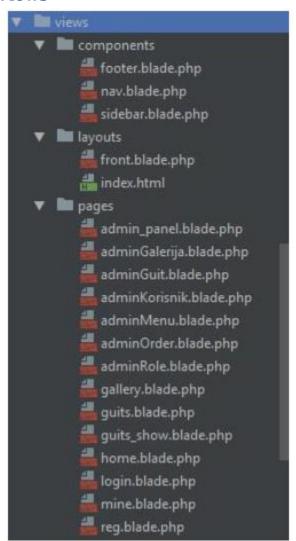
Uloga

```
<?php
namespace App\Models;
use Illuminate\Support\Facades\DB;

class Uloga {
    public $id;
    public $naziv;

    public function getAll() {
        $rezultat = DB::table('uloga')->get();
    }
}
```

Views



Components

Footer

Nav

```
<a class="navbar-brand" href="{{ route('home') }}">Mladen's Guitar
</div>
       @isset($menus)
           @foreach($menus as $menu)
               <a href="{{ route($menu->link) }}">{{ $menu->naziv}
           @endforeach
       @endisset
       @empty(session('user'))
       <a href="{{ route('login_page') }}">Logovanje</a>
       @endempty
       @if(session()->has('user'))
       <a href="{{ route('logout') }}">Logout</a>
       @endif
       @empty(session('user'))
       <a href='{{ route('reg page') }}'>Registracija</a>
       @endempty
       @if(session('isAdmin'))
       <a href='{{ route('admin panel') }}'>Admin Panel</a>
```

```
@endif

</div>

</div>

<!-- /.navbar-collapse -->

</div>

<!-- /.container-fluid -->
</nav>
```

Sidebar

```
<a href="{{ asset('/guitarsType/Acoustic') }}" class="list-group-item</pre>
asset('/guitarsMnfctr/Yamaha') }}">Yamaha</a>
asset('/guitarsMnfctr/Epiphone') }}">Epiphone</a>
              <a href="{{ asset('/guitarsType/Electric') }}" class="list-group-item</pre>
                  <a href="{{ asset('/quitarsMnfctr/LTD')}</pre>
asset('/guitarsMnfctr/Fender') }}">Fender</a>
             <a href="{{ asset('/guitarsType/Bass') }}" class="list-group-item"
                  class="list-group-item"><a href="{{ asset('/guitarsMnfctr/LTD')}</pre>
```

Layouts

Front

```
<link href="{{ asset('/') }}vendor/bootstrap/css/font-awesome.min.css"</pre>
<link href="{{ asset('/') }}css/main-style.css" rel='stylesheet'>
<link href="{{ asset('') }}css/style.css" rel='stylesheet'>
@include('components.nav')
```

```
<div class="col-lg-12">
        @empty(!session('error'))
            <div class="alert alert-danger">{{ session('error') }}</div>
        @endempty
        @empty(!session('success'))
            <div class="alert alert-success">{{ session('success') }} </div>
        @endempty
        @empty(!session('message'))
            <div class="alert alert-success">{{ session('success') }} </div>
        @endempty
    @yield('container 1')
    @include('components.sidebar')
    @yield('container 2')
</div>
<div class="col-md-12 download-app-box text-center">
@include('components.footer')
@section('appendJs')
<script src="{{ asset('/') }}vendor/jquery/jquery-1.10.2.js" >
<script src="{{ asset('/') }}vendor/bootstrap/js/bootstrap.js" ></script>
<script src="{{ asset('/') }}js/modernizr.custom.63321.js"></script>
<script src="{{ asset('/') }}js/jquery.catslider.js"></script>
```

```
<script>
    $(function () {

    $('#mi-slider').catslider();

    });
    </script>
@show

<!-- ENDJSCRIPTS -->

</body>
</html>
```

Pages

Admin_panel

AdminGalerija

```
@empty(!session('message'))
           {{ session('message') }}
    @endempty
    <form action="{{ (isset($galerija))? asset('/galls/update/'.$galerija->id) :
asset('/galls/store') }}" method="POST" enctype="multipart/form-data">
       {{ csrf field() }}
(isset($galerija))? $galerija->naziv : old('tbNaziv') }}"/>
           @isset($galerija)
               <img src="{{ asset($galerija->putanja_slike) }}" width="150"/>
           @endisset
           <input type="file" name="tbPic" class="form-control" />
       </div>
           <input type="submit" name="addGall" value="{{ (isset($galerija))? 'Change</pre>
gall' : 'Add gall' }} " class="btn btn-default" />
           Naziv
       @isset($galerije)
           @foreach($galerije as $galerija)
                    {{ $galerija->id }} 
                   {{ $galerija->naziv }} 
                   <img src="{{ asset($galerija->putanja_slike) }}"
                    <a href="{{ asset('/qalls/'.$qalerija->id) }}">Izmeni</a>
                    <a href="{{ asset('/galls/destroy/'.$galerija->id)
           @endforeach
       @endisset
@endsection
```

AdminGuit

```
@extends('layouts.front')
@section('appendjs')
    @parent
@endsection
@section('container 2')
    @if ($errors->any())
                @foreach ($errors->all() as $error)
                    {{ $error }}
                @endforeach
    @endif
    @empty(!session('message'))
           {{ session('message') }}
    @endempty
   <form action="{{ (isset($guit))? asset('/guits/update/'.$guit->id gitara) :
asset('/quits/store') }}" method="POST" enctype="multipart/form-data">
(isset($guit))? $guit->naziv : old('tbNaziv') }}"/>
(isset($quit))? $quit->marka : old('tbMarka') }}"/>
        </div>
(isset($guit))? $guit->tip : old('tbTip') }}"/>
(isset($guit))? $guit->opis : old('tbOpis') }}"/>
```

```
(isset($guit))? $guit->cena : old('tbCena') }}"/>
       </div>
          @isset($quit)
             <img src="{{ asset($guit->putanja slike) }}" width="150"/>
          @endisset
       <div class="form-group">
          <input type="submit" name="addGuit" value="{{ (isset($guit))? 'Change</pre>
guit' : 'Add guit' }} " class="btn btn-default" />
       </div>
          Id
          Naziv
          Marka
          Cena
          Izmeni
          Obrisi
       @isset($guits)
          @foreach($guits as $guit)
                 {{ $guit->id gitara }} 
                  {{ $guit->naziv }} 
                  {{ $guit->marka }} 
                  {{ $guit->tip }} 
                  {{ $guit->opis }} 
                  {{ $guit->cena }} 
                  <img src="{{ asset($guit->putanja slike) }}" width="150"/>
                  <a href="{{ asset('/quits/'.$quit->id qitara) }}">Izmeni</a>
                  <a href="{{ asset('/guits/destroy/'.$guit->id_gitara)}
          @endforeach
       @endisset
@endsection
```

```
@extends('layouts.front')
@section('appendjs')
   @parent
   </script>
@endsection
@section('container 2')
   @if ($errors->any())
              @foreach ($errors->all() as $error)
                  {{ $error }}
              @endforeach
   @endif
   @empty(!session('message'))
           {{ session('message') }}
   @endempty
   <form action="{{ (isset($guit))? asset('/guits/update/'.$guit->id gitara) :
asset('/guits/store') }}" method="POST" enctype="multipart/form-data">
       {{ csrf field() }}
       <div class="form-group">
(isset($guit))? $guit->marka : old('tbMarka') }}"/>
       </div>
(isset($quit))? $quit->tip : old('tbTip') }}"/>
(isset($guit))? $guit->opis : old('tbOpis') }}"/>
(isset($guit))? $guit->cena : old('tbCena') }}"/>
      </div>
```

```
<div class="form-group">
          @isset($guit)
             <img src="{{ asset($guit->putanja slike) }}" width="150"/>
          @endisset
          <input type="submit" name="addGuit" value="{{ (isset($guit))? 'Change</pre>
guit' : 'Add guit' }} " class="btn btn-default" />
          Tip
          Opis
          Cena
          Obrisi
      @isset($guits)
          @foreach($guits as $guit)
                 {{ $guit->id gitara }} 
                  {{ $guit->naziv }} 
                  {{ $guit->marka }} 
                  {{ $guit->tip }} 
                  {{ $guit->opis }} 
                  {{ $guit->cena }} 
                  <img src="{{ asset($quit->putanja slike) }}" width="150"/>
                 <a href="{{ asset('/guits/'.$guit->id_gitara) }}">Izmeni</a>
                 <a href="{{ asset('/guits/destroy/'.$guit->id gitara)}
             @endforeach
      @endisset
@endsection
```

AdminMeni

```
@extends('layouts.front')
@section('container_2')
```

```
@if ($errors->any())
             @foreach ($errors->all() as $error)
                {{ $error }}
             @endforeach
   @endif
   @empty(!session('message'))
         {{ session('message') }}
   @endempty
  <!-- <form action="{{ (isset($menu))? asset('/menus/update/'.$menu->id gitara) :
asset('/menus/store') }}" method="POST" enctype="multipart/form-data">
      {{ csrf field() }}
(isset($menu))? $menu->naziv : old('tbNaziv') }}"/>
(isset($menu))? $menu->marka : old('tbLink') }}"/>
Naziv
      @isset($menus)
          @foreach($menus as $menu)
                 {{ $menu->id }} 
                  {{  $menu->naziv }}  
                 {td> {{ $menu->link }} <!--
                  <a href="{{ asset('/menus/'.$menu->id) }}">Izmeni</a> 
                 <a href="{{ asset('/menus/destroy/'.$menu->id) }}">Obrisi</a>
          @endforeach
      @endisset
```

AdminOrder

```
@extends('layouts.front')
@section('container 2')
   @if ($errors->any())
              @foreach ($errors->all() as $error)
              @endforeach
       </div>
   @endif
   @empty(!session('message'))
       <div class="alert alert-danger">
     {{ session('message') }}
   @endempty
           Id
           Narucio
       @isset($orders)
          @foreach($orders as $order)
                  {{ $order->username }} 
           @endforeach
       @endisset
@endsection
```

AdminRole

Gallery

Guits

```
@extends('layouts.front')
@section('container_2')
    @if ($errors->any())
               @foreach ($errors->all() as $error)
                   {{ $error }}
               @endforeach
           @endif
   @isset($quits)
       @foreach($guits as $guit)
                       <a href="{{ asset('/guits_show/' . $guit->id_gitara) }}"><img
src="{{ $guit->putanja_slike }}" alt=""/></a>
                           <h3><a href="{{ asset('/guits_show/' . $guit->id_gitara)
}}">{{ $guit->naziv }}</a></h3>
                           Cena: <strong>{{ $guit->cena }}</strong> 
                           <a href="{{ asset('/guits_show/' . $guit->id_gitara)}
       @endforeach
    @endisset
@endsection
```

Guits_show

```
@extends('layouts.front')
@section('container 2')
   @if ($errors->any())
              @foreach ($errors->all() as $error)
                  {{ $error }}
              @endforeach
          @endif
   @isset($guit)
                  <img src="{{ $guit->putanja_slike }}" alt=""/>
                      <h3>{{ $guit->naziv }}</h3>
                      Cena: <strong>{{ $guit->cena }}</strong> 
                      {{ $guit->opis }}
                      <a href="{{ asset('/guit order/' . $guit->id gitara) }}"
          </div>
   @endisset
@endsection
```

Home

```
@endsection
@section('container_2')
@endsection
```

Login

Mine

Reg

Routes

Web

```
// GITARE
    Route::get('/guits/{id?}', 'GuitsController@show');
Route::post('/guits/store', 'GuitsController@store');
    Route::post('/guits/update/{id}','GuitsController@update');
Route::get('/guits/destroy/{id}','GuitsController@destroy');
   // MENI
         Route::get('/menus/{id?}', 'MeniController@show');
Route::post('/menus/store', 'MeniController@store');
Route::post('/menus/update/{id}','MeniController@update');
         Route::get('/menus/destroy/{id}','MeniController@destroy');
         // NARUDZBINA
         Route::get('/orders/{id?}', 'OrderController@show');
Route::post('/orders/store', 'OrderController@store');
         {\tt Route::} \overline{post(\texttt{'/orders/update/\{id}\}\texttt{','OrderController@update'});}
         Route::get('/orders/destroy/{id}','OrderController@destroy');
         // ULOGE
         Route::get('/roles', 'RoleController@show');
// LOGIN I LOGOUT I REGISTRACIJA SVI POD MIDLVEROM
Route::get('/logout', 'LoginController@logout')->name('logout');
Route::group(['middleware' => 'login'], function(){
    Route::get('/login_page', 'FrontendController@login_page')->name('login_page');
     Route::post('/login', 'LoginController@login')->name('login');
     Route::get('/req page', 'FrontEndController@req page')->name('req page');
     Route::post('/reg', 'KorisnikController@store')->name('reg');
});
// GUITS
Route::get('/guitars', 'GuitsController@guitars')->name('guitars');
Route::get('/guitarsType/{type}', 'GuitsController@guitarsByType');
Route::qet('/quitarsMnfctr/{mnfctr}', 'GuitsController@guitarsByMnfctr');
Route::get('/guits show/{id}', 'GuitsController@guitar_specific');
Route::get('/guit order/{id}', 'OrderController@guit order');
// OAUTORU
Route::get('/autor', 'FrontendController@autor')->name('autor');
```

```
// GALERIJA
Route::get('/gallery', 'GalerijaController@gallery')->name('gallery');
// DOKUMENTACIJA
Route::get('/doc', 'FrontendController@doc')->name('doc');
```