Visoka škola strukovnih studija za informacione I
telekomunikacione tehnologije

CAR ZONE

https://adamnik101.github.io/web_1/

Smer: Internet tehnologije

Modul: Web programiranje

Predmet: Web programiranje 1

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## Sadržaj

1. Uvod

1.1. Korišćene tehnologije:

- HTML 5
- CSS3
- Bootstrap
- Javascript
- jQuery
- jQuery owl-carousel plugin
- Gimp v2.10.22 (optimizacija slika i skaliranje rezolucije)
- Visual Studio Code

1.2. Opis funkcionalnosti:

- Preloader koji se prikazuje dok se cela stranica ne ucita
- Dinamičko ucitavanje navigacionog menija i side navigacije
- Pojavljivanje dugmeta, koji korisnika klikom na isto vraca na vrh stranice
- Meni je prilagođen za sve vrste uređaja tako da se na manjim rezolucijama prilagodi veličini ekrana i ujedno se pojavljuje hamburger i klikom na njega se otvara side navigacija
- Naslov u slajderu se prikazuje uz slide in efektom sa desne strane
- Dinamičko učitavanje sekcije ispod glavnog slajdera sa isprogramiranim slide in I fade in efektom, koji se realizuje nakon što skrolujemo određeni broj piksela na dole
- Dinamički realizovan slajder (owl-carousel jQuery plugin) sa mogućim skrolovanjem po x-osi I mogućim klikom u sekciji pored na određeno dugme, koje pomera slajder levo ili desno u zavisnosti koji je pritisnut I nasumično postavlja različite automobile svaki put kada se stranica učita i ta grupa dugmadi se uklanja na manjim rezolucijama
- Dinamičko prikazivanje sekcije sa svim istaknutim automobilima, svaki put kada korisnik učita stranicu, automobili se postavljaju nasumično. Prvih 6 je vidljivo pri učitavanju stranice, dok klikom na dugme u dnu sekcije prikazaće se jos 3 automobila sa animacijom fade in i slide in, jedan za drugim koji se ispisuju nasumično I tako sve dok korisnik ne stigne do kraja
- Dinamičko učitavanje modala koji se prikazuje kada korisnik pritisne na dugme da vidi više informacija o automobilima u sekciji istakutih automobila, koji u sebi sadrzi slajder(owl-carousel jQuery plugin) I jos informacija o određenom automobilu.
- U sekciji pored forme postoji realizovan slajder sa crossfade efektom (owl-carousel)
- Provera podataka korisnika regularnim izrazima. Korisnik ima opciju da bira izmedju plaćanja kešom ili kreditnom karticom, ako izabere da plati karticom, dinamički se ispisuju još tri dodatna polja za korisnika da unese podatke sa kartice I koji isto sadrže regularne izraze
- Olakšavanje korisniku pomoću Bootstrap 4 tooltips-a da lakše popuni formu ispravnim podacima
- Dinamičko kreiranje modala koji obaveštava korisnika da je zahtev potvrđen, koji sadrži osnovne informacije korisnika
- Dinamičko ispisivanje sadržaja o utiscima korisnika
- Isprogramirani tabovi preko jQuery-ja i dinamičko ispisivanje sadržaja
- Dinamičko ispisivanje sadržaja u about sekciji

1.3   Template

Za Izradu sajta nije korišćen preuzet template
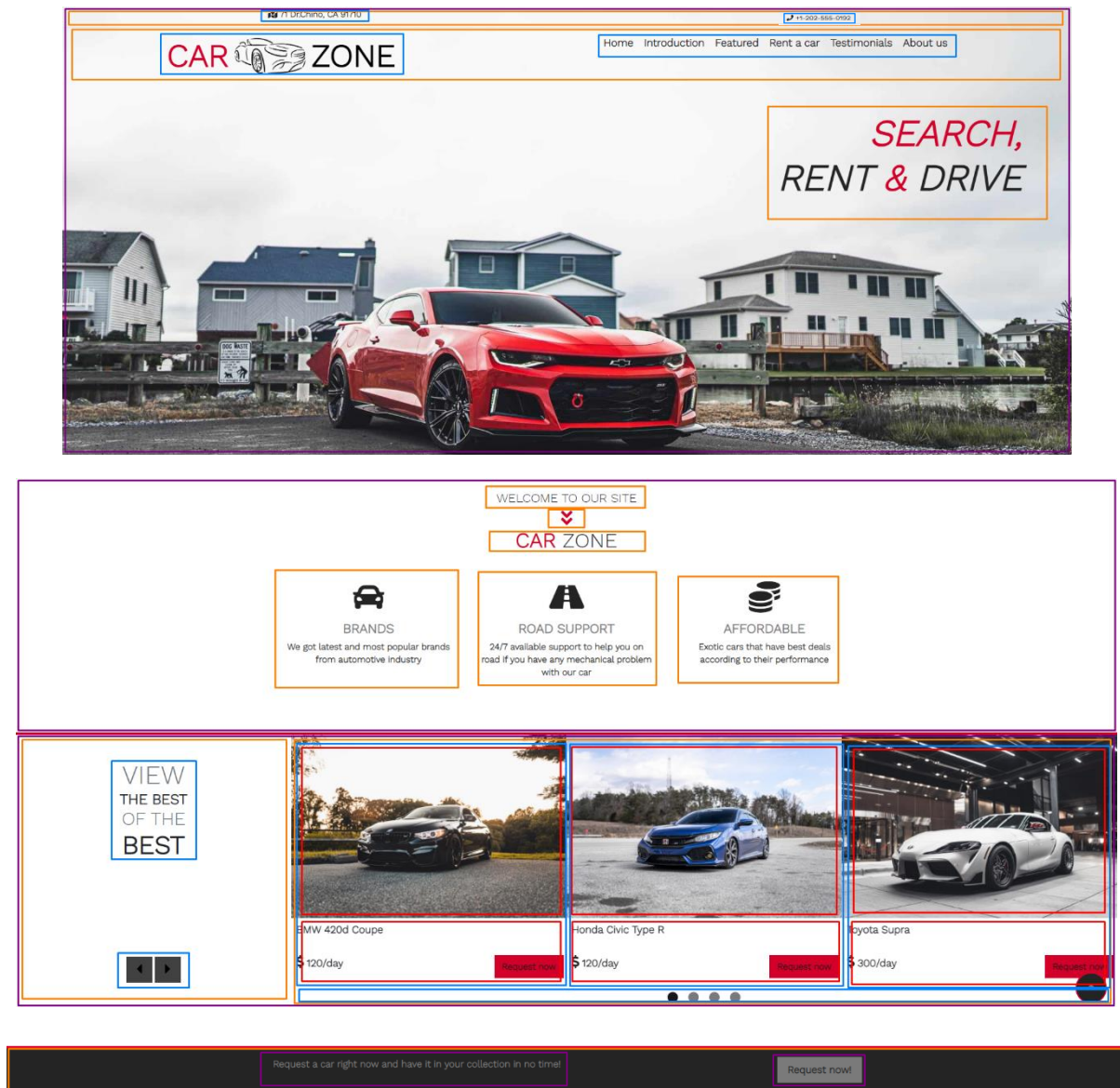
All Featured Cars

Choose one of our best deals!

Toyota Supra
$ 300/day 382hp
See more

Subaru WRX
$ 130/day 360hp
See more

Dodge Challenger
$ 200/day 700hp
See more

Honda Civic Type R
$ 120/day 350hp
See more

BMW 420d Coupe
$ 120/day 310hp
See more

Subaru Impreza STi
$ 130/day 340hp
See more

More cars ⌄

Request form

Fill out the form below to request a car

Full name

E-mail

Payment method: ⓘ
○ Cash
○ Credit card

Pick up: дд.мм.гггг.

Drop off: дд.мм.гггг.

Choose a brand ⇕

Choose a model ⇕

Order now!

🛡 Secured and powered by Norton

━━ Testimonials ━━

We strive to give our customers best experience

"

★★★★★

During all the years we have rented a car from you, there has never been any problems. We are satisfied with both price and quality of your cars!

— *Michael De Santa*

"

★★★★★

Thank you all once again for your exceptional service level. The customer experience served by everyone at CarZone is 1st class!

— *Trevor Philips*

"

★★★★★

Friendly and reliable service on site. The booking went smoothly and was handled quickly. The car was perfect and very new!

— *Franklin Clinton*

━━About Us━━

That wonderful feeling – you start the engine and your adventure begins...

At Car Zone everything we do is about giving you the freedom to discover more. We'll move mountains to find you the right rental car, and bring you a smooth, hassle-free experience from start to finish. Here you can find out more about how we work.

| What we're about | How we work | Why use us | Who we are |

What we're about

We want to make renting a car as simple and personal as driving your own. Renting a car brings you freedom, and we'll help you find the right car for you at a great price. But there's much more to us than that. We're here to make renting a car a lot less hassle.

CAR ZONE

✔ **Mon-Fri:** 06-22
✔ **Sat-Sun:** 09-15
✔ **Holidays:** 12-17

Information

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2.0 Organizacija sajta

2.1 Organizaciona šema

Ovaj sajt sadrži jednu stranicu (index.html)

2.2 Mapa sajta

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/9">
 <url>

<loc>https://adamnik101.github.io/web_1/index.html</loc>
 <lastmod>2020-12-16</lastmod>
 <changefreq>daily</changefreq>
 <priority>1</priority>
 </url>
</urlset>
```

2.3   Slike sekcija sajta i opis funkcionalnosti

Preloader

Pre učitavanja cele stranice, prikazuje se fiksni preloader koji u sebi sadrži .gif i nakon učitavanja cele stranice uklanja se sa fadeOut efektom.
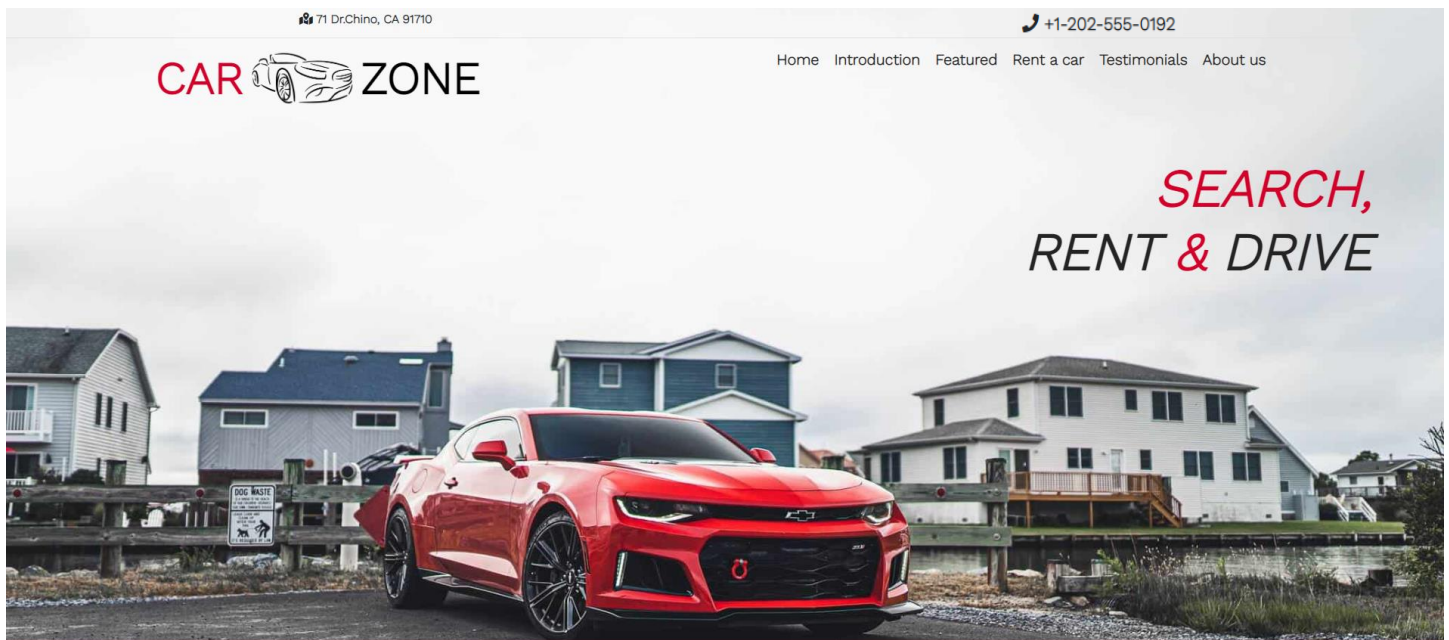
Prva sekcija koja je vidljiva nakon učitavanja stranice jeste Header sa pozadinskom slikom. Naslov se prikazuje sa slide in efektom. Sekcija sadrži navigaciju koja se dinamički učitava. Navigacija se pri manjim rezolucijama uklanja i pojavljuje se „hamburger" koji klikom na njega prikazuje side bar navigaciju i svaki element liste linkova se pojavljuje sa slide in efektom, jedan za drugim
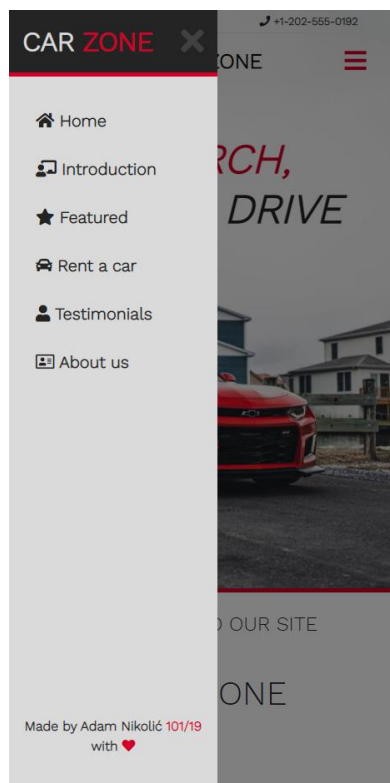
Navigacija na manjim rezolucijama
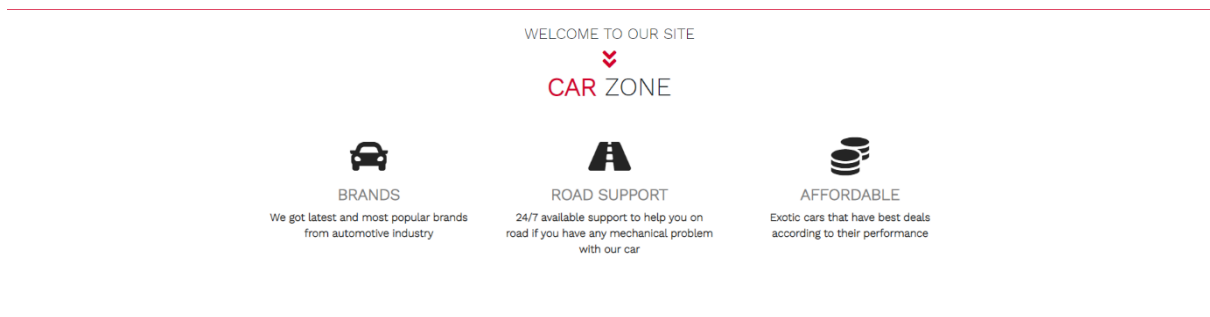
Uvodna sekcija sadrži naslove i tri bloka sa informacijama koji se dinamički ispisuju i ta tri bloka se prikazuju tek nakon što korisnik skroluje ka dole određeni broj piksela sa slide in i fade in efektom.

VIEW
THE BEST
OF THE
BEST

Mercedes 450 CLS

$ 160/day

Subaru Impreza STi

$ 130/day   Request now

BMW 420d Coupe

$ 120/day   Request now

Request now
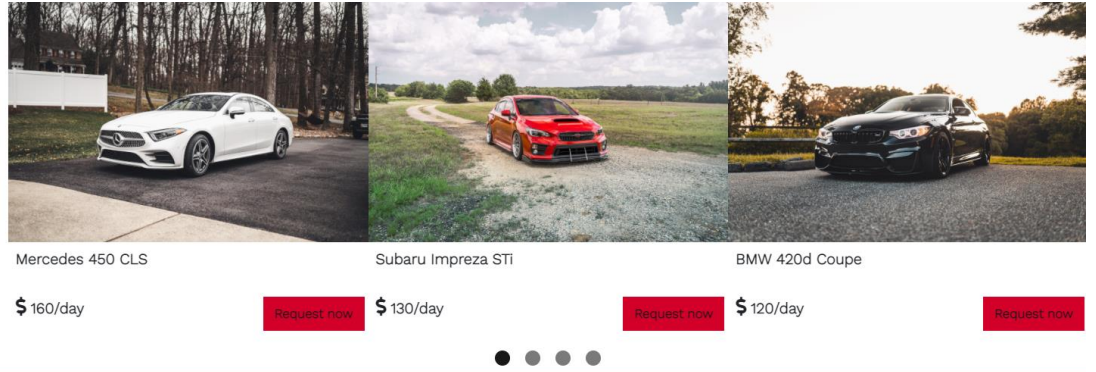
Ova sekcija sadrži slajder (jQuery owl-carousel plugin), svaki artikal tog slajdera se dinamički učitava i nasumično se bira sadržaj iz niza svaki put kada korisnik učita stranicu. Slajder se automatski pokrece na desno za jedan artikal nakon određenog vremena, nakon sto stigne do kraja vraca se na prvi element. Korisniku je omogućeno da pomera slajder levo ili desno u zavisnosti od toga na koje je dugme kliknuo pored slajdera. Dugmad se uklanjaju na manjim rezolucijama. Ujedno mu je omogućeno da zadržavanjem klika levog tastera miša preko artikla skroluje levo ili desno. Slajder sadrži i paginaciju u dnu sekcije. Klikon na dugme „Request now", korisnik se salje ka formu i automatski mu se popunjava brend automobila i model u zavisnosti koji je prethodno pritisnuo

Request a car right now and have it in your collection in no time!   Request now!
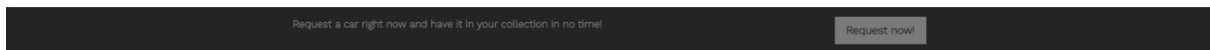
Sekcija koja sadrži tekst i dugme koje vodi ka formi za popunjavanje.
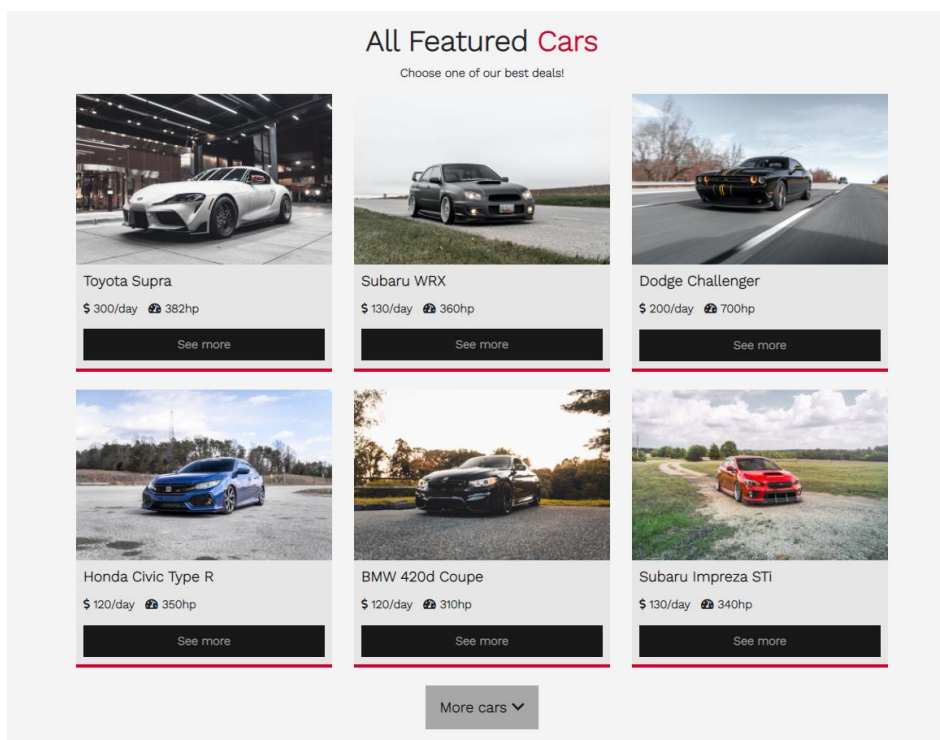
Ova sekcija sa istaknutim automobilima sadrzi artikle automobila koji se prvih 6 dinamički i nasumično učitavaju iz niza svaki put kada korisnik učita stranicu. Ovi artikli sadrže osnove informacije o automobilima. Klikom na dugme „See more" prikazuje se modal sa fadeIn efektom koji sadrzi više informacija o automobilu. Modal ujedno sadrzi i slajder sa slikama i dugme „Request now" koji šalje korisnika ka formi za popunjavanje sa automatskim selektovanjem dropdown liste u formi na osnovu izabranog automobila. Klikom na dugme „More cars" ispisuju se jos 3 automobila koja nisu vec bila učitana među prvih 6 artikala. I tako sve dok korisnik ne stigne do kraja. Novi artikli se prikazuju uz animaciju fade in i slide in, jedan nakon drugog.
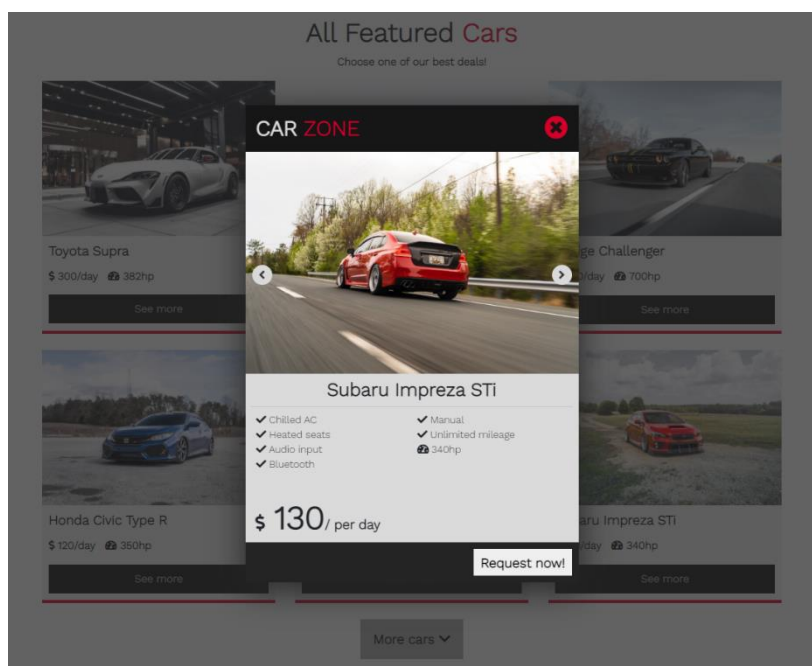
Modal sa slajderom i vise informacija o određenom automobilu

All Featured Cars

Choose one of our best deals!

Toyota Supra

$ 300/day 382hp

See more

Subaru WRX

$ 130/day 360hp

See more

Dodge Challenger

$ 200/day 700hp

See more

Honda Civic Type R

$ 120/day 350hp

See more

BMW 420d Coupe

$ 120/day 310hp

See more

Subaru Impreza STi

$ 130/day 340hp

See more

Chevrolet ZL1

$ 180/day 650hp

See more

Ford Mustang

$ 160/day 750hp

See more

Ford F-150

$ 160/day 280hp

See more

BMW X6m

$ 120/day 310hp

See more

Mercedes 450 CLS

$ 160/day 375hp

See more
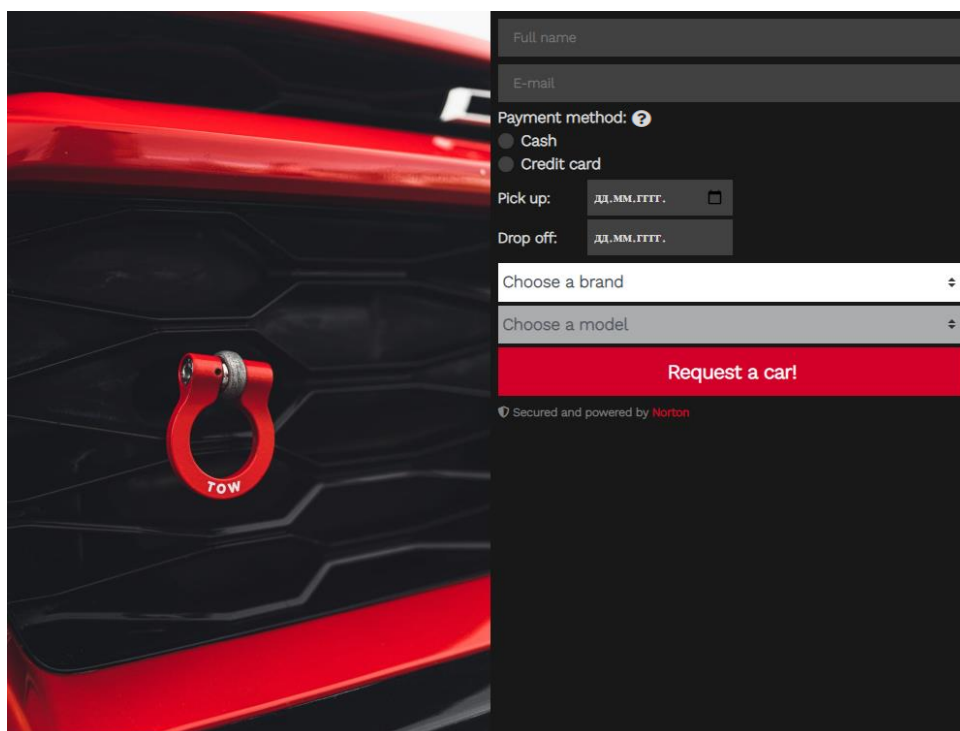
Mitsubishi EVO X

$ 110/day 290hp

See more

Sekcija sa svim automobilima nakon sto je korisnik stigao do kraja pritiskom na dugme "More cars"

Forma za popunjavanje

Sa leve strane forme, nalazi se owl-carousel slider sa crossfade efektom, sa promenom slike na svakih 10 sekundi. Desno se nalazi forma za popunjavanje podacima koji se proveravaju regularnim izrazima. Korisnik unosi osnovne podatke o sebi i bira koji će automobil da rentuje na određeni broj dana. Ukoliko korisnik ne unese ispravne podatke, izlaskom iz tog polja, ispisuje se greska i polje dobija crvenu borduru. Zajedno sa greskom prikazuje se i tooltip (Bootstrap 4) koji ako korisnik pređe mišem preko njega, olakšava korisniku unos ispravnih podataka. Korisnik ima opciju da bira između metoda plaćanja (Cash ili Credit card). Ukoliko izabere opciju da plaća karticom, dodatno se dinamički ispisuju nova 3 polja za unos podataka sa kartice, ta polja isto sadrže proveru regularnim izrazima. Korisnik isto mora da unese datum kada bi mu odgovaralo da započne trajanje usluge. Ograničen je da ne moze istog dana da zapocne trajanje i da istog i zavrsi, usluga maksimalno moze da traje 30 dana. Dok ne izabere „Pick up" datum, „Drop off" unos je zabranjen, „Pick up" datum je ogranicen tako da korisniku nije omoguceno da izabere bilo koji datum pre tekućeg datuma. „Drop off" datum se proverava tako da korisnik ne može da unese datum pre današnjeg. Isto će se tako ispisati greška ukoliko korisnik izabere „Drop off" datum da traje duže od 30 dana od početka usluge koju je zadao u prethodnom polju. Korisnik isto ima opciju da bira brend automobila i na osnovu koji izabere, nakon toga se dinamički ispisuju dostupni modeli tog brenda. Nakon što korisnik ispravno unese podatke u polje, to polje dobija zelenu borduru i greška se uklanja. Ako su svi podaci ispravni, korisnik pritiskom na dugme „Request Now!" salje podatke i nakon toga se dinamički ispisuje modal sa porukom da je uspešno poslao zahtev za odredjeni automobil i ispisuje se ukupna cena tog automobila za „x" dana koliko je korisnik izabrao. A ako korisnik ponovo pokusa da podnese zahtev, ispisuje mu se modal koji mu govori da je vec podneo zahtev za odredjeni automobil.

Forma koja zadovoljava jedino polje za ime i prezime

Dodatna tri polja ukoliko korisnik izabere plaćanje karticom

Tooltip za pomoć pri unosu podataka

14

Forma koja zadovoljava sva polja

Modal koji se ispisuje nakon uspešnog slanja

Modal koji se ispisuje nakon sto korisnik pokusa ponovo da podnese zahtev za auto
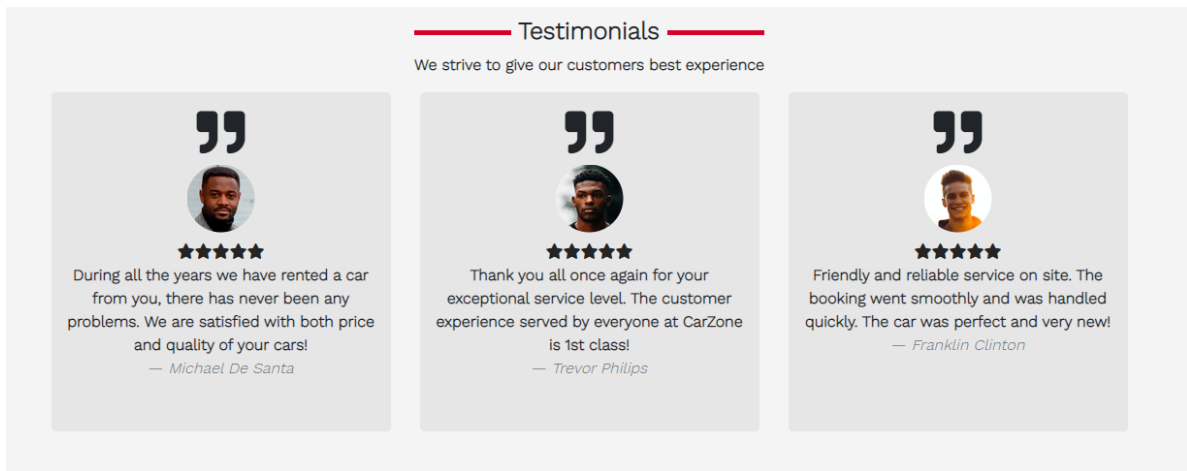
Sekcija sa utiscima

Sekcija sa utiscima korisnika se dinamički ispisuje iz niza, svaki artikal ima efekat kad se pređe mišem preko artikla.
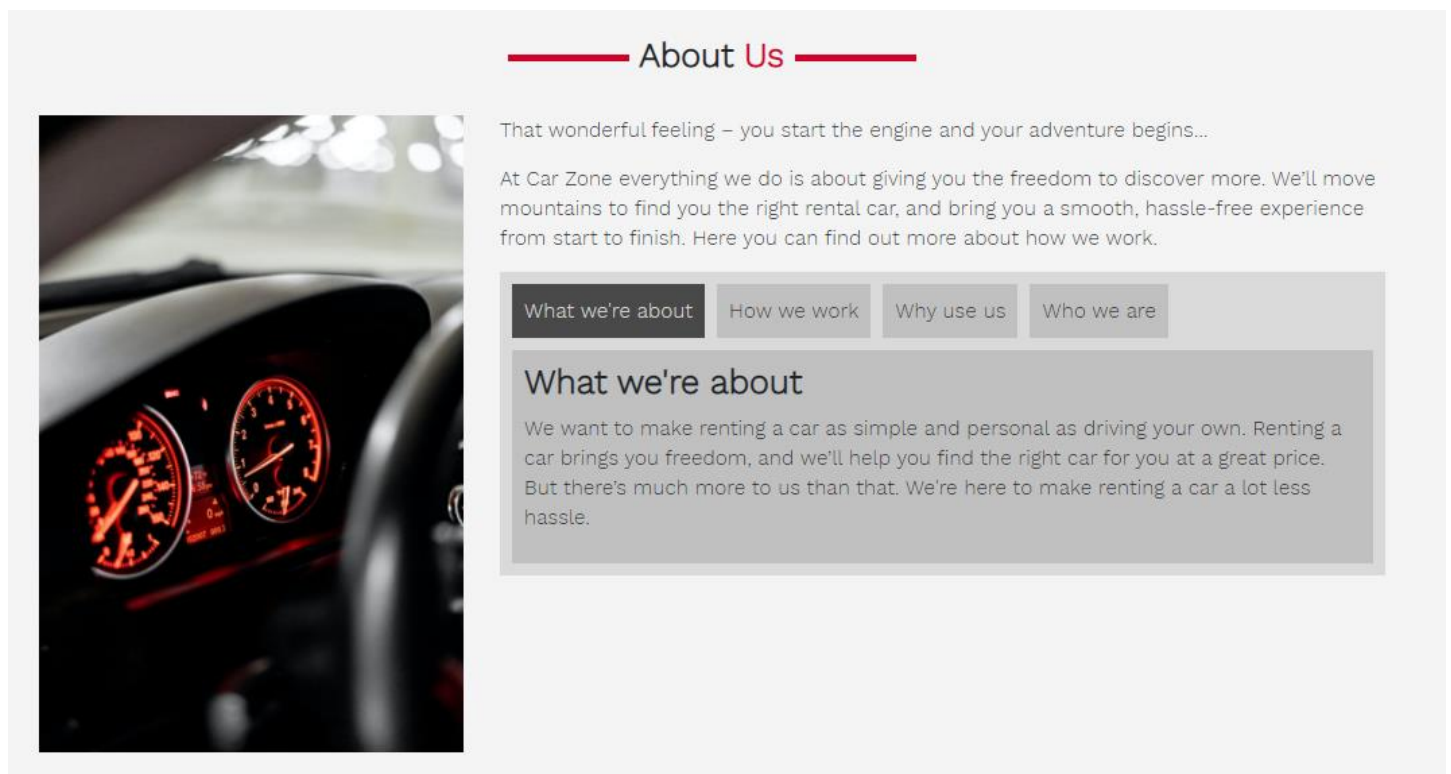
Sekcija „About us" sadrži sliku sa leve strane, dok sa desne se nalazi tekst i isprogramirani tabovi pomoću jQuery-ja. Klikom na bilo koji drugi tab, prethodni tab gubi klasu „active" i dodaje se drugom tabu koji je kliknut i sadržaj ispod se menja za taj tab sa efektom. Sadrzaj je dinamički ispisan.
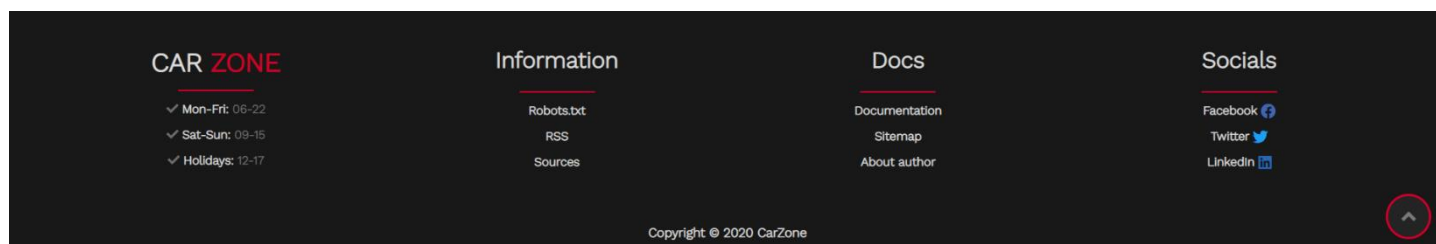
U footer-u se nalaze osnovni podaci o radnom vremenu kompanije, sva potrebna dokumentacija i linkovi ka socijalnim mrežama. Klikom na „About author" dinamicki se ispisuje sadržaj o autoru pomoću modala sa fadeIn efektom.
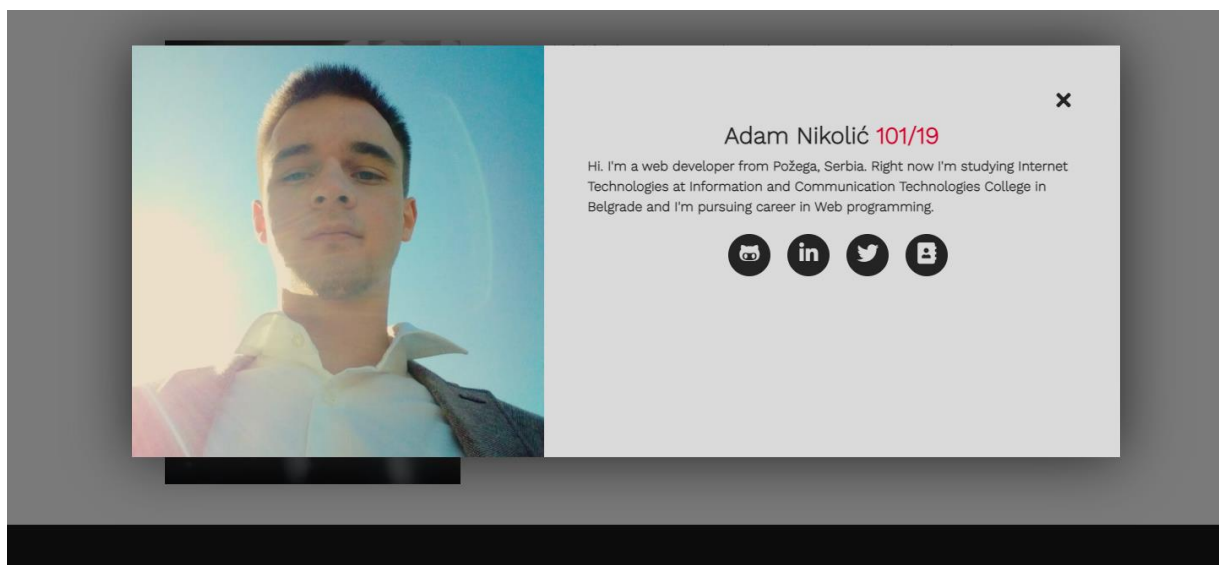
Informacije o autoru

3.0 Kodovi

3.1 Index.html

```html
<!DOCTYPE html>

<html lang="en">
<head>
    <!-- Meta tags-->
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="author" content="Adam Nikolić">
    <meta name="keywords" content="cars, car, rent, carzone, Carzone">
    <meta name="description" content="Do you want to have an amazing experience with cars, ev
en if you don't have one. We got you covered. Car Zone">
    <!-- Title -->
    <title>CarZone - Rent a car</title>
    <!-- Favicon -->
    <link rel="shortcut icon" href="assets/img/favicon.png" type="image/x-icon"/>
    <!-- Font Awesome -->
    <script src="https://kit.fontawesome.com/ef2b9c3629.js" crossorigin="anonymous"></script>
    <!-- CSS files -->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootst
rap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="anonymous">
    <link rel="stylesheet" href="assets/css/dist/style.min.css" type="text/css">
    <!-- jQuery owl carousel plugin -->
    <link rel="stylesheet" href="assets/owlcarousel/owl.carousel.min.css">
    <link rel="stylesheet" href="assets/owlcarousel/owl.theme.default.min.css">
</head>
<body>
    <div class="preloader">
      </div>
    <!-- HEADER -->
    <div class="container-fluid" id="canvas">
        <button id="btnTop"><i class="fas fa-angle-up"></i></button>
        <div class="row pt-1 pb-1 border-bottom">
            <div class="col-12 d-flex justify-content-around p-0">
                <span class="font-weight-bold">
                    <i class="fas fa-map-marked-alt"></i> 71 Dr.Chino, CA 91710
                </span>
                <span class="font-weight-bold">
                    <i class="fas fa-phone"></i> +1-202-555-0192
                </span>
        </div>
        </div>
        <div class="row pt-2 d-flex justify-content-between" id="fixed">
            <div class="col-10 col-md-5 d-flex justify-content-center logo pl-md-5">
                <a href="https://adamnik101.github.io/web_1/">
                    <span class="logo-text leviTekst">CAR</span>
```

```html
                    <img src="assets/img/logo-black.png" alt="logo">
                    <span class="logo-text">ZONE</span>
                </a>
            </div>
            <div class="col-12 col-md-7 d-none d-lg-block p-0" id="navigacija">
            </div>
            <div id="openSide" class="d-block d-lg-none">
                <div class="d-flex align-items-center justify-content-around naslovBtn">
                    <h2 id="naslovSide">CAR <span>ZONE</span></h2>
                    <button id="closeSide">
                        <i class="fas fa-times"></i>
                    </button>
                </div>
                <div id="copy">
                    <p class="m-0 text-
center">Made by <a href="https://adamnik101.github.io/adamportfolio/">Adam Nikolić <span>101/
19</span></a> with <span><i class="fas fa-heart"></i></span> </p>
                </div>
            </div>
            <div class="col-2 d-block d-lg-none p-0">
                <button id="clickSide">
                    <i class="fas fa-bars"></i>
                </button>
            </div>
        </div>
        <div class="row">
            <div class="col-12 p-1 p-sm-3 mt-5 mt-md-1 pr-0 pr-md-5">
                <h2 class="canvasTekst pt-2 pt-md-0 m-md-5">
                    SEARCH,</br> <span>RENT</span> & <span>DRIVE</span>
                </h2>
            </div>
        </div>
    </div>
    <!-- HEADER END -->
    <!-- NASLOVI START -->
    <div class="container-fluid">
        <div class="container">
            <div class="row mb-5 naslovContent" id="naslov">
            </div>
        </div>
    </div>
    <!-- NASLOVI END -->
    <!-- OWL CAROUSEL START -->
    <div class="container-fluid">
        <div class="row secondRow-cars">
            <div class="col-12 col-sm-5 col-md-4 col-lg-3 d-flex align-items-sm-center flex-
column upcoming pb-5 pb-sm-0">
                <h3 class="text-center d-block mb-auto featured mt-5">
```

```html
                    <span class="d-block text-muted w">VIEW</span>
                    <span class="d-block font-weight-bold t">THE BEST</span>
                    <span class="d-block text-muted">OF THE</span>
                    <span class="d-block font-weight-bold w">BEST</span>
                </h3>
                <div id="grupaDugmad" class="p-5 mx-auto d-none d-sm-block">
                    <button name="levoAutomobili" id="btnLevo">
                        <i class="fas fa-caret-left"></i>
                    </button>
                    <button name="desnoAutomobili" id="btnDesno">
                        <i class="fas fa-caret-right"></i>
                    </button>
                </div>
            </div>
            <div class="col-12  col-sm-7 col-md-8 col-lg-9 d-flex justify-content-center p-
0" id="automobili">
            </div>
        </div>
    </div>
    <!-- OWL CAROUSEL END-->
    <!-- SMALL TEXT AND BUTTON START-->
    <div class="container-fluid" id="request">
        <div class="container">
            <div class="row pt-3 pb-3">
                <div class="col-12 col-md-8 d-inline">
                    <p class="text-left align-middle">
                        Request a car right now and have it in your collection in no time!
                    </p>
                </div>
                <div class="col-12 col-md-4 d-flex align-items-center justify-content-end">
                    <a href="#formNaslov" id="requestBtn">Request now!</a>
                </div>
            </div>
        </div>
    </div>
    <!-- SMALL TEXT AND BUTTON END -->
    <!-- FEATURED START -->
    <div class="container-fluid" id="featuredSection">
        <div class="container">
            <div class="row">
                <div class="col">
                    <h4 class="text-center pt-5 font-weight-bold">
                        All Featured <span>Cars</span>
                    </h4>
                    <p class="text-center font-weight-bold">
                        Choose one of our best deals!
                    </p>
                </div>
```

```html
                </div>
            </div>
            <div class="container">
                <div class="row justify-content-around" id="showCars">
                </div>
            </div>
            <span class="d-flex justify-content-center">
                <button type="button" id="loadMore">
                    More cars <i class="fa fa-chevron-down"></i>
                </button>
            </span>
        </div>
        <!-- FEATURED END -->
        <!-- FORM START-->
        <div class="back container-fluid p-0 pb-5">
            <div class="container-lg">
                <div class="row p-3" id="formNaslov">
                    <div class="col text-center">
                        <p class="m-0">
                            <span class="naslovBorder"></span>
                            Request form
                            <span class="naslovBorder"></span>
                        </p>
                        <p id="fillForm">
                            Fill out the form below to request a car
                        </p>
                    </div>
                </div>
                <div class="row d-flex justify-content-center">
                    <div class="formSlide">
                        <div class="owl-carousel" id="fadeOwl">
                            <div class="item">
                                <img src="assets/img/form1.jpg" alt="car">
                            </div>
                            <div class="item">
                                <img src="assets/img/form3.jpg" alt="car">
                            </div>
                            <div class="item">
                                <img src="assets/img/form4.jpg" alt="car">
                            </div>
                            <div class="item">
                                <img src="assets/img/form5.jpg" alt="car">
                            </div>
                        </div>
                    </div>
                    <div class="requestForm p-2">
                        <form id="form" name="formRequest" method="POST">
                            <div class="form-group row col-12 p-0 ml-0 mb-2">
```

21

```html
                                    <input type="text" class="w-
100" placeholder="Full name" id="fullName">
                                    <span id="fullNameError" class="greskaTekst"></span>
                            </div>
                            <div class="form-group row col-12 p-0 ml-0 mb-1">
                                    <input type="email" class="w-100" placeholder="E-mail" id="mail">
                                    <span id="mailError" class="greskaTekst"></span>
                            </div>
                            <div class="form-row col-12 p-0 p-0 ml-0 mb-1" id="card">
                                    <div class="col-12 p-0">
                                            <span class="m-0">
                                                Payment method:
                                                <i class="fas fa-info-circle" data-toggle="tooltip" data-
placement="bottom" title="Credit card payment only accepts Mastercard!"></i></i>
                                            </span>
                                            <div class="custom-control custom-radio">
                                                    <input class="custom-control-
input" type="radio" name="payment" id="cash" value="cash">
                                                    <label class="custom-control-label" for="cash">
                                                        Cash
                                                    </label>
                                            </div>
                                            <div class="custom-control custom-radio">
                                                    <input class="custom-control-
input" type="radio" name="payment" id="creditCard"value="creditCard">
                                                    <label class="custom-control-label" for="creditCard">
                                                        Credit card
                                                    </label>
                                            </div>
                                            <span id="paymentError" class="greskaTekst"></span>
                                    </div>
                            </div>
                            <div class="form-row col-12 p-0 ml-0 mb-1">
                                    <div class="col-10 col-sm-6 p-0">
                                            <div class="form-group col-12 p-0 ml-0 mb-1 date">
                                                    <div class="d-flex justify-content-between align-items-
center">
                                                        <label for="pick" class="m-0">Pick up:</label>
                                                        <input type="date" id="pick">
                                                    </div>
                                                    <div class="d-flex justify-content-between align-items-
center mt-1">
                                                        <label for="drop" class="m-0">Drop off:</label>
                                                        <input type="date" id="drop">
                                                    </div>
                                            </div>
                                    </div>
                            </div>
```

```html
                        <div class="row m-0">
                            <div class="col-12 p-0">
                                <p id="pickError" class="greskaTekst w-100 mb-0"></p>
                                <p id="dropError" class="greskaTekst w-100 mb-0"></p>
                                <p id="allError" class="greskaTekst w-100 mb-0"></p>
                            </div>
                        </div>
                        <span class="form-group row col-12 ddlCar p-0 ml-0 mb-1">
                            <select name="type" id="carType" class="custom-select">
                                <option value="0">Choose a brand</option>
                            </select>
                            <span id="brandError" class="greskaTekst"></span>
                        </span>
                        <span class="form-group row col-12 ddlCar p-0 ml-0 mb-1">
                            <select name="model" id="carModel"class="custom-select">
                            </select>
                        </span>
                        <span class="form-group row col-12 submitButton p-0 ml-0 mb-1">
                            <input type="submit" id="searchBtn" value="Request a car!"/>
                        </span>
                        <span id="secured"><i class="fas fa-shield-
alt"></i> Secured and powered by <span>Norton</span></span>
                    </form>
                </div>
            </div>
        </div>
    </div>
    <!-- FORM END -->
    <!-- TESTIMONIAL START -->
    <div class="container-fluid pb-5" id="TestimonialsSection">
        <div class="container">
            <div class="row">
                <div class="col-12 text-center">
                    <h6><span class="naslovBorder"></span> Testimonials <span class="naslovBo
rder"></span></h6>
                    <p>We strive to give our customers best experience</p>
                    <div class="row" id="testimonials">
                    </div>
                </div>
            </div>
        </div>
    </div>
    <!-- TESTIMONIAL END -->
    <!-- ABOUT START -->
    <div class="container-fluid pb-5" id="about">
        <div class="container">
            <div class="row">
                <div class="col-12 text-center">
```

```html
                    <h3><span class="naslovBorder"></span> About <span>Us</span> <span class=
"naslovBorder"></span></h3>
                </div>
                <div class="col-12 text-left p-0 pt-4">
                    <div class="row m-0">
                        <div class="col-lg-4 d-lg-block d-md-none d-
block imageAbout"><img src="assets/img/about1.jpeg" class="img-fluid" alt="dashboard-
gauge"></div>
                        <div class="col-lg-8 col-12 textAbout">
                            <p class="mt-4 mt-md-
0">That wonderful feeling – you start the engine and your adventure begins…</p>
                            <p>At Car Zone everything we do is about giving you the freedom t
o discover more. We'll move mountains to find you the right rental car, and bring you a smoot
h, hassle-
free experience from start to finish. Here you can find out more about how we work.</p>
                            <div class="row m-0">
                                <div class="col-12 p-0">
                                    <div id="tabs">
                                        <ul id="tabs-nav">
                                            <li><a href="#tab1">What we're about</a></li>
                                            <li><a href="#tab2">How we work</a></li>
                                            <li><a href="#tab3">Why use us</a></li>
                                            <li><a href="#tab4">Who we are</a></li>
                                        </ul>
                                        <div id="tabs-content">
                                          <div id="tab1" class="tab-content">
                                          </div>
                                          <div id="tab2" class="tab-
content">

                                          </div>
                                          <div id="tab3" class="tab-content">
                                          </div>
                                          <div id="tab4" class="tab-content">
                                          </div>
                                        </div>
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
    <!-- ABOUT END -->
    <!-- FOOTER START -->
    <div class="container-fluid" id="pageFooter">
        <div class="row p-5">
```

```html
        <div class="col-12 col-sm-6 col-lg-3 text-center">
            <h2>CAR <span>ZONE</span></h2>
            <span class="borderFooterLink"></span>
            <ul class="d-flex flex-column hours">
                <li><i class="fas fa-check"></i> <span>Mon-Fri:</span>  06-22</li>
                <li><i class="fas fa-check"></i> <span>Sat-Sun:</span> 09-15</li>
                <li><i class="fas fa-check"></i> <span>Holidays:</span> 12-17</li>
            </ul>
        </div>
        <div class="col-12 col-sm-6 col-lg-3 text-center">
            <h5>Information</h5>
            <span class="borderFooterLink"></span>
            <ul class="d-flex flex-column">
                <li><a href="robots.txt" target="_blank">Robots.txt</a></li>
                <li><a href="rss.xml" target="_blank">RSS</a></li>
                <li><a href="#!">Sources</a></li>
            </ul>
        </div>
        <div class="col-12 col-sm-6 col-lg-3 text-center">
            <h5>Docs</h5>
            <span class="borderFooterLink"></span>
            <ul class="d-flex flex-column">
                <li>
                    <a href="Car Zone.pdf" target="_blank">Documentation</a>
                </li>
                <li>
                    <a href="sitemap.xml" target="_blank">Sitemap</a>
                </li>
                <li>
                    <a href="#!" id="autorBtn">About author</a>
                </li>
            </ul>
        </div>
        <div class="col-12 col-sm-6 col-lg-3 text-center">
            <h5>Socials</h5>
            <span class="borderFooterLink"></span>
            <ul class="d-flex flex-column">
                <li>
                    <a href="https://www.facebook.com" target="_blank">Facebook
                        <i class="fab fa-facebook align-middle"></i>
                    </a>
                </li>
                <li>
                    <a href="https://www.twitter.com" target="_blank">Twitter
                        <i class="fab fa-twitter align-middle"></i>
                    </a>
                </li>
                <li>
```

```html
                        <a href="https://www.linkedin.com" target="_blank">LinkedIn
                            <i class="fab fa-linkedin align-middle"></i>
                        </a>
                    </li>
                </ul>
            </div>
        </div>
        <div class="row">
            <div class="col text-center" id="copyright">
                <p>Copyright &copy; 2020 Car<span> Zone</span></p>
            </div>
        </div>
    </div>
    <!-- FOOTER END -->
    <!-- AUTOR START -->
    <div id="autor">
        <div class="postavi">
            <div class="container p-0">
                <div class="row" id="box">
                </div>
            </div>
        </div>
    </div>
    <!-- AUTOR END-->
    <!-- MODAL NAKON USPESNOG SLANJA FORME -->
    <div id="modal" class="d-flex justify-content-center align-items-center"></div>
    <!-- MODAL ZA VISE INFORMACIJA -->
    <div id="seeMoreModal"></div>
<!-- jQuery -->
 <script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>
<!-- Bootstrap 4.5 -->
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script
>
<!-- Owl-carousel -->
<script src="assets/owlcarousel/owl.carousel.min.js"></script>
<!-- Main js -->
<script src="assets/js/main.min.js"></script>
</body>
</html>
```

3.2 Style.scss

```scss
@font-face{

    font-family:Work Sans;
    src: url('../font/WorkSans-Light.ttf');
}
$red: rgb(211,0,42);
$black: rgb(36,36,36);
$white: rgb(218,218,218);
*{
    margin: 0px;
    padding: 0px;
    box-sizing: border-box;
    font-family: 'Work Sans';
    scroll-behavior: smooth;
}
ul{
    list-style-type: none;
}
.preloader {
    position: fixed;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    z-index: 9999999999;
    background-image: url('../../../assets/img/preloader.gif');
    background-repeat: no-repeat;
    background-color: #fff;
    background-position: center;
 }
a{
    &:hover{
        text-decoration: none;
    }
}
#modal{
    position: fixed;
    visibility: hidden;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    z-index: 999999999;
    opacity: 0;
    background-color: rgba(36,36,36, 0.7);
    .row{
        position: relative;
```

```css
        width: 80%;
        top: -100%;
        opacity: 0;
        background-color: rgb(122,122,122);
        #header{
            background-color: rgb(22, 22, 22);
        }
        #body{
            text-align: center;
            font-weight: bold;
            font-size: 18px;
            background-color: rgb(185, 185, 185);
            color: rgb(42, 42, 42);
            span{
                color: rgb(7, 7, 7);
            }
            .modalTotal{
                font-size: 30px;
            }
        }
        #footer{
            padding: 10px;
            button{
                padding: 5px 10px;
                font-size: 20px;
                font-weight: bold;
                border: none;
                outline: none;
            }
        }
    }
}
//za seeMoreModal
.hide{
    display: none !important;
}
.show{
    display: block !important;
}
#seeMoreModal{
    position: fixed;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    overflow-y: scroll;
    z-index: 999999999;
    padding-top: 5vh;
```

```scss
    padding-bottom: 5vh;
background-color: rgba(36, 36, 36, 0.7);
.relative{
    margin: 0px auto;
    position: relative;
    width: 500px;
    background-color: rgb(122,122,122);
    box-shadow: 0px 10px 50px $black;
    #header1{
        background-color: rgb(22, 22, 22);
        button{
            outline: none;
            border: none;
            background-color: transparent;
            i{
                font-size: 35px;
                color:$red;
            }
        }
    }
    #body1{

        h3{
            font-weight: bold;
        }
        background-color: $white;
        #levo{
            position: absolute;
            top: 170px;
            left: 10px;
            font-size: 20px;
            width: 30px;
            height: 30px;
            border: none;
            border-radius: 50%;
            outline: none;
            background-color: $white;
            color: rgb(51, 51, 51);
            z-index: 999;
        }
        #desno{
            position: absolute;
            top: 170px;
            right: 10px;
            font-size: 20px;
            width: 30px;
            height: 30px;
            border: none;
```

```scss
                border-radius: 50%;
                outline: none;
                background-color: $white;
                color: rgb(51, 51, 51);
                z-index: 999;
            }
            ul{
                list-style: none;
                li{
                    font-size: 15px;
                }
            }
            .euro{
                font-size: 50px;
                i{
                    font-size: 25px;
                }
                span{
                    font-size: 20px;
                }
            }
        }
        #footer1{
            padding: 10px;
            background-color:$black;
            button{
                padding: 5px 10px;
                font-size: 20px;
                font-weight: bold;
                border: none;
                outline: none;
            }
        }
    }
}
h2{
    font-weight: bold;
    color: rgb(222, 222, 222);
    margin-bottom: 0px;
    span{
        color:$red;
    }
}
#canvas{
    position: relative;
    overflow: hidden;
    border-bottom: 5px solid$red;
    #btnTop{
```

```scss
        z-index: 9999999;
        visibility: hidden;
        position: fixed;
        bottom: 20px;
        right: 20px;
        width: 60px;
        height: 60px;
        border-radius: 50%;
        border: 3px solid$red;
        font-size: 30px;
        outline: none;
        cursor: pointer;
        background-color:$black;
        color: rgb(122, 122, 122);
        transition: 0.5s;
        &:hover{
            background-color: rgb(0, 0, 0);
            transform: scale(1.1);
            transition: 0.5s;
            bottom: 40px;
        }
    }
    #navigacija{
            li{
                padding: 5px;
                margin-right: 10px;
                font-size: 20px;
                font-weight: bold;
                text-align: center;
                a{
                    color:$black;
                    transition: 0.3s;
                    border-bottom: 3px solid transparent;
                    &:hover{
                        color:$red;
                        border-bottom: 3px solid $red;
                    }
                }
            }
    }
    .canvasTekst{
        color:$red;
        font-size: 70px;
        font-style: italic;
        position: relative;
        right: -100%;
        text-align: right;
        span{
```

```scss
        color:$black;
    }
}
#clickSide{
    padding: 10px;
    background-color:transparent;
    color:rgb(211, 0, 42);
    border: none;
    outline: none;
    i{
        font-size: 30px;
        transition: 0.5s;
        &:hover{
            color:rgb(24, 24, 24);
        }
    }
}
#openSide{
    height: 100%;
    width: 0;
    position: fixed;
    z-index: 9999999;
    top: 0;
    left: 0;
    background-color: $white;
    overflow-x: hidden;
    transition: 0.5s;
    .naslovBtn{
        height: 80px;
        background-color: $black;
        border-bottom: 5px solid $red;
        #naslovSide{
            color: $white;
            font-weight: bold;
            opacity: 0;
            span{
                color: $red;
            }
        }
        button{
            border: none;
            outline: none;
            background-color: transparent;
            i{
                font-size: 40px;
                color: rgb(65, 65, 65);
                transition: 0.5s;
                &:hover{
```

```scss
                    color:$red;
                }
            }
        }
    }
    #copy{
        position: absolute;
        bottom: 0;
        left: 0;
        padding: 10px;
        opacity: 0;
        color: $black;
        font-weight: bold;
        a{
            color: $black;
            span{
                color: $red;
                transition: 0.5s;
            }
            transition: 0.5s;
            &:hover{
                color: $red;
                span{
                    color: $black;
                }
            }
        }
        span{
            color: $red;
            transition: 0.5s;
        }
    }
    nav{
        ul{
            margin-top: 30px;
            .slideIn{
                position: relative;
                left: -250px;
                opacity: 0;
                a{
                    padding: 8px 8px 20px 32px;
                    text-decoration: none;
                    font-size: 20px;
                    font-weight: bold;
                    color: $black;
                    display: block;
                    transition: 0.3s;
                    border-right: 5px solid transparent;
```

```scss
                    &:hover{
                        color:$red;
                        border-right:5px solid $red;
                    }
                }
            }
        }
    }
}
height:850px;
position: relative;
background-image: url('../../img/back.jpg');
background-size: cover;
background-position: center;
background-repeat: no-repeat;
.fab{
    color: black;
    font-size: 20px;
    transition: 0.5s;
    &:hover{
        color: $red;
    }
}
.tekstBoja{
    color: black;
}
.logo{
    height:80px;
    a{
        height: 80px;
        .leviTekst{
            color:$red !important;
            vertical-align: middle;
        }
        img{
            display: inline;
            height: 100%;
            vertical-align: middle;
        }
        .logo-text{
            font-size: 60px;
            font-weight: bold;
            color: black;
            vertical-align: middle;
        }
    }
}
}
```

```scss
.naslovContent{
    .naslov{
        h1{
            span{
            color:$red;
            font-weight: bold;
            }
        }
    }
        span{
            .fas{
                font-size: 35px;
                color:$red;
            }
        }
    }
    .sectionContent{
        position: relative;
        z-index: 99;
        top: -250px;
        opacity: 0;
        color:$black;
        i{
            font-size: 60px;
            padding: 15px;
        }
        h5{
            font-size: 25px;
            font-weight: bold;
            color: rgb(126, 126, 126);
        }
        p{
            font-size: 17px;
            font-weight: bold;
            padding-bottom: 15px;
        }
    }
}

.secondRow-cars{
    border-top: 5px solid$red;
    border-bottom: 5px solid$red;
    .upcoming{
        .featured{
            position: relative;
            left: -500px;
            font-size: 35px;
            .w{
                font-size: 50px;
```

```scss
            }
            .t{
                font-size: 28px;
            }
        }
    }
    #automobili{
        .slideContent{
            h5{
                font-weight: bold;
                padding: 10px;
                font-size: 20px;
            }
            p{
                padding-top: 20px;
                padding-left: 10px;
                font-weight: bold;
                font-size: 20px;
                i{
                    font-size: 25px;
                }
                .reqBtn{
                    margin-right: 5px;
                    padding: 10px 15px;
                    font-size: 17px;
                    background-color:$red;
                    color: rgb(24, 24, 24);
                }
            }
        }
        .owl-dots{
            display: flex;
            flex-direction: row;
            justify-content: center;
            .owl-dot{
                width: 20px;
                margin: 10px;
                height: 20px;
                border-radius: 50%;
                background-color: rgb(122, 122, 122);
                &:focus{
                    outline: none;
                }
            }
            .active{
                background-color: rgb(24, 24, 24);
            }
        }
```

```scss
        }
    #grupaDugmad{
        button{
            width: 50px;
            height: 50px;
            background-color: rgb(65, 65, 65);
            border: none;
            font-size: 30px;
            transition: 0.5s;
            &:focus{
                outline: none;
                background-color:$red;
            }
        }
    }
}
#request{
    background-color:$black;
    color: rgb(122, 122, 122);
    border-bottom: 5px solid rgb(122, 122, 122);
    p{
        font-weight: bold;
        font-size: 18px;
    }
    a{
        padding: 10px 20px;
        background-color: rgb(122, 122, 122);
        color:$black;
        font-weight: bold;
        font-size: 19px;
        transition: 0.5s;
        &:hover{
            background-color:$red;
            color:$black;
        }
    }
}
#featuredSection{
    background-color: rgb(244,244,244);
    h4{
        font-size: 40px;
        span{
            color:$red;
        }
    }
    #showCars{
        .scale{
```

```scss
        &:hover{
            .imgHolder{
                overflow: hidden;
                img{
                    transform: scale(1.1);
                    transition: 0.5s ease;
                }
            }
        }
        .imgHolder{
            overflow: hidden;
            img{
                transition: 0.5s ease;
            }
        }
    }
    .slide{
        position: relative;
        top: -250px;
        opacity: 0;
    }
    .holder{
        border-bottom: 5px solid$red;
        padding: 10px;
        background-color: rgba(218,218,218,0.5);
        h5{
            color: rgb(24, 24, 24);
            font-weight: bold;
            display: block;
        }
        p{
            font-weight: bold;
        }
        button{
            display: block;
            width: 100%;
            border: none;
            outline: none;
            padding: 10px 15px;
            background-color: rgb(24, 24, 24);
            color: rgb(151, 151, 151);
            font-weight: bold;
            transition: 1s;
            background-size: 0% 200%;
            transition: background-color 1.5s;
            &:hover{
                background-color:rgb(211, 0, 42);
```

```scss
                    background-image:linear-
gradient(to right,$red 100%, rgb(255, 255, 255) 100%);
                    background-repeat:no-repeat;
                    background-size: 200% 100%;
                    transition:background-size 1.5s, background-color 1.5s;
                }
            }
        }
    }
    #loadMore{
        background-color: rgb(167, 167, 167);
        color: rgb(24, 24, 24);
        font-weight: bold;
        font-size: 20px;
        padding: 15px 20px;
        margin-bottom: 50px;
        transition: 0.5s;
        outline: none;
        border: none;
        &:hover{
            background-color: rgb(65, 65, 65);
        }
    }
    .vis{
        height: 1000px;
    }
}
#TestimonialsSection{
    background-color: rgb(244, 244, 244);
    h6{
        font-size: 25px;
        font-weight: bold;
    }
    p{
        font-weight: bold;
    }
    #testimonials{
        .testContent{
            border-radius: 5px;
            background-color: rgba(200, 200, 200,0.3);
            transition: 0.5s;
            min-height: 350px;
            i{
                font-size: 50px;
            }
            .testImage{
                width: 70px;
                height: 70px;
```

```scss
            img{
                width: 100%;
                height: 100%;
                clip-path: circle(50%);
            }
        }
        .fa-star{
            font-size: 16px;
            color: $black;
        }
        .blockquote{
            p{
                font-size: 16px;
            }
        }
        &:hover{
            box-shadow: 0 2.8px 2.2px rgba(0, 0, 0, 0.034),
            0 6.7px 5.3px rgba(0, 0, 0, 0.048),
            0 12.5px 10px rgba(0, 0, 0, 0.06),
            0 22.3px 17.9px rgba(0, 0, 0, 0.072),
            0 30.8px 33.4px rgba(0, 0, 0, 0.086),
            0 50px 80px rgba(0, 0, 0, 0.12);
        }
    }
}
.naslovBorder{
    width: 9%;
    height: 5px;
    display: inline-block;
    vertical-align: middle;
    background-color:$red;
}
.back{
    background-color: rgb(244,244,244);
    #formNaslov{
        font-size: 25px;
        font-weight: bold;
        #fillForm{
            font-size: 16px;
        }
    }
    .formSlide{
        background-color:$black;
        width: 500px;
        height: 750px;
        box-shadow: 0px 0px 15px $black;
    }
```

```scss
.requestForm{
    height: 750px;
    width: 500px;
    box-shadow: 0px 0px 15px $black;
    input{
        padding: 7px 14px;
        background-color: rgb(65, 65, 65);
        color: $white;
        border: 2px solid transparent;
        outline: none;
        font-weight: bold;
        font-size: 14px;
    }
    .date{
        label{
            font-size: 15px;
        }
        input[type= date]{
            width: 150px;
            padding: 5px;
            margin: 0px left;
        }
    }
    .custom-control-input{
        &:checked~{
            .custom-control-label{
                &::before{
                    background-color:$red;
                    border-color: rgb(65, 65, 65);
                    box-shadow: none;
                    border:none;
                    &:focus{
                        background-color:transparent;
                    }
                }
                &::after{
                    background-image: none;
                    border-radius: none;
                }
            }
        }
    }
    .custom-control-label{
        &::before{
            background-color: rgb(65, 65, 65);
            border:none;
            border-radius: none;
        }
}
```

```scss
        }
        background-color: rgb(24, 24, 24);
        color: $white;
        font-weight: bold;
        .ddlCar{
            #carType, #carModel{
                font-size: 17px;
                padding: 5px;
                font-weight: bold;
                width: 100%;
                border: none ;
                border-radius: 0px;
                &:focus{
                    box-shadow: none;
                }
            }
        }
        .greska{
                border: 2px solid $red;
        }
        .greskaTekst{
            color:$red;
            font-weight: bold;
        }
        .correct{
            border: 2px solid rgb(10, 160, 30);
        }
        .submitButton{
            input[type=submit]{
                border: none;
                outline: none;
                padding: 10px;
                font-weight: bold;
                font-size: 20px;
                background-color:rgb(211, 0, 42);
                color: #fff;
                width: 100%;
            }
        }
        #secured{
            font-size: 12px;
            color: rgb(129, 129, 129);
            span{
                color:$red;
            }
        }
    }
}
```

```scss
#about{
    background-color: #f4f4f4;;
    h3{
        font-weight: bold;
        span{
            color: $red;
        }
    }
    .textAbout{
        font-size: 17px;
        span{
            color: $red;
        }
    }
    #tabs{
        background-color: $white;
        padding: 10px;
        ul{
            list-style: none;
            margin: 0;
            padding-bottom: 10px;
            overflow: auto;
            display: flex;
            flex-direction: row;
            justify-content: flex-start;
            li{
                padding: 10px;
                text-align: center;
                margin-right: 10px;
                background-color: rgb(192, 192, 192);
                transition: 0.5s;
                a{
                    color: $black;
                    font-weight: lighter;
                }
                &:hover{
                    background-color: rgb(73, 73, 73);
                    cursor: pointer;
                    a{
                        color: $white;
                    }
                }
            }
        }
        #tabs-content{
            background-color: rgb(192, 192, 192);
            padding: 10px;
        }
```

```scss
        .active{
            transition: 0.5s;
            background-color: rgb(73, 73, 73);
            a{
                color: $white;
            }
        }
    }
}
#pageFooter{
    background-color: rgb(24, 24, 24);
    h2{
        font-size: 35px;
    }
    .borderFooterLink{
        display: inline-block;
        background-color:$red;
        width: 100px;
        height: 2px;
    }
    ul{
        list-style: none;
        li{
            padding: 5px;
            a{
                color: $white;
                font-weight: bold;
                transition: 0.5s;
                i{
                    font-size: 20px;
                }
                .fa-facebook{
                    color: rgb(66, 103, 178);
                }
                .fa-twitter{
                    color: rgb(29, 161, 242);
                }
                .fa-linkedin{
                    color: rgb(40,103,178);
                }
                &:hover{
                    color:$red;
                    transition: 0.5s;
                }
            }
        }
    }
    .hours{
```

```scss
        color: rgb(110, 110, 110);
        font-weight: bold;
        span{

            color: $white;
        }
    }
    h5{
        color: $white;
        font-weight: bold;
        font-size: 30px;
    }
    p{
        font-size: 17px;
        color: $white;
        font-weight: bold;
    }
    #copyright{
        span{
            color: $red;
        }
    }
}
#autor{
    display: none;
    width: 100%;
    height: 100%;
    position: fixed;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    z-index: 9999999999999;
    overflow-y: scroll;
    background-color: rgba($color: #000000, $alpha: 0.5);
    .postavi{
        margin: 0px auto;
        padding-top: 5vh;
        padding-bottom: 5vh;
        height: 100%;
        #box{
            box-shadow: 0px 0px 70px $black;
            #infoAutor{
                background-color:$white;
                color: $black;
                span{
                    color: $red;
                }
```

```scss
            .linkovi{
                p{
                    color: $black;
                    font-weight: bold;
                }
                .linkBtn{
                    margin-left: 15px;
                    border: none;
                    outline: none;
                    width: 50px;
                    height: 50px;
                    border-radius: 50%;
                    background-color: $black;
                    color: $white;
                    transition: 0.5s;
                    i{
                        font-size: 25px;
                        transition: 0.5s;
                    }
                    &:hover{
                        transition: 0.5s;
                        box-shadow: 0px 0px 20px $black;
                        i{
                            transform: scale(1.2);
                            transition: 0.5s;
                        }
                    }
                }
            }
        }
        #closeAutor{
            border:none;
            outline: none;
            width: 30px;
            height: 30px;
            background-color: transparent;
            i{
                color: $black;
                font-size: 25px;
                transition: 0.5s;
                &:hover{
                    color: $red;
                    transition: 0.5s;
                }
            }
        }
    }
  }
}
```

```scss
}

//responsive
@media screen and (max-width: 1500px){
    #canvas{
        .logo{
            height: 60px;
            a{
                height: 60px;
                .logo-text{
                    font-size: 30px;
                }
            }
        }
        #navigacija{
            a{
                font-size: 16px;
            }
        }
    }
}

@media screen and (max-width: 1016px) {
    .back{
        .requestForm{

            .ddlCar{
                #carType, #carModel{
                    font-size: 17px;
                    padding: 5px 17px;
                }
            }
            .submitButton{
                button{
                    font-size: 17px;
                }
            }
        }
    }

}

@media screen and (max-width: 992px){
    #canvas{
        .logo{
            height: 50px;
            a{
                height: 50px;
```

```css
                .logo-text{
                    font-size: 25px;
                }
            }
        }
        #navigacija{
            nav{
                ul{
                    li{
                        font-size: 17px;
                    }
                }
            }
        }
    }
}

@media screen and (max-width: 768px){
    #modal{
        .row{
            width: 90%;
            font-size: 15px;
        }
    }
    #canvas{
        height: 700px;
        .searchForm{
            width: 60%;
        }
    }
    .back{

        .requestForm{

            font-size: 15px;
            input{
                padding: 5px 12px;
            }
            .w-50{
                input{
                    width: 70% !important;
                }
            }
        }
    }
    #about{
        #tabs{
            font-size: 16px;
```

```css
        ul{
            flex-direction: column;
            align-items: stretch;
            li{
                margin-right: 0;
            }
        }
    }
}
@media screen and (max-width: 576px){
    #modal{
        #body{
            p{
                font-size: 15px;
            }
        }
    }
    #seeMoreModal{
        .relative{
            width: 90%;
            #body1{
                h3{
                    font-size: 21px;
                }
                #levo{
                    top: 80px;
                }
                #desno{
                    top: 80px;
                }
                .euro{
                    font-size: 30px;
                }
                ul{
                    li{
                        font-size: 13px;
                    }
                }
            }
        }
    }
        #canvas{
            .border-bottom{
                font-size: 13px;
            }
            .canvasTekst{
                font-size: 50px;
```

```
                    text-align: center;
            }
        }
    .back{
        width: 100%;
        .formSlide{
            max-width: 100%;
            height: auto;
        }
        .requestForm{
            max-width: 100%;
            height: auto;
            font-size: 17px;
            input{
                padding: 15px 10px;
            }
            .greskaTekst{
                i{
                    font-size: 20px;
                    margin-top: 8px;
                }
            }
        }
    }
    #autor{
        .postavi{
            #box{
                max-width: 90%;
                margin: 0px auto;
                #infoAutor{
                    .linkovi{
                        .linkBtn{
                            width: 45px;
                            height: 45px;
                            margin-left: 3px;
                        }
                    }
                    font-size: 14px;
                    text-align: center;
                    h3{
                        font-size: 16px;
                    }
                }
            }
        }
    }
}
@media screen and(max-width: 350px){
```

```css
#canvas{
    .searchForm{
        .search{
            h4{
                font-size: 20px;
            }
        }
    }
}
#seeMoreModal{
    .relative{
        width: 90%;
    }
}
.back{
    .requestForm{
        .greskaTekst{
            font-size: 15px;
            i{
                font-size: 18px;
                padding-top: 5px;
            }
        }
    }
}
}
```

3.3 Main.js

```javascript
//cekanje za izvrsavanje DOM-a

window.addEventListener("DOMContentLoaded", function(){
    navigacija1();
    info1();
    owlCarouselContent();
    ispisCarContent();
    ddl();
    testimonials();
    sideNav();
    about();
    typeClick();
})
window.onscroll = function(){
    scrollUp1()
};


var navigacija = [["<i class='fas fa-home'></i>", "Home"], ["<i class='fas fa-chalkboard-
teacher'></i>", "Introduction"], ["<i class='fas fa-
star'></i>", "Featured"], ["<i class='fas fa-car'></i>", "Rent a car"], ["<i class='fas fa-
user'></i>", "Testimonials"], ["<i class='far fa-address-card'></i>", "About us"]];
var navigacijaLinkovi = ["index.html", "#naslov", "#featuredSection", "#formNaslov", "#Testim
onialsSection", "#about"];

var navigacija1 = function(){
    let navGet = document.getElementById("navigacija");

    let navSet = document.createElement("nav");
    navSet.className = "d-flex align-items-center justify-content-center";
    navGet.appendChild(navSet);

    let uList = document.createElement("ul");
    uList.className = "d-flex justify-content-around";
    navSet.appendChild(uList);

    for(indeks in navigacija){
        let liList = document.createElement("li");
        uList.appendChild(liList);

        let aList = document.createElement("a");
        liList.appendChild(aList);
        aList.setAttribute("href", `${navigacijaLinkovi[indeks]}`);
        aList.textContent = `${navigacija[indeks][1]}`;
    }
}

function scrollUp1(){
```

```javascript
    let myBtn = document.getElementById("btnTop");
    if(document.body.scrollTop > 500 || document.documentElement.scrollTop > 500){
        myBtn.style.visibility = "visible";
    }
    else {
        myBtn.style.visibility = "hidden";
    }
}
//Introduction section
var info1 = function(){
    let naslov = ["WELCOME TO OUR SITE","CAR", "ZONE"];
    let content = [
        ["BRANDS","We got latest and most popular brands from automotive industry", "fas fa-
car"],
        ["ROAD SUPPORT", "24/7 available support to help you on road if you have any mechanic
al problem with our car", "fas fa-road"],
        ["AFFORDABLE", "Exotic cars that have best deals according to their performance", "fa
s fa-coins"]
    ];

    document.getElementsByClassName("naslovContent")[0].innerHTML =`<div class="col-12 text-
center naslov p-4">
                                                                <h4>${naslov[0]}</h4>
                                                                <span><i class="fas f
a-angle-double-down"></i></span>
                                                                <h1><span>${naslov[1]
}</span> ${naslov[2]}</h1>
                                                            </div>`
    for(let i = 0; i < content.length - 1;i++){
        document.getElementsByClassName("naslovContent")[0].innerHTML +=`
        <div class="col-12 col-sm-6 col-lg-4 text-center">
            <div class="col-12 sectionContent p-2 mb-3">
                <i class="${content[i][2]}"></i>
                <h5>${content[i][0]}</h5>
                <p>${content[i][1]}</p>
            </div>
        </div>`
    }
    //zbog poslednjeg elementa kome je potreban col-sm-12
    document.getElementsByClassName("naslovContent")[0].innerHTML +=`
        <div class="col-12 col-sm-12 col-lg-4 text-center">
                    <div class="col-12 sectionContent p-2 mb-3">
                        <i class="${content[2][2]}"></i>
                    <h5>${content[2][0]}</h5>
                    <p>${content[2][1]}</p>
                    </div>
                </div>`
}
```

```javascript
var naslov = document.getElementById("naslov");

function sideNav(){
    let sideNav = document.getElementById("openSide");

    let nav = document.createElement("nav");
    sideNav.appendChild(nav);
    let button = document.createElement("button");
    button.textContent = "Close"
    let sideUl = document.createElement("ul");
    nav.appendChild(sideUl);

    for(indeks in navigacija){
        let sideLi = document.createElement("li");
        sideLi.classList.add("slideIn");
        sideUl.appendChild(sideLi);

        let sideA = document.createElement("a");
        sideLi.appendChild(sideA);
        sideA.setAttribute("href", `${navigacijaLinkovi[indeks]}`);
        sideA.innerHTML = `${navigacija[indeks][0] + ' ' + navigacija[indeks][1]}`;
    }
}
function openNav() {
    document.getElementById("openSide").style.width = "250px";
  }
function closeNav() {
    document.getElementById("openSide").style.width = "0";
  }
document.getElementById("clickSide").addEventListener("click", openNav);
document.getElementById("closeSide").addEventListener("click", closeNav);


// dinamicko i nasumicno ispisivanje automobila
var carContent = [
    ["assets/img/sports_civic1.jpg", "Honda Civic Type R", 120, "350hp"],
    ["assets/img/sports_supra1.jpg", "Toyota Supra", 300, "382hp"],
    ["assets/img/sports_subaru1.jpg","Subaru Impreza STi", 130, "340hp"],
    ["assets/img/muscle_chevy.jpg","Chevrolet ZL1", 180, "650hp"],
    ["assets/img/muscle_demon1.jpg","Dodge Challenger", 200, "700hp"],
    ["assets/img/sports_benz1.jpg","Mercedes 450 CLS", 160,"375hp"],
    ["assets/img/sports_evo.jpg","Subaru WRX",130, "360hp"],
    ["assets/img/sports_bmw1.jpg","BMW 420d Coupe",120, "310hp"],
    ["assets/img/sports_mitsubishi1.jpg","Mitsubishi EVO X",110, "290hp"],
    ["assets/img/muscle_mustang1.jpg","Ford Mustang",160, "750hp"],
    ["assets/img/sports_bmw2.jpg","BMW X6m",120, "310hp"],
    ["assets/img/suv_ford1.jpg","Ford F-150",160, "280hp"]];

var carsAndModels = {};  // za vrednosti za dve dropdown liste
```

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```javascript
    carsAndModels["Chevrolet"] = ["ZL1"];
    carsAndModels["Dodge"] = ["Challenger"];
    carsAndModels["BMW"] = ["420d Coupe", "X6m"];
    carsAndModels["Subaru"] = ["Impreza STi", "WRX"];
    carsAndModels["Mitsubishi"] = ["EVO X"];
    carsAndModels["Ford"] = ["Mustang", "F-150"]
    carsAndModels["Honda"] = ["Civic Type R"];
    carsAndModels["Toyota"] = ["Supra"];
    carsAndModels["Mercedes"] = ["450 CLS"];

var izabranAuto; // za uzimanje cene na osnovu izabranog automobila preko dropdown

var cena = [[180],
            [200],
            [120],
            [130],
            [110],
            [160],
            [120],
            [300],
            [160]];
for(let i = 0; i < Object.keys(carsAndModels).length; i++){ // za upis cena modela
    cena[i].unshift(Object.keys(carsAndModels)[i]);
}

// dinamicko ispisivanje ddl
function ddl(){


    let firstOpt = document.createElement("option");
        firstOpt.setAttribute("value","0");
        let sadrzaj = document.createTextNode("Choose a model");
        firstOpt.appendChild(sadrzaj);
        model.appendChild(firstOpt);

model.disabled = true;
//za upisivanje vrednosti na osnovu prvog selecta u drugi
document.getElementById("carType").onchange = function(){
    model.disabled = this.value == '0'
    let selCar = this.options[this.selectedIndex].value;
        model.appendChild(firstOpt);
    while (model.options.length) {
        model.remove(0);
    }
     for(let i = 0; i < cena.length;i++){
        if(selCar == cena[i][0]){
            izabranAuto = cena[i][1];
        }
```

```javascript
        }
        if(selCar == "0"){
            model.appendChild(firstOpt);
        }
        let cars = carsAndModels[selCar];
        if (cars) {
            for (let i = 0; i < cars.length; i++) {
                let car = document.createElement("option");
                car.setAttribute("value", i);
                let text = document.createTextNode(cars[i]);
                car.appendChild(text);
                model.options.add(car);
            document.getElementById("brandError").textContent = "";
            }
        }
}
var ispisivanjeOpt = function(){
    let type = document.getElementById("carType");
    for(let i = 0; i < Object.keys(carsAndModels).length; i++){
        //preuzimanje vrednosti iz objekata
        let opt = document.createElement("option");
            opt.setAttribute("value", Object.keys(carsAndModels)[i]);
        let text = document.createTextNode(Object.keys(carsAndModels)[i]);
            opt.appendChild(text);
            type.appendChild(opt);
    }
}
ispisivanjeOpt();
}


var random = [];

function generate(){ // funkcija za random ispisivanje iz niza
    for (let i = 0; i < carContent.length; i++){
        let trenutni = Math.floor(Math.random() * carContent.length);
        if(random.indexOf(trenutni) == -1){
            random.push(trenutni); //niz u koji ubacujemo DISTINCT vrednosti do 12
        }
        else i--;
    }
}
var value = [];
//nasumicno generisanje sadrzaja za svaki element owl-carousel-a
function owlCarouselContent(){
        generate();
        let brojElemenataCarousel = 6;
        let parent = document.getElementById("automobili");
```

```javascript
        let child = document.createElement("div");
        child.classList.add("owl-carousel", "first-owl");
        parent.appendChild(child);
    for(let i = 0; i < brojElemenataCarousel; i++){
        value.push(carContent[random[i]][1].split(" "));
        child.innerHTML +=`<div class="slideContent"><img src="${carContent[random[i]][0]
}" alt="${carContent[random[i]][1]}"><h5>${carContent[random[i]][1]}</h5>
        <p class="d-flex justify-content-between"><span><i class="fas fa-dollar-
sign"></i> ${carContent[random[i]][2]}/day</span><a href="#formNaslov"class="d-
inline reqBtn">Request now</a></p>
        </div>`
        }
        random=[];
    }

//modal sa vise informacija
function upisVrednosti(){
    let noveSlike = ["assets/img/seeMoreHonda.jpg", "assets/img/seeMoreSupra.jpeg", "assets/i
mg/seeMoreRedSubaru.jpg", "assets/img/seeMoreChevy.jpg", "assets/img/seeMoreDemon.jpg", "asse
ts/img/seeMoreMerc.jpeg", "assets/img/seeMoreSubaru.jpeg", "assets/img/seeMoreBmw.jpg", "asse
ts/img/seeMore1.jpg", "assets/img/seeMoreMustang.jpeg","assets/img/seeMoreBmw2.jpg", "assets/
img/seeMoreFord.jpeg"];
    let seeMore = document.getElementsByClassName("seeMore");
    let modal = document.getElementById("seeMoreModal");
    let request = document.getElementsByClassName("request");
    let typeNew = document.getElementById("carType");
    let model2 = document.getElementById("carModel")

    for(let i = 0; i < seeMore.length; i++){
        seeMore[i].addEventListener("click", function(){
            if(seeMore[i].value == carContent[random[i]][1]){
                modal.innerHTML = `<div class="row relative"> <div class="col-12 p-
0"> <div id="header1"> <div class="col-12 p-3 d-flex justify-content-
between"> <h2>CAR <span>ZONE</span></h2> <button type="button" id="closeSeeMore"><i class="fa
s fa-times-circle"></i></button> </div></div><div id="body1"> <div class="col-12 p-
0"><button type="button" id="levo"><i class="fas fa-angle-
left"></i></i></button><button type="button" id="desno"><i class="fas fa-angle-
right"></i></button><div class="owl-carousel another-
owl"> <img src="${carContent[random[i]][0]}" class="img-
fluid" alt="car"> <img src="${noveSlike[random[i]]}" class="img-
fluid" alt="car"></div> </div><div class="col-12 p-2"> <h3 class="text-
center">${carContent[random[i]][1]}</h3> <hr class="m-0"> <div class="row m-0 p-
0"> <div class="col-6 p-0"> <ul class="d-flex flex-column text-left p-
2"> <li> <i class="fas fa-check"></i> Chilled AC </li><li> <i class="fas fa-
check"></i> Heated seats </li><li> <i class="fas fa-
check"></i> Audio input </li><li> <i class="fas fa-
check"></i> Bluetooth </li></ul> </div><div class="col-6 p-0"> <ul class="d-flex flex-
column text-left p-2"> <li> <i class="fas fa-check"></i> Manual </li><li> <i class="fas fa-
```

```
check"></i> Unlimited mileage </li><li> <i class="fas fa-tachometer-
alt"></i> ${carContent[random[i]][3]} </li></ul> </div></div></div><div class="row m-
0"> <div class="col-12 font-weight-bold euro"> <i class="fas fa-dollar-
sign"></i> ${carContent[random[i]][2]}<span>/ per day</span> </div></div></div><div id="foote
r1" class="text-
right"> <button type="button" class="request">Request now!</button> </div></div></div>`
            }
                // za promenu dropdown liste u formi na osnovu selektovanog automobila pr
eko modala
                for(let j = 0; j < request.length; j++){
                    request[j].addEventListener("click", function(){
                    for(let t = 1; t < typeNew.options.length; t++){
                        if(typeNew.options[t].value == carTypeName[i][0]){
                            typeNew.selectedIndex = t;
                            typeNew.onchange();
                            if(model2.options.length > 1){
                                if((model2.options[model2.selectedIndex].text).includ
es(carTypeName[i][1])){
                                    model2.selectedIndex = 0;
                                }
                                else{
                                    model2.selectedIndex = 1;
                                }
                            }
                        }
                    }
                })
            })
    }
}
var carTypeName = [];
function ispisCarContent(){
    generate();
    const brojNovihElemenata = 3;
    const brojElemenataOnLoad = 6;
    let div = document.getElementById("showCars");
        // ispisivanje prvih 6 artikala
        for(let i = 0; i < brojElemenataOnLoad; i++){
            div.innerHTML += `<div class="col-lg-4 col-12 col-sm-6 mb-4 scale">
            <div class="imgHolder">
                <img src="${carContent[random[i]][0]}" class="img-
fluid" alt="${carContent[random[i]][1]}">
            </div>
            <div class="holder">
            <h5 class="mb-3">${carContent[random[i]][1]}</h5>
            <p><i class="fas fa-dollar-
sign"></i> ${carContent[random[i]][2]}/day   <i class="fas fa-tachometer-
alt"></i> ${carContent[random[i]][3]}</p>
```

```
            <button type="button" class="seeMore" value="${carContent[random[i]][1]}">See mor
e</button>
        </div>
      </div>`;
      carTypeName.push((carContent[random[i]][1]).split(" "));
      }
      upisVrednosti()

      var click1 = 0;

      document.getElementById("loadMore").addEventListener("click", function(){
          if(click1 == 1){
              document.getElementById("loadMore").style.display = "none";

          }
          if(click1 == 0){
              //ispisivanje narednih 3 elemenata iz niza pocev od 6
              for(let i = brojElemenataOnLoad; i < brojElemenataOnLoad + brojNovihElemenata
; i++){

                  let slide = document.createElement("div");
                  slide.classList.add("slide", "col-lg-4", "mr-auto", "col-12", "col-sm-
6", "mb-4", "scale");
                  document.getElementById("showCars").appendChild(slide);
                  slide.innerHTML += `
                  <div class="imgHolder">
                      <img src="${carContent[random[i]][0]}" class="img-
fluid" alt="${carContent[random[i]][1]}">
                  </div>
                  <div class="holder">
                  <h5 class="mb-3">${carContent[random[i]][1]}</h5>
                  <p><i class="fas fa-dollar-
sign"></i> ${carContent[random[i]][2]}/day   <i class="fas fa-tachometer-
alt"></i> ${carContent[random[i]][3]}</p>
                  <button type="button" class="seeMore" value="${carContent[random[i]][1]}"
>See more</button>
                  </div>`;
                  carTypeName.push((carContent[random[i]][1]).split(" "))
              }
              upisVrednosti()
          }

          if(click1 > 0){
              //ispisivanje ostatka
              for(let i = brojElemenataOnLoad + brojNovihElemenata; i < carContent.length;
i++){
                  document.getElementById("showCars").innerHTML += `<div class="col-lg-
4 col-12 col-sm-6 mb-4 slide scale">
                  <div class="imgHolder">
```

```
                            <img src="${carContent[random[i]][0]}" class="img-
fluid" alt="${carContent[random[i]][1]}">
                        </div>
                        <div class="holder">
                        <h5 class="mb-3">${carContent[random[i]][1]}</h5>
                        <p><i class="fas fa-dollar-
sign"></i> ${carContent[random[i]][2]}/day   <i class="fas fa-tachometer-
alt"></i> ${carContent[random[i]][3]}</p>
                        <button type="button" class="seeMore" value="${carContent[random[i]][1]}"
>See more</button>
                        </div></div>`;
                        carTypeName.push((carContent[random[i]][1]).split(" "))
                }
                upisVrednosti()
            }
        click1++;
    })

}
//za upisivanje u dropdown listu iz sekcije best cars
function typeClick(){
    let type1 = document.getElementById("carType");
    let model1 = document.getElementById("carModel");
    let reqBtns = document.getElementsByClassName("reqBtn");
        for(let i = 0; i < reqBtns.length; i++){
            reqBtns[i].addEventListener("click", function(){
                for(let j = 1; j < type.options.length; j++){
                    if(type1.options[j].value == value[i][0]){
                        type1.selectedIndex = j;
                        type1.onchange();
                         if(model1.options.length > 1){
                            if((model1.options[model1.selectedIndex].text).includes(value[i][
1])){
                                model1.selectedIndex = 0;
                            }
                            else{
                                model1.selectedIndex = 1;
                            }
                        }
                    }
                }
            })
        }
}

    //dohvatanje elemenata
    var fullName = document.getElementById("fullName");
    var mail = document.getElementById("mail");
```

```javascript
    var payment = document.getElementsByName("payment");
    var type = document.getElementById("carType");
    var cvv = document.getElementById("cvv");
    var model = document.getElementById("carModel");
    var pick = document.getElementById("pick");
    var drop = document.getElementById("drop");

    //dohvatanje greski
    var fullNameError = document.getElementById("fullNameError");
    var mailError = document.getElementById("mailError");
    var paymentError = document.getElementById("paymentError");
    var dateError = document.getElementById("dateError");
    var cvvError = document.getElementById("cvvError");
    var brandError = document.getElementById("brandError");

    //regularni izrazi
    var regExFullName = /^[A-ZŠĐČĆŽ][a-zšđččž]{2,14}(\s[A-ZČĆŽŠĐ][a-zšđččž]{2,19})+$/
    var regExMail = /^[a-z][a-z\.\d-\_]+\@[a-z]+(\.[a-z]+)+$/

    var dataArray = [];

function proveraFullName(){
    //full name error
    if(!regExFullName.test(fullName.value)){
        fullNameError.innerHTML = 'Incorrect format <i class="fas fa-question-circle" data-
toggle="tooltip" data-placement="bottom" title="e.g. John Doe"></i>'
        fullName.classList.add("greska");
        fullName.classList.remove("correct");
        return false;
    }
    else{
            fullNameError.textContent = "";
            fullName.classList.remove("greska");
            fullName.classList.add("correct");
            return true;
    }
}
function proveraMail(){
    //mail error
    if(!regExMail.test(mail.value)){
        mailError.innerHTML = 'Please enter a valid email address. <i class="fas fa-question-
circle" data-toggle="tooltip" data-placement="bottom" title="e.g. johndoe@example.com"></i>';
        mail.classList.add("greska");
        mail.classList.remove("correct");
        return false;
    }
    else{
        mailError.textContent = "";
```

```javascript
        mail.classList.remove("greska");
        mail.classList.add("correct");
        return true;
    }
}
function proveraCashCard(){
    //provera da li je izabran metod placanja
    let value;
    let boolean;
    for(let i = 0; i < payment.length; i++){
        if(!payment[i].checked)
        {
            paymentError.innerHTML = "Required";
            boolean = false;
            continue;
        }
        else{
            paymentError.innerHTML = "";
            boolean = true;
            value = payment[i].value;
            break;
        }
    }
    return {value, boolean};
}


var from, to , today,
disabledDate = document.getElementById("drop");
disabledDate.disabled = true;

//postavljanje danasnjeg dana kao minimalnu vrednostu u pick up polje
let today1 = new Date(),
    day = today1.getDate(),
    month = today1.getMonth()+1,
    year = today1.getFullYear();
        if(day<10){
                day='0'+day
            }
        if(month<10){
            month='0'+month
        }
        today1 = year + '-' + month + '-' +day;
        pick.setAttribute("min", today1);



var ukupanBrojDana,
daniMs = 86400000; //broj milisekundi u jednom danu, potrebno za kasnije racunanje broja dana
 -- proveraPick() i proveraDrop()
```

```javascript
var proveraPick = function(){
    //uzimanje vrednosti iz polja -- date
    from = new Date(pick.value);
    to = new Date(drop.value);
    //uzimanje vrednosti tekuceg dana
    today = new Date();
    //postavljanje broja sati trenutnog dana radi poredjenja sa drugim datumom
    today.setHours(1,0,0);

    ukupanBrojDana = (to - from) / daniMs;
    //provera da li je datum uopste izabran
    if(isNaN(from) && isNaN(to)){
        pickError.innerHTML = "Please choose a pick up date!";
        pick.classList.add("greska");
        pick.classList.remove("correct");
        dropError.innerHTML = "";
        return false;
    }
    else if(from.toString() == today.toString()){ //provera da li se pocetni dan poklapa sa tekucim danom
        pickError.innerHTML = "We need at least one day from today to proccess your request!";

        pick.classList.add("greska");
        pick.classList.remove("correct");
        allError.innerHTML = "";
        return false;
    }
    else if(from.toString() == to.toString()){ //provera da li se poklapaju dani
        allError.innerHTML = "You can't rent a car for the same day!";
        pick.classList.add("greska");
        pick.classList.remove("correct");
        drop.classList.add("greska");
        drop.classList.remove("correct");
        pickError.innerHTML = "";
        dropError.innerHTML = "";
        return false;
    }
    else if(from > to){
        allError.innerHTML = "Pick up date can't be after drop off date!";
        pick.classList.add("greska");
        pick.classList.remove("correct");
        pickError.innerHTML = "";
        dropError.innerHTML = "";
        return false;
    }
    else if(ukupanBrojDana > 30){
        allError.innerHTML = "You can't rent a car for more than 30 days!";
```

```
            pickError.innerHTML = "";
            pick.classList.add("greska");
            pick.classList.remove("correct");
            drop.classList.add("greska");
            drop.classList.remove("correct");
            return false;
        }
    else{ //ako je sve ispunjeno
            allError.innerHTML = "";
            pickError.innerHTML = "";
            pick.classList.remove("greska");
            pick.classList.add("correct");
            disabledDate.disabled = false;
            if(ukupanBrojDana <=30 && !(from.toString() == today.toString())){ // malo dublja pro
vera za polje ranije
                dropError.innerHTML = "";
                drop.classList.add("correct");
                drop.classList.remove("greska")
            }
            return true;
        }
}

var proveraDrop = function(){
    //uzimanje vrednosti iz polja -- date
    from = new Date(pick.value);
    to = new Date(drop.value)

    //brojanje ukupnog broja dana koliko korisnik zeli da rentuje automobil
    ukupanBrojDana = (to - from) / daniMs;

    //provera da li je izabran drop off datum
    if(isNaN(to)){
        dropError.innerHTML = "Please choose a drop off date!"
        drop.classList.add("greska");
        drop.classList.remove("correct")
        return false;
    }
    else if(to.toString() == from.toString()){ //provera da li se poklapaju dani
        allError.innerHTML = "You can't rent a car for the same day!"
        drop.classList.add("greska");
        drop.classList.remove("correct")
        pick.classList.add("greska");
        pick.classList.remove("correct")
        dropError.innerHTML = "";
        pickError.innerHTML = "";
        return false;
    }
```

```javascript
    else if(to < from){
        allError.innerHTML = "Drop off date can't be before pick up date!"
        drop.classList.add("greska");
        drop.classList.remove("correct")
        dropError.innerHTML = "";
        pickError.innerHTML = "";
        return false;
    }
    else if(ukupanBrojDana > 30){
        allError.innerHTML = "You can't rent a car for more than 30 days!"
        drop.classList.add("greska");
        drop.classList.remove("correct")
        pick.classList.add("greska");
        pick.classList.remove("correct")
        dropError.innerHTML = "";
        return false;
    }
    else{ //ako je sve ispunjeno
        allError.innerHTML = "";
        dropError.innerHTML = "";
        drop.classList.remove("greska");
        drop.classList.add("correct");
        if(ukupanBrojDana <=30 && !(from.toString() == today.toString())){ // malo dublja pro
vera za polje ranije
            pickError.innerHTML = "";
            pick.classList.add("correct");
            pick.classList.remove("greska")
        }
        return true;
    }
}
pick.onchange = function(){ // za svako izlazenje iz polja da proveri vrednosti unete u odred
jeno polje
    proveraPick();
}
drop.onchange = function(){ // za svako izlazenje iz polja da proveri vrednosti unete u odred
jeno polje
    proveraDrop();
}
var cardMade = 0;
//za pravljenje nova 3 polja ako je korisnik izabrao karticu
payment[1].onclick =  function (){
    if(cardMade == 0){
        let placeholder = ["MM/YY", "***"];
        let id = ["validThru", "cvv"];
        let labelMain = ["Expiration date:", "CVV:"];

        let parentDiv = document.getElementById("card");
```

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```javascript
        let formMore = document.createElement("div");
        formMore.classList.add("d-flex", "justify-content-between", "flex-wrap", "mt-2", "mb-2", "cardHolder");

        let input1 = document.createElement("input");
        input1.classList.add("w-100");
        input1.setAttribute("type", "text");
        input1.setAttribute("placeholder", "Card number: 5XXXXXXXXXXXXXXX");
        input1.setAttribute("id", "cardContent");

        let inputGreska = document.createElement("span");
        inputGreska.classList.add("greskaTekst", "w-100");
        inputGreska.setAttribute("id", "cardNumberError");
        formMore.appendChild(input1);
        formMore.appendChild(inputGreska);
    for(let i = 0; i < 2; i++){
        let wrap = document.createElement("div");
        wrap.classList.add("w-50");
        formMore.appendChild(wrap);
        let label = document.createElement("label");
        label.classList.add("w-100");
        label.setAttribute("for", id[i]);
        let labelText = document.createTextNode(labelMain[i]);
        label.appendChild(labelText);
        wrap.appendChild(label);
        let input2 = document.createElement("input");
        input2.classList.add("w-50");
        input2.setAttribute("type", "text");
        input2.setAttribute("placeholder", placeholder[i]);
        input2.setAttribute("id", id[i]);
        wrap.appendChild(input2);
    }
    //greska
    var idGreska = ["expDateError", "cvvError"];
    for(let i = 0; i < 2; i++){
        let greske = document.createElement("div");
        greske.classList.add("w-50");
        formMore.appendChild(greske);
        let span = document.createElement("span");
        span.setAttribute("id", idGreska[i]);
        span.classList.add("greskaTekst");
        greske.appendChild(span);
    }
    cardMade++;
    parentDiv.appendChild(formMore);
    }
    // za proveru nakon izlaska iz polja za karticu
    document.getElementById("validThru").onchange = function(){
```

```javascript
        proveraExpDate();
    }
    document.getElementById("cvv").onchange = function(){
        proveraCvv();
    }
    document.getElementById("cardContent").onchange = function(){
        proveraCardNumber();
    }
}


//provera da li je korisnik uneo broj kartice
function proveraCardNumber(){                        //pocinju sa brojem 5 i ima maks 16 brojeva
    let regExCardNumber = /^5[0-
9]{15}$/;  //ovaj je jednostavan, jer jedino ovako prihvata ako korisnik zeli automatski da u
nese broj mastercard kartice koju vec ima sacuvanu u browser-u
    let cardNumber = document.getElementById("cardContent");
    let cardNumberError = document.getElementById("cardNumberError");

    if(!regExCardNumber.test(cardNumber.value)){
        cardNumberError.innerHTML = "Format: 5XXXXXXXXXXXXXX(16 digits)";
        cardNumber.classList.add("greska");
        cardNumber.classList.remove("correct");
        return false;
    }
    else{
        cardNumberError.innerHTML = "";
        cardNumber.classList.remove("greska");
        cardNumber.classList.add("correct");
        return true;
    }
}

function proveraExpDate(){
    // provera da li je kartica validna najmanje 5 godina
    let regExExpDate = /^([0][1-9]|[1-2][0-2])\/(([2][0-6])|([2][0][2-3][0-
6]))$/ // MM/YY ili MM/YYYY
    let expDate = document.getElementById("validThru");
    let expDateError = document.getElementById("expDateError");

    if(!regExExpDate.test(expDate.value)){
        expDateError.innerHTML = 'Incorrect format <i class="fas fa-question-circle" data-
toggle="tooltip" data-placement="bottom" title="e.g. 05/21 OR 05/2021"></i>';
        expDate.classList.add("greska");
        expDate.classList.remove("correct");
        return false
    }
    else{
        expDateError.textContent = "";
```

```javascript
            expDate.classList.remove("greska");
            expDate.classList.add("correct");
            return true;
        }
    }
}
//provera da li je unet cvv/cvc
function proveraCvv(){
    let regExCvv = /^[0-9]{3}$/;
    let cvv = document.getElementById("cvv");
    let cvvError = document.getElementById("cvvError");
    if(!regExCvv.test(cvv.value)){
        cvvError.innerHTML = 'Incorrect format <i class="fas fa-question-circle" data-
toggle="tooltip" data-placement="bottom" title="e.g. 123"></i>';
        cvv.classList.add("greska");
        cvv.classList.remove("correct");
        return false;
    }
    else{
        cvvError.textContent = "";
        cvv.classList.remove("greska");
        cvv.classList.add("correct");
        return true;
    }
}

function proveraType(){
    //provera da li je izabran brend automobila
    if(type.options[type.options.selectedIndex].value != 0){
        brandError.textContent = "";
        return true;
    }
    else{
        brandError.textContent = "You must choose brand!";
        return false;
    }
}
//za promene izlaskom iz polja
fullName.onchange = function(){
    proveraFullName();
}
mail.onchange = function(){
    proveraMail();
}
//za menjanje metoda placanja
payment.forEach(
    selected => selected.onchange = function(){
        proveraCashCard();
    }
```

```javascript
)
//ako je korisnik izabrao cash
payment[0].onclick = function(){
    if(cardMade > 0){
        document.querySelector(".cardHolder").remove();
        cardMade--;
    }
}
//provera nakon klika da li su pravilno uneti svi podaci
document.getElementById("form").onsubmit = function(e){
    e.preventDefault();
    let fullName = proveraFullName();
    let mail = proveraMail();
    let type = proveraType();
    let cashOrCard = proveraCashCard();
    let bool = cashOrCard.boolean;
    let cardValue = cashOrCard.value;
    let pick = proveraPick();
    let drop = proveraDrop();
    // provera za karticu
    if(cardValue == payment[1].value){
        let exp = proveraExpDate();
        let cvv = proveraCvv();
        let card = proveraCardNumber();
        //provera novih polja za karticu
        if(exp && cvv && card){
            celokupnaProvera(fullName, mail, type, bool, pick, drop);
        }
    }
    // provera za cash
    if(cardValue == payment[0].value){
        celokupnaProvera(fullName, mail, type, bool, pick, drop);
    }
};
var jePoslato = false;
function celokupnaProvera(imeProvera, mailProvera,typeProvera, cashCardProvera, proveraPick,
proveraDrop){
    //provera svih unetih podataka
    if(imeProvera && mailProvera && typeProvera && cashCardProvera && proveraPick && proveraD
rop){
        if(dataArray.length == 0){
            //upisivanje podataka u niz
            dataArray.push(fullName.value);
            dataArray.push(mail.value);
            dataArray.push(type.options[type.options.selectedIndex].value);
            dataArray.push(model.options[model.options.selectedIndex].text);
            dataArray.push(ukupanBrojDana * izabranAuto);
            modal();
```

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```javascript
            jePoslato = true;
        }
        else{
            modal();
        }

}}
//dinamicko kreiranje modala
function modal(){

    let firstName = dataArray[0].split(" ");
    let modal = document.getElementById("modal");
    let row = document.createElement("div");
    row.classList.add("row", "regenerate");
    let header = document.createElement("div");
    header.setAttribute("id","header");
    header.classList.add("col-12","text-left", "p-3");
    let headerNaslov = document.createElement("h2");
    headerNaslov.innerHTML += "CAR <span>ZONE</span>";
    let body = document.createElement("div");
    body.setAttribute("id", "body");
    body.classList.add("col-12", "p-2");
    let p = document.createElement("p");
    if(jePoslato){
        p.innerHTML = `Dear <span>${firstName[0]}</span>, You have already sent the request f
or the <span>${dataArray[2]} ${dataArray[3]}</span>!`
    }
    else{
        p.innerHTML = `Dear <span>${firstName[0]}</span>, you've successfully sent the reques
t for the <span>${dataArray[2]} ${dataArray[3]}</span>, all other information has been sent t
o your mail.</br>
    <span>${dataArray[1]}</br></span> <span class="modalTotal"> TOTAL: <i class="fas fa-
dollar-sign"></i> ${dataArray[4]}</span>`;
    }
    let footer = document.createElement("div");
    footer.setAttribute("id", "footer");
    footer.classList.add("col-12", "text-right");
    let button = document.createElement("button");
    button.setAttribute("type", "button");
    button.setAttribute("id", "closeModal");
    button.textContent = "Close";

    modal.appendChild(row);
    row.appendChild(header);
    header.appendChild(headerNaslov);
    row.appendChild(body);
    row.appendChild(footer);
```

```javascript
        body.appendChild(p);
    footer.appendChild(button);
    modal.style.visibility = "visible";

    button.onclick = function(){
    modal.style.visibility = "hidden";
    modal.style.opacity = "0";
    //brisanje prethodnog niza i modala
    row.remove();
}}
//ispisivanje testimonials-a
function testimonials(){
    let testimonials = [["assets/img/test1.png", "During all the years we have rented a car f
rom you, there has never been any problems. We are satisfied with both price and quality of y
our cars!", "Michael De Santa"],
                        ["assets/img/test2.png", "Thank you all once again for your exception
al service level. The customer experience served by everyone at CarZone is 1st class!", "Trev
or Philips"],
                        ["assets/img/test3.png", "Friendly and reliable service on site. The
booking went smoothly and was handled quickly. The car was perfect and very new!", "Franklin
Clinton"]]

    let parent = document.getElementById("testimonials");

    for(let i = 0; i < testimonials.length; i++){
        parent.innerHTML += ` <div class="col-12 col-md-4 mb-3 mb-md-0">
        <div class="col-12 testContent p-3">
            <i class="fas fa-quote-right"></i>
            <div class="d-flex justify-content-center p-2">
                <div class="testImage">
                    <img src="${testimonials[i][0]}" alt="guy">
                </div>
            </div>
            <span><i class="fas fa-star"></i><i class="fas fa-star"></i><i class="fas fa-
star"></i><i class="fas fa-star"></i><i class="fas fa-star"></i></span>
            <blockquote class="blockquote text-center">
                <p class="mb-0">${testimonials[i][1]}</p>
                <footer class="blockquote-footer"><cite>${testimonials[i][2]}</cite></footer>
             </blockquote>
        </div>
    </div>`;
    }
}
// ispisivanje sekcije about us
function about(){
    sadrzajTab = [
        ["What we're about", "We want to make renting a car as simple and personal as driving
 your own. Renting a car brings you freedom, and we'll help you find the right car for you at
```

```
 a great price. But there's much more to us than that. We're here to make renting a car a lot
 less hassle."],
        ["How we work", "Making sure you have a great experience every time you rent a car ma
kes us happy. We use our massive buying power to bring you great deals."],
        ["Why use us", "We use all our experience – and the experiences of thousands of our c
ustomers – to bring you the car you need and the quality of service you want. Always at the b
est price."],
        ["Who we are", "Our founders had the simple idea of wanting to make renting cars much
 better. And we've flourished because our customers love how we work."]
    ]
    let tab = document.getElementsByClassName("tab-content");
    for(let i = 0; i < sadrzajTab.length; i++){
        let h3 = document.createElement("h3");
        let p = document.createElement("p");
        h3.textContent = sadrzajTab[i][0];
        p.textContent = sadrzajTab[i][1];
        tab[i].appendChild(h3);
        tab[i].appendChild(p);
    }
}
// Ispisivanje informacije o autoru
function autor(){
    let naziv = "Adam Nikolić";
    let brIndeksa = "101/19";
    let tekst = "Hi. I'm a web developer from Požega, Serbia. Right now I'm studying Internet
 Technologies at Information and Communication Technologies College in Belgrade and I'm pursu
ing career in Web programming."
    let parent = document.getElementById("box");
    parent.innerHTML= `<div class="col-12 col-md-5 p-0">
    <img src="assets/img/autor.jpg" class="img-fluid" alt="autor">
</div>
<div class="col-12 col-md-7 p-0 p-lg-5 pb-2 pb-md-0" id="infoAutor">
    <div class="row m-0">
        <div class="col-12 d-flex justify-content-end p-1">
            <button type="button" id="closeAutor"><i class="fas fa-times"></i></button>
        </div>
    </div>
    <div class="row m-0">
        <div class="col-12 p-1 font-weight-bold">
            <h3 class="text-center font-weight-bold">${naziv} <span>${brIndeksa}</span></h3>
            <p>${tekst}
            </p>
        </div>
    </div>
    <div class="row m-0">
        <div class="col-12 d-flex flex-row flex-wrap linkovi justify-content-center">
            <div >
```

```html
                <a href="https://github.com/adamnik101"><button type="button" class="linkBtn">
<i class="fab fa-github-alt"></i></button></a>
                <a href="https://www.linkedin.com"><button type="button" class="linkBtn"><i cl
ass="fab fa-linkedin-in"></i></button></a>
                <a href="https://www.twitter.com"><button type="button" class="linkBtn"><i cla
ss="fab fa-twitter"></i></button></a>
                <a href="https://adamnik101.github.io/adamportfolio/index.html"><button type="
button" class="linkBtn"><i class="fas fa-address-book"></i></button></a>
            </div>
        </div>
    </div>
</div>`
}

  $(document).ready(function(){
    $(window).on("load",function() {
        $('.preloader').fadeOut('slow'); // za ucitavanje preloader-
a dok se cela stranica ne ucita
     });
    //animacija sidenav elemenata liste linkova
    $("#clickSide").click(function (){
        $(".slideIn").each(function(i){
            $(this).delay(200*i).animate({
                left : "0",
                opacity : "1"
            },700)
    })
    // da se tekstovi ne bi raspadali prilikom smanjivanja side navigacije
    $("#naslovSide").delay(500).animate({
        opacity : "1"
    }, 200)
    $("#copy").delay(500).animate({
        opacity : "1"
    }, 200);
    $("#openSide").css("box-
shadow", "0 0 0 10000px rgba(0,0,0,.50)"); // box shadow za efekat van side navigacije
})
    $("#closeSide").click(function(){ // za animaciju svakog elementa liste jedan nakog drugo
g
        $(".slideIn").each(function(){
            $(this).animate({
                left : "-250px"
            }).finish(); // finish() da bi se zaustavilo beskonacno ponavljanje animacije uko
liko se brze otvara i zatvara side navigacija
    })
    $("#naslovSide").css("opacity", "0");
    $("#copy").css("opacity", "0");
    $("#openSide").css("box-shadow", "none");
```

```
    })
    //tooltip inicijalizacija bootstrap
    $('body').tooltip({
        selector: '.fa-question-circle'
    });
    //canvasTekst animacija sa desno na levo
    $(".canvasTekst").animate({
        right : "0"
    }, 2000)
    //animations card block & btn top
    $(window).scroll(function(){
        if($(this).scrollTop() > 500){
            $(".sectionContent").each(function(i){
                $(this).delay(200 * i).animate({
                    opacity : "1",
                    top: "0"
                }, "slow")})}
        if($(this).scrollTop() > 900){
            $(".featured").animate({
                left : "0",
                opacity : "1"
            })
        }
        if ($(this).scrollTop() > 300) {
            $('#btnTop').fadeIn();
        } else{
            $('#btnTop').fadeOut();
        }
    });
    //glatka animacija nakon klika na dugme za gore i mali delay
    $('#btnTop').click(function(){
        $('html, body').animate({scrollTop : 0},0);
        return false;
    });

    //animacija artikala sa automobilima koji se prikazuju sa animacijom jedan nakon drugog
    var i = 0; // moglo je i preko indeks u each ali bi se drugim klikom cekalo i na prva 3 elementa
    var delay = 0;
    $("#loadMore").click(function(){
        delay = 0;
        $(".slide").each(function(){
                $(".slide").eq(i).delay(450 * delay++).animate({
                    top : "0",
                    opacity : "1"
                }), i++
        })
        })
```

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```javascript
//plugin za carousel aka owl-carousel
$(".first-owl").owlCarousel({
    responsiveClass:true,
    animateIn:true,
    autoplay: true,
    rewind: true,
    loop: false,
    nav:false,
    dots:true,
    dotsEach:true,
    responsive:{
    0:{
        items:1
    },
    850:{
        items:2
    },
    1000:{
        items:3
    }
    }
});
//dugmad za kontrolu owl-carousel
let $owl = $(".first-owl");
$("#btnDesno").click(function(){
    $owl.trigger("next.owl.carousel");
})
$("#btnLevo").click(function(){
    $owl.trigger("prev.owl.carousel");
})

$("#seeMoreModal").addClass("hide"); //pocetno stanje modala
//dodavanje klasa i efekata modalu
$(document).on("click", ".seeMore", function(){
    $("#seeMoreModal").fadeIn("fast");
    $("#seeMoreModal").addClass("block");
    $("#seeMoreModal").removeClass("hide");
    // za zatvaranje modala
    $("#closeSeeMore").on("click", function(){
        $("#seeMoreModal").fadeOut("fast", function(){
            $("#seeMoreModal").addClass("hide");
            $("#seeMoreModal").removeClass("block");
        });
    }
    )
    // isti efekat i preko dugmeta request sa slanjem ka formi
    $(".request").on("click", function(){
        $("html,body").animate({
```

```javascript
                scrollTop: $(".back").offset().top}, 0)
                $("#seeMoreModal").fadeOut("fast", function(){
                    $("#seeMoreModal").addClass("hide");
                    $("#seeMoreModal").removeClass("block");
                });
            })
        // owl carousel u see more
        $(".another-owl").owlCarousel({
            responsiveClass:true,
            loop: true,
            nav:false,
            dots:false,
            responsive:{
            0:{
                items:1,
                autoplay:true,
            }
        }
        });
        let $owl1 = $(".another-owl");
        $("#desno").click(function(){
            $owl1.trigger("next.owl.carousel");
        })
        $("#levo").click(function(){
            $owl1.trigger("prev.owl.carousel");
        })

})
//za fadeOut efekat owl-carousel
$("#fadeOwl").owlCarousel({
    animateOut: "fadeOut",
    autoplayTimeout: 10000,
    nav:false,
    loop: true,
    touchDrag: false,
    dots:false,
    autoplay: true,
    mouseDrag: false,
    responsive:{
    0:{
        items:1
    }
}
});
// prikazi prvog, a ostale sakrij
$('#tabs-nav li:first-child').addClass('active');
$('.tab-content').hide();
$('.tab-content:first').show();
```

```
//promeni klikom
$('#tabs-nav li').click(function(){
$('#tabs-nav li').removeClass('active');
$(this).addClass('active');
$('.tab-content').hide();

var activeTab = $(this).find('a').attr('href');
$(activeTab).fadeIn("slow");
return false;
});
//animacija pri prikazivanju modala nakon uspesnog popunjavanja forme
$("#form").on("submit", function(){
        $("#modal").animate({
            opacity : "1"
        }, 1000)
        $("#modal .row").animate({
            opacity : "1",
            top : "0"
        }, 1000)
})
$("#autorBtn").click(function(){
    autor(); //kreiranje dinamicki
    $("#autor").fadeIn();
    $("#closeAutor").click(function(){
        $("#autor").fadeOut();
    })
})
})
```