

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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1. Uvod

1.1. Korišćene tehnologije:

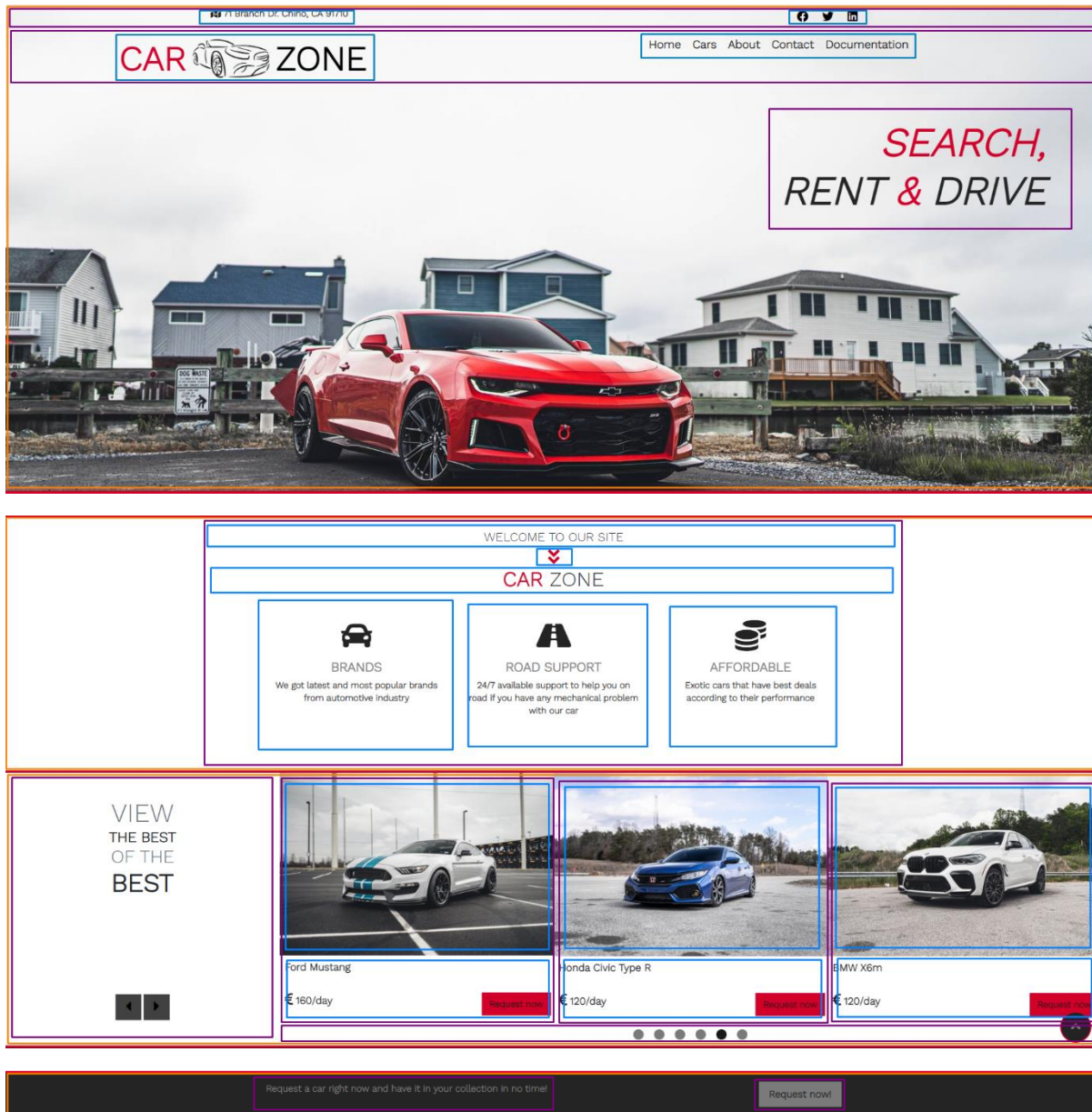
- HTML 5
- CSS3
- Bootstrap
- Javascript
- jQuery
- jQuery owl-carousel plugin
- Google maps API
- Visual Studio Code

1.2. Opis funkcionalnosti:

- Dinamičko učitavanje navigacionog menija i side navigacije
- Pojavljivanje dugmeta, koji korisnika klikom na isto vraća 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 još 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 istaknutih automobila, koji u sebi sadrži slajder(owl-carousel jQuery plugin) i još informacija o određenom automobilu. Klikom na dugme "Request now", korisnik se šalje do forme za popunjavanje obrasca
- U sekciji pored forme postoji isprogramiran slajder sa crossfade efektom, za glatku tranziciju, koji se dinamički učitava
- Provera podataka korisnika regularnim izrazima. Korisnik ima opciju da bira između 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 i ukupnu cenu za određeni broj dana za koji je automobil zahtevan
- Dinamičko ispisivanje sadržaja o utiscima korisnika
- Embedovan Google maps API na dnu stranice za lokaciju


1.3 Template

Za Izradu sajta nije korišćen preuzet template



All Featured Cars

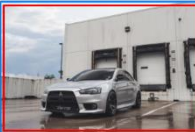
Choose one of our best deals!



Honda Civic Type R

€ 120/day 350hp


See more



Mitsubishi EVO X

€ 110/day 290hp


See more



BMW 420d Coupe

€ 120/day 310hp


See more



Mercedes 450 CLS

€ 160/day 375hp


See more



Subaru Impreza WRX

€ 130/day 340hp

See more



Chevrolet ZL1


€ 180/day 650hp

See more

More cars

Request form

Fill out the form below to request a car



Full name

E-mail

Payment method:

Cash

Credit card

Rent a car for x days:

x

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

”

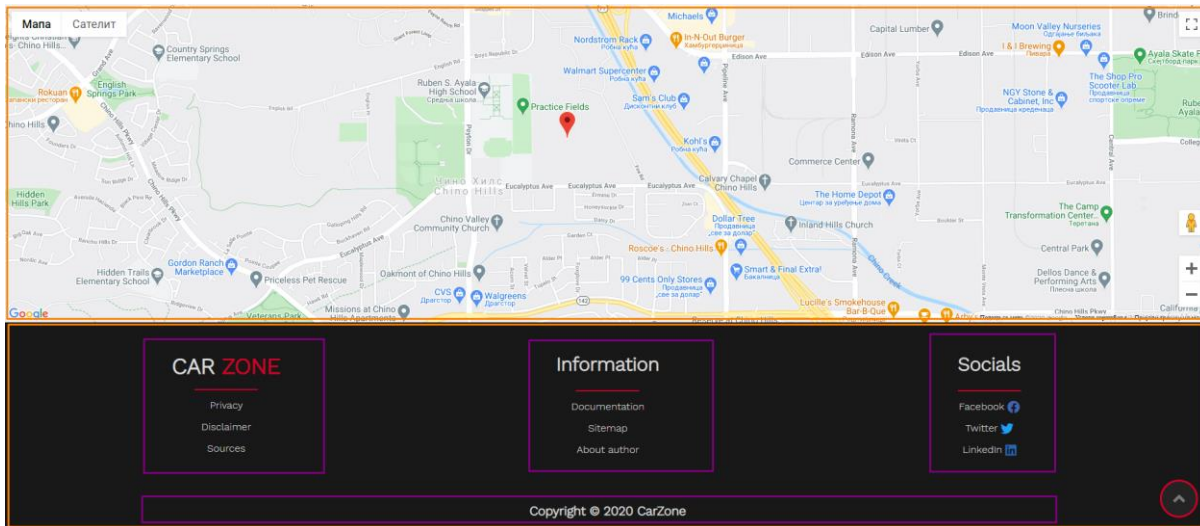


★★★★★

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

— Franklin Clinton

5



2.0 Organizacija sajta

2.1 Organizaciona šema

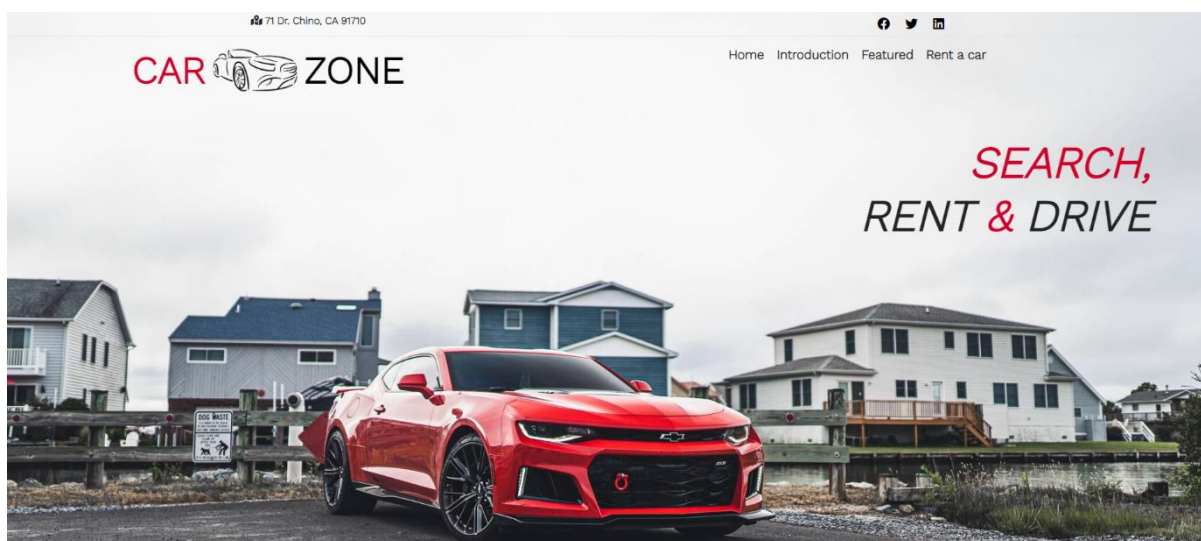
Ovaj sajt sadrži jednu stranicu (index.html)

2.2 Mapa sajta

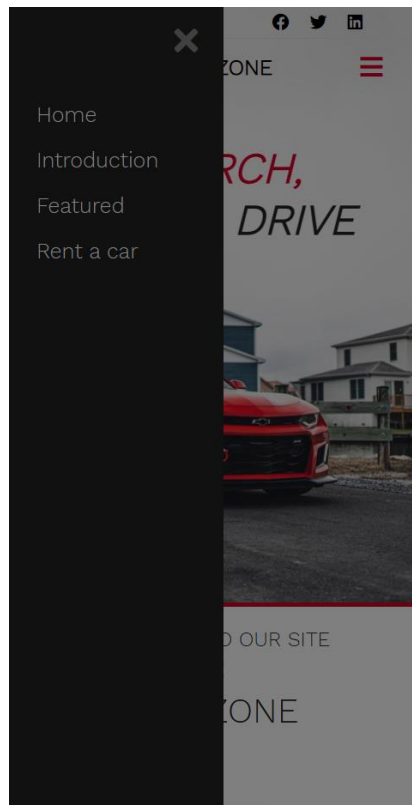
```
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/9">
  <url>

<loc>https://adamnik101.github.io/web_1/index.html</loc>
  <lastmod>2020-12-11</lastmod>
  <changefreq>daily</changefreq>
  <priority>1</priority>
</url>
</urlset>
```

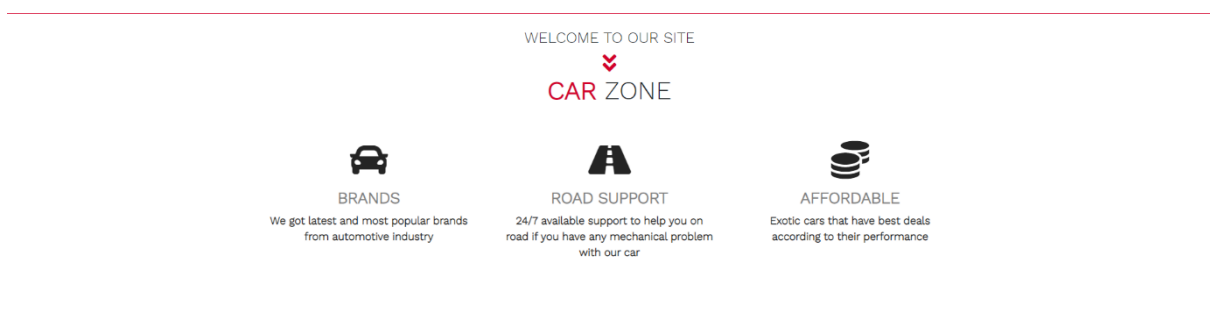
2.3 Slike sekcija sajta i opis funkcionalnosti



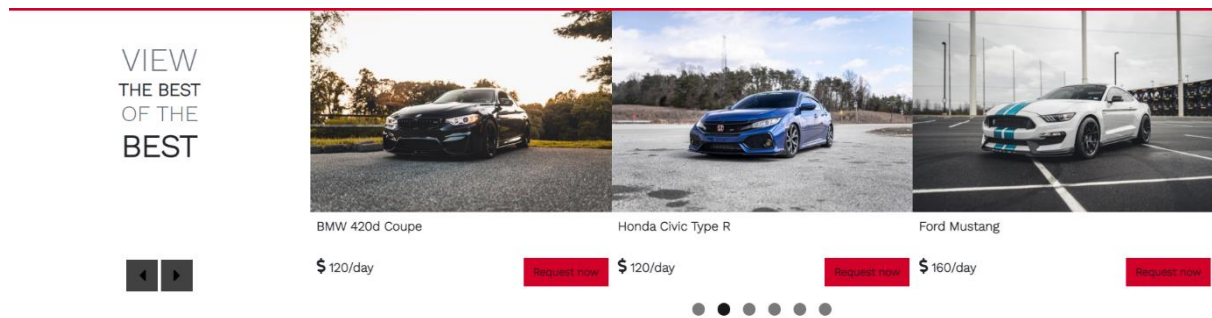
Prva sekcija koja je vidljiva nakon učitavanja stranice jeste Header sa pozadinskom slikom. Sekcija sadrži navigaciju koja se dinamički učitava. Navigacija se pri manjim rezolucijama uklanja i pojavljuje se „hamburger“ koji klikom na njega prikazuje side bar navigaciju i svaki element liste linkova se pojavljuje sa slide in efektom, jedan za drugim



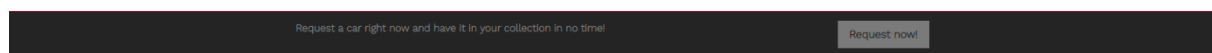
Navigacija na manjim rezolucijama



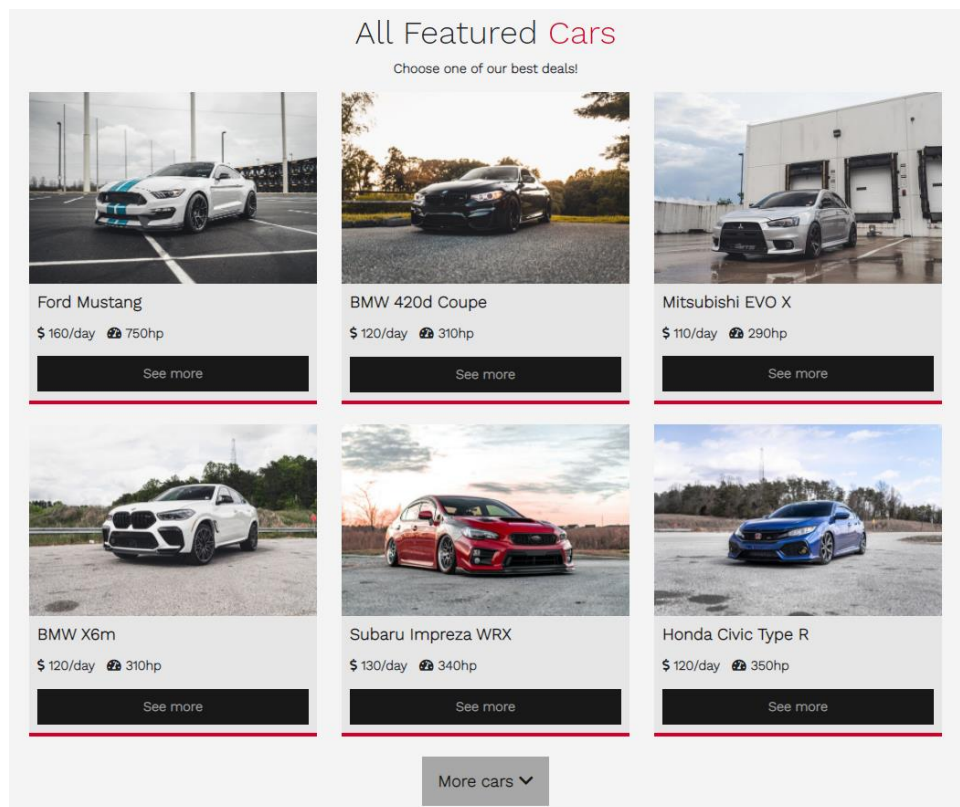
Uvodna sekcija sadrži naslove i tri bloka sa informacijama koji se dinamički ispisuju i ta tri bloka se prikazuju tek nakon što korisnik skroluje ka dole određeni broj piksela sa slide in i fade in efektom.



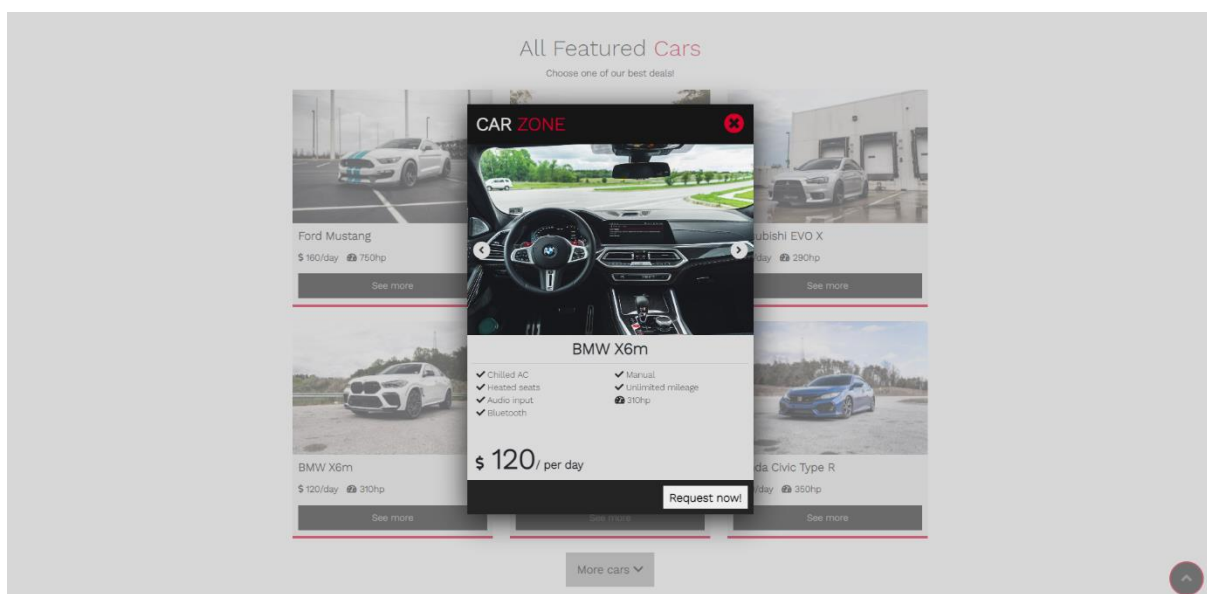
Ova sekcija sadrži slajder (jQuery owl-carousel plugin), svaki artikal tog slajdera se dinamički učitava i nasumično se bira sadržaj iz niza svaki put kada korisnik učitava stranicu. Slajder se automatski pokreće na desno za jedan artikal nakon određenog vremena. Korisniku je omogućeno da pomera slajder 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.



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 osnovne informacije o automobilima. Klikom na dugme „See more“ prikazuje se modal koji sadrži više informacija o automobilu. Modal ujedno sadrži i slajder sa slikama i dugmetom „Request now“ koji šalje korisnika ka formi za popunjavanje. Klikom na dugme „More cars“ ispisuju se još 3 automobila koja nisu već 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 više informacija o određenom automobilu

All Featured Cars

Choose one of our best deals!



Ford Mustang

\$ 160/day 750hp

[See more](#)



BMW 420d Coupe

\$ 120/day 310hp

[See more](#)



Mitsubishi EVO X

\$ 110/day 290hp

[See more](#)



BMW X6m

\$ 120/day 310hp

[See more](#)



Subaru Impreza WRX

\$ 130/day 340hp

[See more](#)



Honda Civic Type R

\$ 120/day 350hp

[See more](#)



Subaru WRX

\$ 130/day 360hp

[See more](#)



Mercedes 450 CLS

\$ 160/day 375hp

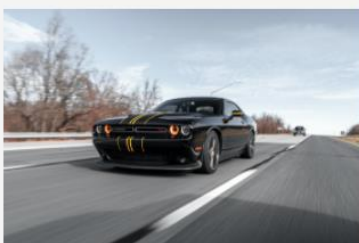
[See more](#)



Toyota Supra

\$ 300/day 382hp

[See more](#)



Dodge Challenger

\$ 200/day 700hp

[See more](#)



Ford F-150

\$ 160/day 280hp

[See more](#)



Chevrolet ZL1

\$ 180/day 650hp

[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 automatski slajder sa slikama koje sadrže isprogramiran crossfade efekat. 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 ima opciju da bira brend automobila i na osnovu koji brend 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 „Order 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.

Adam Nikolić

E-mail

Please enter a valid email address. ⓘ

Payment method: ⓘ Rent a car for x days:

☒ Cash x

☐ Credit card

Car can be only rented for 14 days max

Choose a brand

You must choose brand!

Choose a model

Order now!

Secured and powered by Norton

Forma koja zadovoljava jedino polje za ime i prezime

Full name

E-mail

Payment method: ⓘ Rent a car for x days:

☐ Cash x

☒ Credit card

Card number: 5XXXXXXXXXXXXXXXXX

Expiration date: CVV:

MM/YY ***

Choose a brand

Choose a model

Order now!

Secured and powered by Norton

Dodatna tri polja ukoliko korisnik izabere plaćanje karticom

Adam Nikolić

E-mail

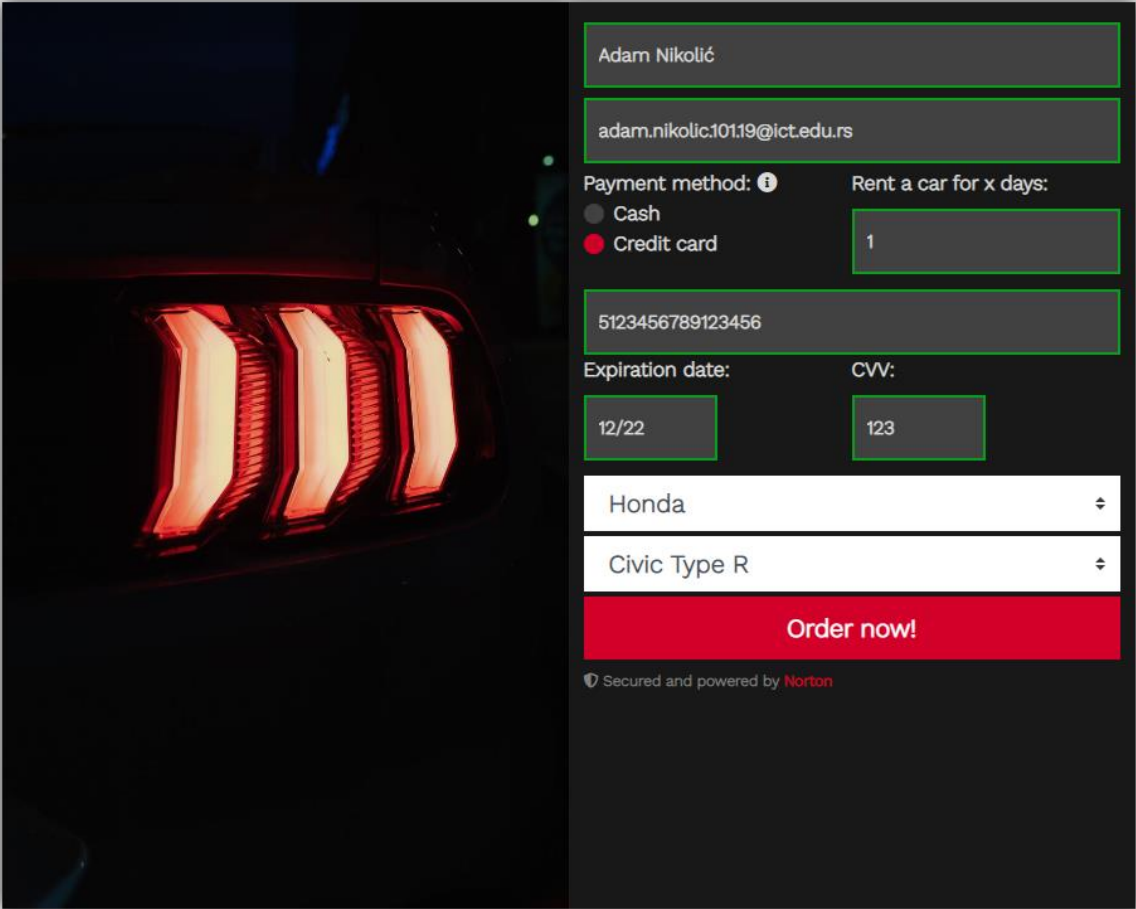
Please enter a valid email address. ⓘ

Payment method: ⓘ e.g. johndoe@example.com :

☒ Cash x

☐ Credit card

Tooltip za pomoć pri unosu podataka



Adam Nikolić

adam.nikolic10119@ict.edu.rs

Payment method: ⓘ
☐ Cash
☒ Credit card

Rent a car for x days:
 1

5123456789123456

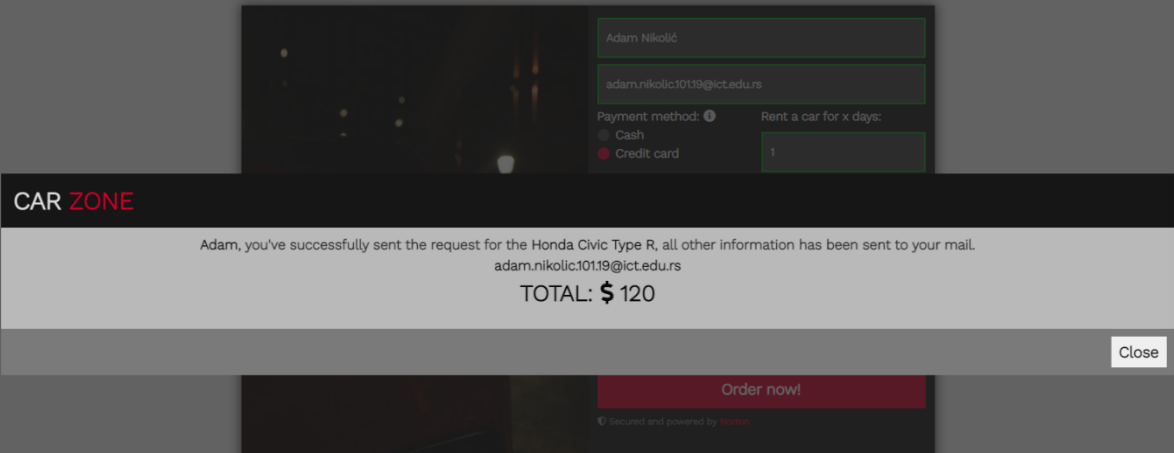
Expiration date: 12/22
 CVV: 123

Honda
 Civic Type R

Order now!

Secured and powered by Norton

Forma koja zadovoljava sva polja



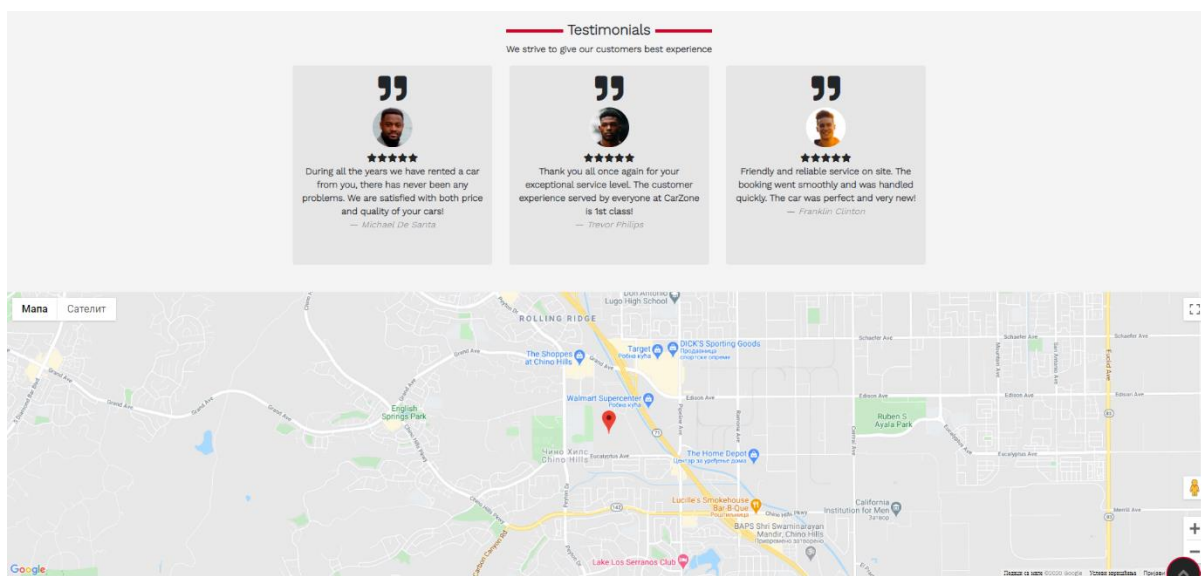
CAR ZONE

Adam, you've successfully sent the request for the Honda Civic Type R, all other information has been sent to your mail.
 adam.nikolic10119@ict.edu.rs

TOTAL: \$ 120

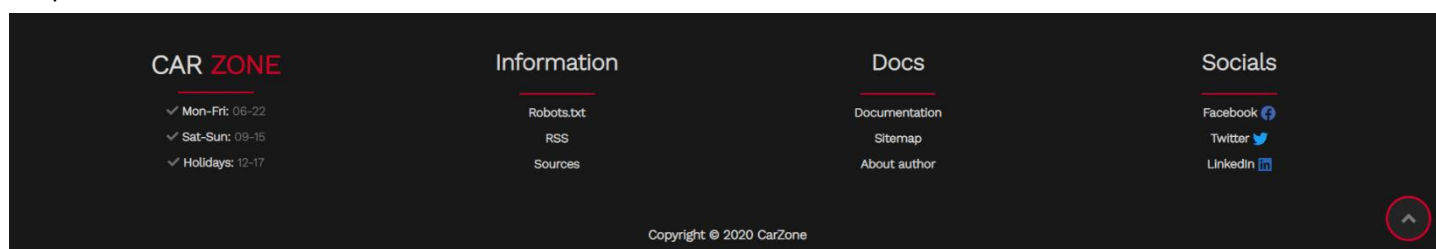
Close

Modal koji se ispisuje nakon uspešnog slanja

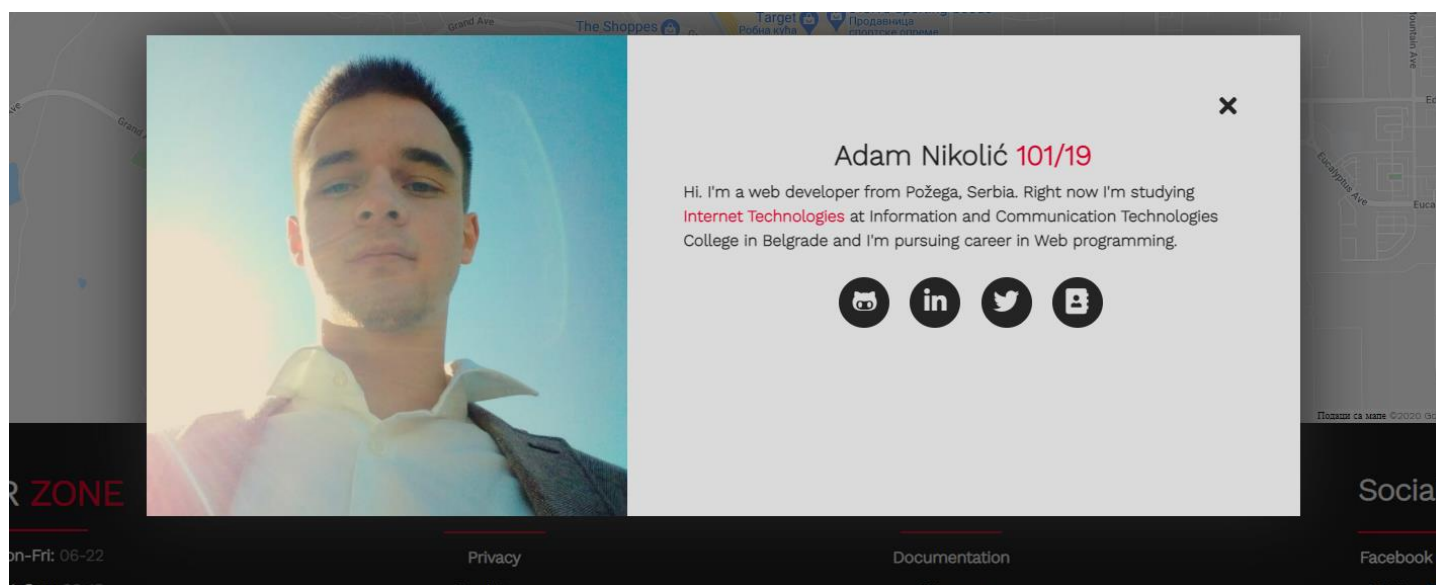


Sekcija sa utiscima i lokacijom

Prva sekcija sa utiscima korisnika se dinamički ispisuje iz niza, svaki artikal ima efekat kad se pređe mišem preko artikla. Druga sekcija sadrži lokaciju gde se kompanija nalazi pomoću Google Maps API.



U footer-u se nalaze osnovni podaci o radnom vremenu kompanije, sva potrebna dokumentacija i linkovi ka socijalnim mrežama. Klikom na „About author“ dinamički se ispisuje sadržaj o autoru pomoću modala sa fadeIn efektom.



Informacije o autoru

3.0 Kodovi

3.1 Index.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, even 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/bootstrap.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="container-fluid" id="canvas">
    <button id="btnTop" onclick="scrollUp1()"><i class="fas fa-angle-up"></i></button>
    <div class="row pt-1 pb-1 border-bottom">
      <div class="col-6 d-flex justify-content-center p-0">
        <span class="font-weight-bold">
          <i class="fas fa-map-marked-alt"></i> 71 Dr.Chino, CA 91710
        </span>
      </div>
      <div class="col-6 d-flex justify-content-center p-0">
        <a href="https://www.facebook.com" target="_blank" class="mr-3 p-1">
          <i class="fab fa-facebook align-middle"></i>
        </a>
        <a href="https://www.twitter.com" target="_blank" class="mr-3 p-1">
          <i class="fab fa-twitter align-middle"></i>
        </a>
        <a href="https://www.linkedin.com" target="_blank" class="p-1">

```



```

        <i class="fab fa-linkedin align-middle"></i>
      </a>
    </div>
  </div>
  <div class="row pt-2" id="fixed">
    <div class="col-10 col-md-5 d-flex justify-content-center logo pl-md-5">
      <a href="#">
        <span class="logo-text leviTekst">CAR</span>
        
        <span class="logo-text">ZONE</span>
      </a>
    </div>
    <div class="col-12 col-md-7 d-none d-lg-block" id="navigacija">
    </div>
    <div id="openSide" class="d-block d-lg-none">
      <button id="closeSide" class="float-right">
        <i class="fas fa-times"></i>
      </button>
    </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>
<div class="container-fluid">
  <div class="container">
    <div class="row mb-5 naslovContent" id="naslov">
    </div>
  </div>
</div>
<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">
        <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 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="#" id="requestBtn">Request now!</a>
            </div>
        </div>
    </div>
</div>
<div class="container-fluid" id="featuredSection">
    <div class="container">
        <div class="row">
            <div class="col">
                <h4 class="text-center pt-5">
                    All Featured <span>Cars</span>
                </h4>
                <p class="text-center font-weight-bold">
                    Choose one of our best deals!
                </p>
            </div>
        </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>
<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 id="absolute">
                </div>
            </div>
            <div class="requestForm p-2">
                <form action="nesto.php" method="POST">
                    <div class="form-group row col-12 p-0 ml-0 mb-2">
                        <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 col-md-6 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>

```

```

        <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 class="col-12 col-md-6 p-0">
        <div class="form-group col-12 p-0 ml-0 mb-1">
            <label for="day">Rent a car for x days:</label>
            <input type="number" id="day" placeholder="x" class="w-
100">

            </div>
        </div>
        <span id="daysError" class="greskaTekst"></span>
    </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">
        <button type="button" id="searchBtn">Order now!</button>
    </span>
    <span id="secured"><i class="fas fa-shield-
alt"></i> Secured and powered by <span>Norton</span></span>
    </form>
</div>
</div>
</div>
</div>
<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>
    </div>
</div>
<div class="container-fluid" id="map">
</div>
<div class="container-fluid" id="pageFooter">
    <div class="row p-5">
        <div class="col-12 col-sm-6 col-md-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-md-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-md-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-md-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>
            </ul>
        </div>
    </div>

```

```

        </li>
        <li>
            <a href="https://www.twitter.com" target="_blank">Twitter
                <i class="fab fa-twitter align-middle"></i>
            </a>
        </li>
        <li>
            <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">
        <p>Copyright &copy; 2020 CarZone</p>
    </div>
</div>
</div>
<div id="autor">
    <div class="container-fluid d-flex flex-column justify-content-center postavi">
        <div class="container p-0">
            <div class="row" id="box">
            </div>
        </div>
    </div>
</div>
<div id="modal" class="d-flex justify-content-center align-items-center"></div>
<div id="seeMoreModal" class="d-flex justify-content-center align-items-center"></div>
<!-- jQuery -->
<script src="assets/js/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>
<!-- Google Maps API -->
<script defer src="https://maps.googleapis.com/maps/api/js?key=AIzaSyAo-1yDsv4DlqW7H6BdAkL1VvUXJ-4MPmM&callback=initMap"></script>
<!-- Main js -->
<script src="assets/js/main.js"></script>
</body>
</html>

```

3.2 Style.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;
}
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;
    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;
    }
}
}
}
#seeMoreModal{
    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);
    .relative{
        position: relative;
        width: 500px;
        top: 0%;
        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;
    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$red;
    #btnTop{
        z-index: 9999999;
        visibility: hidden;
        position: fixed;
        bottom: 20px;
        right: 20px;
        width: 60px;
        height: 60px;
        border-radius: 50%;
        border: 3px solid$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{
    ul{

```

```
list-style-type: none;
li{
    padding: 5px;
    margin-right: 10px;
    font-size: 20px;
    font-weight: bold;
    text-align: center;
    a{
        color:$black;
        &:hover{
            color:$red;
            border-bottom: 3px solid$red;
        }
    }
}
}
}
}
.canvasTekst{
    color:$red;
    font-size: 70px;
    font-style: italic;
    position: relative;
    right: -100%;
    text-align: right;
    span{
        color:$black;
    }
}
#clickSide{
    padding: 10px;
    background-color:transparent;
    color:rgb(211, 0, 42);
    border: none;
    outline: none;
    i{
        font-size: 30px;
        &:hover{
            color:rgb(24, 24, 24);
        }
    }
}
#openSide{
    height: 100%;
    width: 0;
    position: fixed;
    z-index: 999;
    top: 0;
    left: 0;
```

```

background-color: #111;
overflow-x: hidden;
transition: 0.5s;
button{
    border: none;
    outline: none;
    margin-right: 30px;
    margin-top: 20px;
    background-color: transparent;
    i{
        font-size: 40px;
        color: rgb(65, 65, 65);
        &:hover{
            color:$red;
        }
    }
}
nav{
    ul{
        margin-top: 100px;
        .slideIn{
            position: relative;
            left: -250px;
            opacity: 0;
            a{
                padding: 8px 8px 8px 32px;
                text-decoration: none;
                font-size: 25px;
                color: #818181;
                display: block;
                transition: 0.3s;
                &:hover{
                    color:$red;
                }
            }
        }
    }
}
}
height:850px;
position: relative;
background-image: url('../img/muscle_chevy1.jpg');
background-size: cover;
background-position: center;
background-repeat: no-repeat;
.fab{
    color: black;
    font-size: 20px;

```

```

}
.tekstBoja{
  color: black;
}
.logo{
  height:80px;
  a{
    height: 80px;
    .leviTekst{
      color:$red !important;
      vertical-align: middle;
    }
    img{
      display: inline;
      height: 100%;
      vertical-align: middle;
    }
    .logo-text{
      font-size: 60px;
      font-weight: bold;
      color: black;
      vertical-align: middle;
    }
  }
}
}
}
}
.naslovContent{
  .naslov{
    h1{
      span{
        color:$red;
        font-weight: bold;
      }
    }
    span{
      .fas{
        font-size: 35px;
        color:$red;
      }
    }
  }
}
.sectionContent{
  position: relative;
  z-index: 99;
  top: -250px;
  opacity: 0;
  color:$black;
  i{

```



```

        margin-right: 5px;
        padding: 10px 15px;
        font-size: 17px;
        background-color:$red;
        color: rgb(24, 24, 24);
    }
}
}
.owl-dots{
    display: flex;
    flex-direction: row;
    justify-content: center;
    .owl-dot{
        width: 20px;
        margin: 10px;
        height: 20px;
        border-radius: 50%;
        background-color: rgb(122, 122, 122);
        &:focus{
            outline: none;
        }
    }
    .active{
        background-color: rgb(24, 24, 24);
    }
}
}
#grupaDugmad{
    button{
        width: 50px;
        height: 50px;
        background-color: rgb(65, 65, 65);
        border: none;
        font-size: 30px;
        transition: 0.5s;
        &:focus{
            outline: none;
            background-color:$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{

      &: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$red;
padding: 10px;
background-color: rgba(218,218,218,0.5);
h5{
    color: rgb(24, 24, 24);
    font-weight: bold;
    display: block;
}
p{
    font-weight: bold;
}
button{
    display: block;
    width: 100%;
    border: none;
    outline: none;
    padding: 10px 15px;
    background-color: rgb(24, 24, 24);
    color: rgb(151, 151, 151);
    font-weight: bold;
    transition: 1s;
    background-size: 0% 200%;
    transition: background-color 1.5s;
    &:hover{
        background-color:rgb(211, 0, 42);
        background-image:linear-
gradient(to right,$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;
                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: 450px;
    height: 720px;
    box-shadow: 0px 0px 15px $black;
    #absolute{
      position: relative;
      height: 100%;
      .slideShow{
        position: absolute;
        top: 0;
        right: 0;
        width: 100%;
        height: 100%;
      }//animacija za js crossfade sliding
      .fadeIn{
        animation-name: fadeIn;
        animation-duration: 15s;
      }
      .fadeOut{
        animation-name: fadeOut;
        animation-duration: 15s;
      }
      @keyframes fadeIn {
        0%{opacity: 0;}
        25%{opacity: 0;}
        75%{opacity: 1;}
        100%{opacity: 1;}
      }
    }
  }
}

```

```

    @keyframes fadeOut {
      0%{opacity: 1;}
      25%{opacity: 1;}
      75%{opacity: 0;}
      100%{opacity: 0;}
    }
  }
}

.requestForm{
  height: 720px;
  width: 450px;
  box-shadow: 0px 0px 15px $black;
  input{
    padding: 13px 10px;
    background-color: rgb(65, 65, 65);
    color: $white;
    border: none;
    outline: none;
    font-weight: bold;
    font-size: 15px;
  }
  .custom-control-input{
    &:checked~{
      .custom-control-label{
        &::before{
          background-color:$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;
  }
}

background-color: rgb(24, 24, 24);

```

```

color: $white;
font-weight: bold;
.ddlCar{
    #carType, #carModel{
        font-size: 20px;
        padding: 5px 20px;
        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{
    button{
        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;
    }
}
}
#map
{

```

```

    height: 500px;
}
#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{
        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: $white;
    font-weight: bold;
}
}
#autor{
    display: none;
    width: 100%;
    height: 100%;
    position: fixed;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    z-index: 9999999999999;
    background-color: rgba($color: #000000, $alpha: 0.5);
    .postavi{
        height: 100%;
        #box{
            box-shadow: 0px 0px 70px $black;
            #infoAutor{
                background-color:$white;
                color: $black;
                span{
                    color: $red;
                }
                .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{

```



```
width: 100%;  
.formSlide{  
    width: 100%;  
    max-height: 577px;  
    #absolute{  
        min-height: auto;  
    }  
}  
.requestForm{  
    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;  
                }  
            }  
        }  
    }  
}  
}
```

```

#canvas{
  .searchForm{
    .search{
      h4{
        font-size: 20px;
      }
    }
  }
}
#seeMoreModal{
  .relative{
    width: 90%;
  }
}
.back{
  .requestForm{
    .greskaTekst{
      font-size: 14px;
      i{
        font-size: 18px;
        padding-top: 5px;
      }
    }
  }
}
}
}
}

```

3.3 Main.js

```
window.onload = function(){

    //ucitavanje navigacije
    navigacija1();
    sideNav();
    //ucitavanje drop-down liste
    ddl();
    //Introduction section
    info1();
    //Crossfade images
    showImg();
}

var navigacija = ["Home", "Introduction", "Featured", "Rent a car", "Testimonials"];
var navigacijaLinkovi = ["index.html", "#naslov", "#featuredSection", "#formNaslov", "#TestimonialsSection"];

var izabranAuto;
var cena = [
    ["Chevrolet", 180],
    ["Dodge", 200],
    ["BMW", 120],
    ["Subaru", 130],
    ["Mitsubishi", 110],
    ["Ford", 160],
    ["Honda", 120],
    ["Toyota", 300],
    ["Mercedes", 160]];

window.onscroll = function(){
    scrollUp1()
};

function scrollUp1(){
    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
function info1(){
    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 mechanical problem with our car", "fas fa-road"],
        ["AFFORDABLE", "Exotic cars that have best deals according to their performance", "fas fa-coins"]
    ];

    document.getElementsByClassName("naslovContent")[0].innerHTML = `<div class="col-12 text-center naslov p-4">
                                                                    <h4>${naslov[0]}</h4>
                                                                    <span><i class="fas fa-angle-double-down"></i></span>
                                                                    <h1><span>${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>`
}

// Dinamicko ispisivanje navigacije i sidenav
function navigacija1(){
    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]}`;
}
}

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", `${navigacijaLinkovi[indeks]}`);
        sideA.textContent = `${navigacija[indeks]}`;
    }
}

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 ispisivanje ddl
function ddl(){

```



```

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

var model = document.getElementById("carModel");
model.disabled=true;

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

//za upisivanje vrednosti na osnovu prvog selecta u drugi
document.getElementById("carType").onchange = function(){
    model.disabled = this.value == '0'
    var 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]){
            console.log(selCar)
            ProveriNazad(cena[i][1]);
        }
    }
    if(selCar == "0"){
        model.appendChild(firstOpt);
    }
    var cars = carsAndModels[selCar];
    if (cars) {
        for (var i = 0; i < cars.length; i++) {
            var car = document.createElement("option");
            car.setAttribute("value", i);
            var text = document.createTextNode(cars[i]);
            car.appendChild(text);
            model.options.add(car);
            document.getElementById("brandError").textContent = "";
        }
    }
}

```

```

    }
}
function ispisivanjeOpt(){
    var type = document.getElementById("carType");
    for(let i = 0; i < Object.keys(carsAndModels).length; i++){

        var opt = document.createElement("option");
        opt.setAttribute("value", Object.keys(carsAndModels)[i]);
        var text = document.createTextNode(Object.keys(carsAndModels)[i]);
        opt.appendChild(text);
        type.appendChild(opt);
    }
}
ispisivanjeOpt();
}

// dinamicko i nasumicno ispisivanje automobila u index.html
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 WRX", 130, "340hp"],
    ["assets/img/muscle_chevy1.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.jpeg", "Ford Mustang", 160, "750hp"],
    ["assets/img/sports_bmw2.jpg", "BMW X6m", 120, "310hp"],
    ["assets/img/suv_ford1.jpg", "Ford F-150", 160, "280hp"]];

    //niz u koji ubacujemo DISTINCT vrednosti do 12
var random = [];
    // funkcija za random ispisivanje iz niza
function generate(){
    //broj elemenata niza
    for (var i = 0; i < carContent.length; i++){
        var trenutni = Math.floor(Math.random() * carContent.length);
        if(random.indexOf(trenutni) == -1){
            random.push(trenutni);
        }
        else i--;
    }
}

function owlCarouselContent(){
    generate();
    let parent = document.getElementById("automobili");

```

```

    let child = document.createElement("div");
    child.classList.add("owl-carousel", "first-owl");
    parent.appendChild(child);
    for(let i = 0; i < 6; i++){
        child.innerHTML += `

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```

```

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>`
        modal.style.visibility = "visible";
        modal.style.opacity = "1";
    }
    var request = document.getElementsByClassName("request");
    var closeSeeMore = document.getElementById("closeSeeMore");

    closeSeeMore.addEventListener("click", function(){
        modal.style.visibility = "hidden";
        modal.style.opacity = "0";})

    for(let i = 0; i < request.length;i++){
        request[i].addEventListener("click", function(){
            modal.style.visibility = "hidden";
            modal.style.opacity = "0";
        })
    }
    //ponovni carousel zbog dugmadi da ne bi kontrolisali onaj prvi
    $(".another-owl").owlCarousel({
        responsiveClass:true,
        loop: true,
        nav:false,
        dots:false,
        responsive:{
            0:{
                items:1,
                autoplay:false,
            }
        }
    });
    let $owl = $(".another-owl");
    $("#desno").click(function(){
        $owl.trigger("next.owl.carousel");
    })
    $("#levo").click(function(){
        $owl.trigger("prev.owl.carousel");
    })
    $(".request").click(function(){
        $("html,body").animate({
            scrollTop: $(".back").offset().top}, 1500)
    })

    })
}
}

```

```

function ispisCarContent(){
    generate();
    var div = document.getElementById("showCars");
    // ispisivanje prvih 6 artikala
    for(let i = 0; i < carContent.length - 6; i++){
        div.innerHTML += `<div class="col-lg-4 col-12 col-sm-6 mb-4 scale">
            <div class="imgHolder">
                
            </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 &nbsp; <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>`
    }
    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(var i = 6; i < carContent.length - 3; 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">
                        
                    </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 &nbsp; <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>
                `
            }
            click1 = 1;
        }
    });
}

```

```

        </div>`;
    }
    upisVrednosti()
}

if(click1 > 0){
    //ispisivanje ostatka
    for(var i = 9; 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">
            
        </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 &nbsp; <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>`;
    }
    upisVrednosti()
}
click1++;
})
}

//ispisivanje slika za crossfade efekat
function crossfade(){
    let formCrossfade = ["assets/img/form1.jpg", "assets/img/form3.jpg", "assets/img/form4.jp
g"];

    let parent = document.getElementById("absolute");
    for(indeks in formCrossfade){
        let img = document.createElement("img");
        img.setAttribute("src",formCrossfade[indeks]);
        img.className = "slideShow fadeIn fadeOut";
        img.alt="car";
        parent.appendChild(img);
    }
}

// kreiranje crossfade efekta za smooth prelazak sa slike na sliku
var indeks = 0;
var indeksOpacity = 0;
function showImg(){

```

```

var slideShow = document.getElementsByClassName("slideShow");
for(let i = 0; i < slideShow.length;i++){
    slideShow[i].style.visibility = "hidden";
    slideShow[i].classList.remove("fadeIn");
    slideShow[i].classList.remove("fadeOut");
}
indeks++;
indeksOpacity++;
if (indeks > slideShow.length) {indeks = 1};
if(indeksOpacity > slideShow.length - 1){indeksOpacity = 0};
slideShow[indeks - 1].style.visibility="visible";
slideShow[indeks - 1].classList.add("fadeOut");
slideShow[indeksOpacity].style.visibility="visible";
slideShow[indeksOpacity].classList.add("fadeIn");
setTimeout(showImg, 15000);
}
crossfade();

//dohvatanje elemenata
var fullName = document.getElementById("fullName");
var mail = document.getElementById("mail");
var payment = document.getElementsByName("payment");
var type = document.getElementById("carType");
var cvv = document.getElementById("cvv");
var model = document.getElementById("carModel");

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

//regularni izrazi
var regExFullName = /^[A-ŠĐČŽ][a-zšđčž]{2,14}(\s[A-ZČŽŠĐ][a-zšđčž]{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-info-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-info-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 = "";
        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};
}
function proveraDays(){
    //provera da li je korisnik uneo broj dana
    var day = document.getElementById("day");
    var dayError = document.getElementById("daysError");
    var regExDays = /^[1-9]|[1][0-4]$/;

```



```

let boolean;
let value;
if(!regExDays.test(day.value)){
    dayError.innerHTML = "Car can be only rented for 14 days max";
    day.classList.add("greska");
    day.classList.remove("correct");
    boolean = false;
}
else{
    dayError.innerHTML = "";
    day.classList.add("correct");
    day.classList.remove("greska");
    value = day.value;
    boolean = true;
}
return {value, boolean};
}
var cardMade = 0;

//za pravljenje nova 3 polja ako je korisnik izabrao karticu
payment[1].onclick = function (){
    if(cardMade == 0){
        var placeholder = ["MM/YY", "****"];
        var id = ["validThru", "cvv"];
        var labelMain = ["Expiration date:", "CVV:"];

        var parentDiv = document.getElementById("card");
        var formMore = document.createElement("div");
        formMore.classList.add("d-flex", "justify-content-between", "flex-wrap", "mt-2", "mb-2", "cardHolder");

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

        var 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++){
            var wrap = document.createElement("div");
            wrap.classList.add("w-50");
            formMore.appendChild(wrap);
            var label = document.createElement("label");

```

```

        label.classList.add("w-100");
        label.setAttribute("for", id[i]);
        var labelText = document.createTextNode(labelMain[i]);
        label.appendChild(labelText);
        wrap.appendChild(label);
        var 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);
    }
    var idGreska = ["expDateError", "cvvError"];
    for(let i = 0; i < 2; i++){
        var greske = document.createElement("div");
        greske.classList.add("w-50");
        formMore.appendChild(greske);
        var 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(){
    proverExpDate();
}
document.getElementById("cvv").onchange = function(){
    proverCvv();
}
document.getElementById("cardContent").onchange = function(){
    proverCardNumber();
}
}
//ako je korisnik izabrao cash
payment[0].onclick = function(){
    if(cardMade > 0){
        document.querySelector(".cardHolder").remove();
        cardMade--;
    }
}
//za menjanje metoda placanja, izlaskom misa
payment.forEach(
    selected => selected.onchange = function(){
        proverCashCard();
    }
)

```

```

)
//provera da li je korisnik uneo broj kartice
function proveraCardNumber(){
    var regexCardNumber = /^5[0-9]{15}$/;
    var cardNumber = document.getElementById("cardContent");
    var cardNumberError = document.getElementById("cardNumberError");

    if(!regexCardNumber.test(cardNumber.value)){
        cardNumberError.innerHTML = "Format: 5XXXXXXXXXXXXXXXXX(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
    var regexExpDate = /^(([0][1-9]|[1-2][0-2])\((([2][0-6])|([2][0][2-3][0-6]))\))$/;
    var expDate = document.getElementById("validThru");
    var expDateError = document.getElementById("expDateError");

    if(!regexExpDate.test(expDate.value)){
        expDateError.innerHTML = 'Incorrect format <i class="fas fa-info-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 = "";
        expDate.classList.remove("greska");
        expDate.classList.add("correct");
        return true;
    }
}

//provera da li je unet cvv/cvc
function proveraCvv(){
    var regexCvv = /^[0-9]{3}$/;
    var cvv = document.getElementById("cvv");
    var cvvError = document.getElementById("cvvError");
    if(!regexCvv.test(cvv.value)){

```

```

        cvvError.innerHTML = 'Incorrect format <i class="fas fa-info-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();
}

day.onChange = function (){
    proveraDays();
    proveriT();
}

//za ponovnu proveru ako je korisnik promenio cenu nakon selektovanja brenda
var proveriT = function(){
    var type = document.getElementById("carType");
    var selCar = type.options[type.selectedIndex].value;
    for(let i = 0; i < cena.length; i++){
        if(selCar == cena[i][0]){
            ProveriNazad(cena[i][1]);
        }
    }
}

function ProveriNazad(cena){
    let izabraniDani = proveraDays();

```

```

    let brojDana = izabraniDani.value;
    izabranAuto = brojDana * cena;
}
//provera nakon klika da li su pravilno uneti podaci
document.getElementById("searchBtn").addEventListener("click", function(){
    let fullName = proveraFullName();
    let mail = proveraMail();
    let day = proveraDays();
    let type = proveraType();
    let cashOrCard = proveraCashCard();
    let pickedDay = day.boolean;
    let bool = cashOrCard.boolean;
    let cardValue = cashOrCard.value;
    if(cardValue == payment[1].value){
        let exp = proveraExpDate();
        let cvv = proveraCvv();
        let card = proveraCardNumber();
        if(exp && cvv && card){
            celokupnaProvera(fullName, mail, type, bool, pickedDay);
        }
    }
    if(cardValue == payment[0].value){
        celokupnaProvera(fullName, mail, type, bool, pickedDay);
    }
});

function celokupnaProvera(imeProvera, mailProvera, typeProvera, cashCardProvera, dayProvera){
    let predajaPodataka = 0;
    //provera svih unetih podataka
    if(imeProvera && mailProvera && typeProvera && cashCardProvera && dayProvera){
        if(dataArray.length == 0){
            //upisivanje podataka u niz
            dataArray.push(fullName.value);
            dataArray.push(mail.value);
            carContent[type.options[type.options]]
            dataArray.push(type.options[type.options.selectedIndex].value);
            dataArray.push(model.options[model.options.selectedIndex].text);
            dataArray.push(izabranAuto);
            console.log(dataArray);
            predajaPodataka++;
            console.log(predajaPodataka)
            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");
p.innerHTML = `<span>${firstName[0]}</span>, you've successfully sent the request for the
<span>${dataArray[2]} ${dataArray[3]}</span>, all other information has been sent to your ma
il.</br>
<span>${dataArray[1]}</br></span> <span class="modalTotal"> TOTAL: <i class="fas fa-
dollar-sign"></i> ${izabranAuto}</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);

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
dataArray = []
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 exceptional service level. The customer experience served by everyone at CarZone is 1st class!", "Trevor 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">
                
            </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>`;
}
testimonials();
// 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 pursuing career in Web programming."
    let parent = document.getElementById("box");
    parent.innerHTML= `<div class="col-12 col-md-5 p-0">
    
</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 >
            <a href="https://github.com/adamnik101"><button type="button" class="linkBtn">
&lti 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>`
}

// Google maps API
function initMap() {
    const uluru = { lat: 33.992464973409135, lng: -117.72586818553368 };
    const map = new google.maps.Map(document.getElementById("map"), {
        zoom: 14,
        center: uluru,
    });
    const marker = new google.maps.Marker({
        position: uluru,
        map: map,
    });
}

$(document).ready(function(){
    ispisCarContent();
    //animacija sidenav elemenata liste linkova
    $("#clickSide").click(function (){
        let i = 1;
        $(".slideIn").each(function(){
            $(this).delay(200*i).animate({
                left : "0",
                opacity : "1"
            },700); i++
        })
        $("#openSide").css("box-shadow", "0 0 0 10000px rgba(0,0,0,.50)");
    })
    $("#closeSide").click(function(){

```



```

        $(".slideIn").each(function(){
            $(this).animate({
                left : "-250px"
            })
        })
$("#openSide").css("box-shadow", "none");
})
//tooltip inicijalizacija bootstrap
$('body').tooltip({
    selector: '.fa-info-circle'
});
//canvasTekst animacija sa desno na levo
$(".canvasTekst").animate({
    right : "0"
}, 1000)
//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},300);
    return false;
});
//animacija artikala sa automobilima koji se prikazuju sa animacijom jedan nakon drugog
$("#loadMore").click(function(){
    $(".slide").each(function(i){
        $(this).delay(450 * i).animate({
            top : "0",
            opacity : "1"
        })
    })
})

```

```

    })

    //Skrol do sekcije
    $("#requestBtn").click(function(){
        $("html,body").animate({
            scrollTop: $(".back").offset().top}, 1500)
    })
    //plugin za carousel aka owl-carousel
    $(".first-owl").owlCarousel({
        responsiveClass:true,
        autoplay: true,
        animateIn:true,
        loop: true,
        nav:false,
        dots:true,
        dotsEach:true,
        responsive:{
            0:{
                items:1,
                autoplay:false,
            },
            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");
    })

    //animacija pri prikazivanju modala nakon uspesnog popunjavanja forme
    $("#searchBtn").on("click", function(){
        $("#modal").animate({
            opacity : "1"
        }, 1000)
        $("#modal .row").animate({
            opacity : "1",
            top : "0"
        }, 1000)
    })

```

```
$("#autorBtn").click(function(){  
    autor();  
    $("#autor").fadeIn();  
    $("#closeAutor").click(function(){  
        $("#autor").fadeOut();  
    })  
})  
})
```