Visoka škola strukovnih studija

za informacione i komunikacione

tehnologije

Auto – Car Wash

https://carwashnc.netlify.app/

Smer: Internet tehnologije

Modul: Web programiranje

Predmet: Web programiranje 1

Nemanja Ćinćur 75/20

Sadržaj

Sadržaj

1. Uvod

1.1 Korišćeni programski jezici i tehnologije:

- HTML 5
- CSS3 / SASS
- Bootstrap
- Adobe Photoshop
- jQuery
- JavaScript
- XML(sitemap)

1.2 Opis funkcionalnosti

- Dinamičko učitavanje top-bara(sekcija iznad navigacije)
- Dinamičko učitavanje navigacije, glavni meni za uređaje veće rezolucije, hamburger meni za uređaje manje rezolucije, prilikom skorlovanja navigacija ostaje fiksna i ne mijenja boju
- U zavisnosti od sekcije na kojoj se korisnik nalazi mijenja se i boja aktivnog linka te sekcije
- Interaktivno slajder koji sam mijenja slike
- Dinamičko učitavanje sekcije Services
- Dinamičko učitavanje Facts sa automatskim odbrojavanjem
- Dinamičko učitavanje sekcije Price
- Dinamičko učitavanje sekcije Locations
- Dinamičko učitavanje sekcije Teams
- Trenutna provjera forme kao i klikom na dugme Send Message, ukoliko je forma pravilno popunjena korisniku će ispisati da je poruka poslata
- Dinamičko učitavanje sekcije Autor
- Dinamičko učitavanje Footer-a

1.3 Template

Za izradu sajta korišćeno je gotovo rješenje, CSS template https://demo.htmlcodex.com/1040/car-wash-website-template/index.html uz modifikaciju css i JavaScript od strane autora. JS kod temlplate se nalazi u fajlu main.js, dok se JS autora nalazi u fajlu main2.js.

2. Organizacija

2.1 Šema organizacije
Sajt je realizovan kao single page sajt, jedina stranica je index.html.

2.2 Mapa sajta(sitemap)

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
    <url>
        <loc>https://carwashnc.netlify.app/</loc>
        <lastmod>2021-12-12</lastmod>
        <changefreq>weekly</changefreq>
        <priority>1.0</priority>
    </url>
</urlset>
```

2.3 Organizacija sajta i funkcionalnosti na tim djelovima

2.3.1 Top bar

Auto Wash

Opening Hour
Mon - Fri, 8:00 - 9:00

Call us
+012 345 6789

Email Us
cwash@gmail.com

Top bar, nalazi se iznad navigacije i dinamički je učitan

2.3.2 Navigacija

Glavni meni se dinamički učitava i namijenjen je uređajima veće rezolucija. Skrolovanjem na dolje navigacija ostaje fiksna i ne mijenja boju. Takođe se prilikom skrolovanja mijenja boja aktivnog linka u zavisnosti od toga na kojoj se sekciji nalazi korisnik.

Za uređaje rezolucije manje od 900px se umjesto glavnog menija učitava hamburger meni. Kao i glavni meni i on ostaje fiksan i ne mijenja boju. Boja aktivnog linka će se takođe mijenjati u zavisnosti od sekcije na kojoj se korisnik nalazi.

2.3.3 Slajder
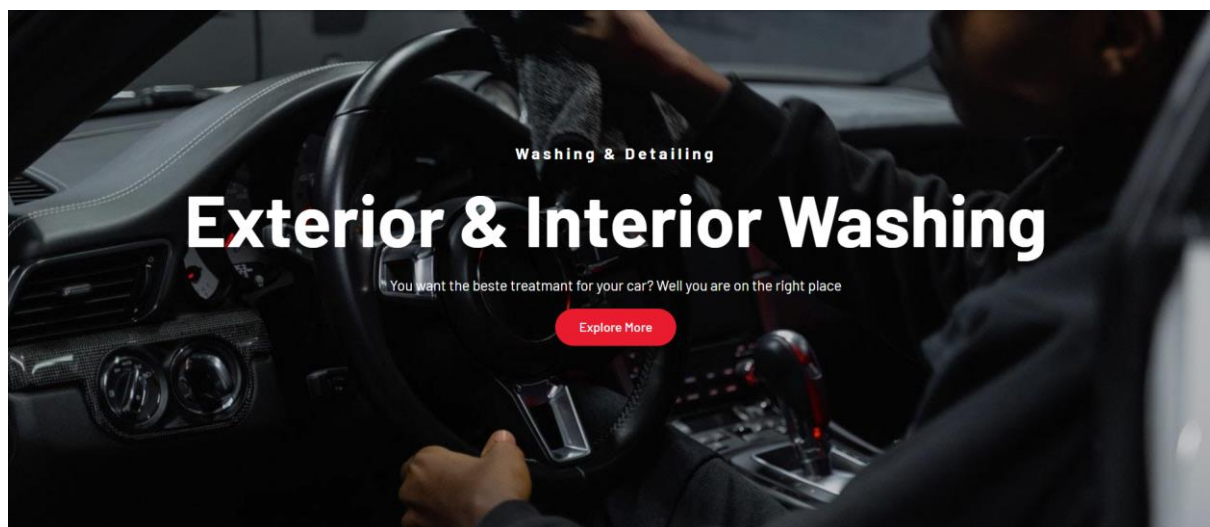
Interaktivni slajder automatski mijenja slike na 3 sekunde. Klik na dugme Explore More korisnika fluidnom animacijom odvodi na sekciju Services.

2.3.4 About
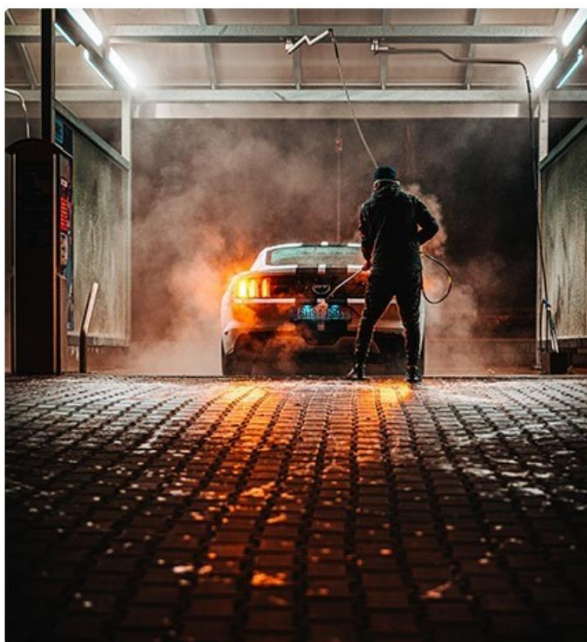
ABOUT US

Car Washing And Detailing

Car Wash has been establishd in 1993. It was one of the first car wash services in Europe in that time. For years we've been setting standars all over car wash in the world. So dont't wait became memeber of our family, you won't regret it.

- ⊘ Seats washing
- ⊘ Vacuum cleaning
- ⊘ Interior wet cleaning
- ⊘ Window wiping

Check it out

Jedina funkcionalnost sekcije About je da se prilikom skrolovanja na nju cijela sekcija prikazuje uz laganu animaciju. Klik na dugme Check it out korisnika odvodi na sekciju Price.

2.3.5 Services

Premium Washing Services

Exterior Washing

Give your car shine. Your car can look as day it came from factory. With us everything is possible.

Interior Washing

Interior is one of the most parts of your car. So we are here to keep it clean for you.

Vacuum Cleaning

Our vacuum cleaner is clen the every part of dust in your car. Don't trust? Well come to us to see :)

Seats Washing

We are washing all type of seats. For canvas we have deep cleaning, and fine cleaning for leather.

Window Wiping

Do you like to look outside? Well if you like you want the cleanest windows, dont't worry we got you.

Wet cleaning

Every washed car has tiny imprefections, more or less visible. But we'll fix that with wet cleaning.

Oil Changing

We offer you oil changing as part of our program. We will take care for oil changing in your car.

Brake Repairing

Definitely the most important part of any car. If you want to stop safely you have to maintain then propertly.

Funkcija Services dinamički je učitana i sim lagane animacije skrolovanjem na nju ni sekcija Services nema nikakvu funkciolnalnost.

2.3.6 Facts

25+	350+	1500+	5000+
Service Points	Engineers & Workers	Happy Clients	Projects Completed

Sekcija Facts je dinamički ispisana, skrolovanjem na nju započinje odbrojavanje brojeva počev od 0.

2.3.7 Price

Choose Your Plan

BASIC CLEANING

$**25**.99

- ⊘ Exterior Washing
- ⊘ Interior Washing
- ⊘ Vacuum Cleaning
- ⊗ Seats Washing
- ⊗ Window Wiping

Book Now

PREMIUM CLEANING

$**35**.99

- ⊘ Exterior Washing
- ⊘ Interior Washing
- ⊘ Vacuum Cleaning
- ⊘ Seats Washing
- ⊗ Window Wiping

Book Now

COMPLEX CLEANING

$**49**.99

- ⊘ Exterior Washing
- ⊘ Interior Washing
- ⊘ Vacuum Cleaning
- ⊘ Seats Washing
- ⊘ Window Wiping

Book Now

Sekcija Price dinamički je učitana, i prilokom skrolovanja na nju pojavljuje sse uz laganu navigaciju.

2.3.8 Team

Our Engineers & Workers

Donald John Engineer	**Adam Philips** Mechanics	**Thomas Olsen** Worker	**James Alien** Electrician
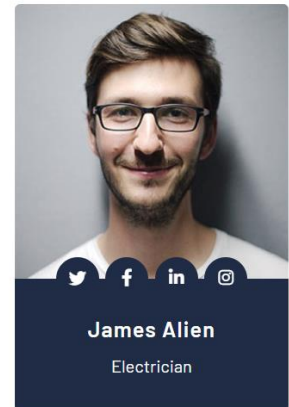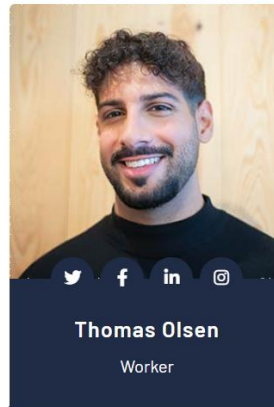
Sekcija Teams dinamički je učitana, pojavljuje se uz laganu animaciju. Prelaskom miša na neku od slika, sama slika se lagano uvećeva uz animaciju.

2.3.9 Contact

WASHING POINTS

Car Washing & Care Points

Wienna, Austria
Wollzeile 29, 1010 Wien
Call: +043 687 244

Berlin, Germany
Friedrichstraße 88, 10117 Berlin
Call: +049 821 637

Nice, France
1 Rue Cluvier, 06000 Nice
Call: +033 199 871

Geneve, Switzerland
Pl. de Montbrillant 4, 1201 Genève
Call: +041 981 287

Sekcija Locations je dinamički učitana i nema nikakvu funkcionalnost.

[Your Name]

Please enter your name eg. John Doe

[Your Email]

Please enter zour email ex. email@gmail.com

[Phone]

Enter phone in format +1(xxx) xxx xxxx

[Message

]

You have to write message correctly

Send Message

Forma se trenutno provjerava klikom na polje kao i klikom na dugme Send Message. Ukoliko korisnik unese praznu formu ispod svakog polja za na unos će mu se prikazati poruka koja sadrži uputstvo kako pravilno popuniti formu. Bordure polje za unos će biti obojene u crveno. Ukoliko korisnik pravilno unese određeno polje, bordure tog polje postaće zelene.

[John]

[johngmail.com]

Please enter zour email ex. email@gmail.com

[+1 111 555 4444]

[ds

]

You have to write message correctly

Send Message

Ukoliko se forma ne unese pravilno korisniku će takođe izaći poruke sa uputstvima kako je pravilno popuniti. Ispod polja koja su pravilno popunjena neće iskočiti nikakve poruke.

Your message has been sent, we will answerasap:)

Ukoliko je forma pravilno popunjena pojaviće se obavještenje da je poruka uspješno poslata, a sama forma će se resetovati.

2.3.10 Autor

A LITTLE BIT ABOUT

AUTHOR

Nemanja Ćinćur

ICT college

Web designer

I hope you like my website

Sekcija o autori dinamički je učitana i pojavljuje se uz laganu animaciju.

I am Nemanja Ćinćur, this is my fourth website. I am interested in tehnology and computers. I am trying to be better with every new website and I hope I will.

Klikom na dugme Show more prikazaće se dodatni tekst o autoru, samo dugme će mijenjati ime u zavisnosti od toga da je sadržaj sakriven ili prikazan.

2.3.11 Footer

Footer sekcija je dinamički učitana i ovdje ne postoji nikakva posebna funkcionalnost.

3. Kodovi

3.1 HTML

3.1.1 index.html

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="utf-8">
        <title>Auto - Car Wash</title>
        <meta content="width=device-width, initial-scale=1.0" name="viewport">
        <meta content="Free Website Template" name="keywords">
        <meta content="Free Website Template" name="description">

        <!-- Favicon -->
        <link href="img/favicon.ico" rel="icon">

        <!-- Google Font -->
        <link href="https://fonts.googleapis.com/css2?family=Barlow:wght@400;500;600;700;800;900&display=swap" rel="stylesheet">

        <!-- CSS Libraries -->
        <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" rel="stylesheet">
        <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css" rel="stylesheet">
        <link href="lib/flaticon/font/flaticon.css" rel="stylesheet">
        <link href="lib/animate/animate.min.css" rel="stylesheet">
        <link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">
        <!-- <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.4/css/all.css" integrity="sha384-DyZ88mC6Up2uqS4h/
KRgHuoeGwBcD4Ng9SiP4dIRy0EXTlnuz47vAwmeGwVChigm" crossorigin="anonymous"> -->

        <!-- Template Stylesheet -->
        <link href="css/style.css" rel="stylesheet">
        <link rel="stylesheet" href="https://unpkg.com/aos@next/dist/aos.css" />
        <link href="css/style2.css" rel="stylesheet" type="text/css" />
    </head>
```

```html
<body>
    <header>
        <!-- Top Bar Start -->
        <div id="top" class="top-bar">
            <div class="container">
                <div class="row align-items-center">
                    <div class="col-lg-4 col-md-12">
                        <div class="logo">
                            <a href="index.html">
                                <h1>Auto<span>Wash</span></h1>
                            </a>
                        </div>
                    </div>
                    <div class="col-lg-8 col-md-7 d-none d-lg-block take">
                    </div>
                </div>
            </div>
        </div>
        <!-- Top Bar End -->

        <!-- Nav Bar Start -->
        <div class="nav-bar bg-blue">
            <div class="container">
                <nav class="navbar navbar-expand-lg navbar-dark">
                    <a href="#" class="navbar-brand">MENU</a>
                    <button type="button" class="navbar-toggler" data-toggle="collapse" data-target="#navbarCollapse">
                        <span class="navbar-toggler-icon"></span>
                    </button>
                </nav>
            </div>
        </div>
```

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```html
    <section id="slider" class="d-flex align-items-center justify-content-center">
        <div class="text-center over">
            <h2 class="text-white font-weight-bold font-upper">Washing & Detailing</h3>
            <h3 class="text-white font-weight-bold my-3 font-md-20">Exterior & Interior Washing</h1>
            <p class="text-white">
                You want the beste treatmant for your car? Well you are on the right place
            </p>
            <a class="btn btn-custom" href="#service-id">Explore More</a>
        </div>
            <img src="img/carousel-1.jpg" alt="carousel-1" />
            <img src="img/carousel-2.jpg" alt="carousel-2" />
            <img src="img/carousel-3.jpg" alt="carousel-3" />
            <img src="img/carousel-4.jpg" alt="carousel-4" />
    </section>

</header>

<!-- About Start -->
<section id="about-id" class="about fade-in">
    <div class="container">
        <div class="row align-items-center">
            <div class="col-lg-6">
                <div class="about-img">
                    <img src="img/about.jpg" alt="Image">
                </div>
            </div>
            <div class="col-lg-6">
                <div class="section-header text-left">
                    <p>About Us</p>
                    <h2>car washing and detailing</h2>
                </div>
                <div class="about-content">
```

```html
                <div class="about-content">
                    <p>
                        Car Wash has been establishd in 1993. It was one of the first car wash services in Europe in that time. For years we've been setting
                        standars all over car wash in the world. So dont't wait became memeber of our family, you won't regret it.
                    </p>
                    <ul>
                        <li><i class="far fa-check-circle"></i>Seats washing</li>
                        <li><i class="far fa-check-circle"></i>Vacuum cleaning</li>
                        <li><i class="far fa-check-circle"></i>Interior wet cleaning</li>
                        <li><i class="far fa-check-circle"></i>Window wiping</li>
                    </ul>
                    <a class="btn btn-custom" href="#price-id">Check it out</a>
                </div>
            </div>
        </div>
    </div>
</section>
<!-- About End -->


<!-- Service Start -->
<section id="service-id" class="service fade-in">
    <div class="container">
        <div class="section-header text-center">
            <p>What We Do?</p>
            <h2>Premium Washing Services</h2>
        </div>
        <div class="row" id="article-services">
        </div>
    </div>
</section>
```

```html
<section id="facts-id" class="facts">
    <div class="container">
        <div class="row" id="facts-article">
        </div>
    </div>
</section>
<!-- Facts End -->


<!-- Price Start -->
<section id="price-id" class="price fade-in">
    <div class="container">
        <div class="section-header text-center">
            <p>Washing Plan</p>
            <h2>Choose Your Plan</h2>
        </div>
        <div class="row" id="price-article">
        </div>
    </div>
</section>
<!-- Price End -->


<!-- Location Start -->
<section id="location-id" class="location fade-in">
    <div class="container">
        <div class="row">
            <div class="col-lg-7">
                <div class="section-header text-left">
                    <p>Washing Points</p>
                    <h2>Car Washing & Care Points</h2>
```

```html
                    <div class="section-header text-center">
                        <p>Washing Points</p>
                        <h2>Car Washing & Care Points</h2>
                    </div>
                    <div class="row" id="location-article">
                    </div>
                </div>
            </div>
        </section>
        <!-- Location End -->


        <!-- Team Start -->
        <section id="team-id" class="team fade-in">
            <div class="container">
                <div class="section-header text-center">
                    <p>Meet Our Team</p>
                    <h2>Our Engineers & Workers</h2>
                </div>
                <div class="row" id="team-article">
                </div>
            </div>
        </section>
        <!-- Team End -->

        <section id="contact-id" class="contact fade-in">
            <div class="container">
                <div class="section-header text-center">
                    <p>Get In Touch</p>
                    <h2>Contact for any query</h2>
                </div>
                <div class="row">
                    <div class="col-md-4 contact-info" id="contact-article">
                    </div>
                    <div class="col-md-7">
                            <form name="sentMessage" id="contactForm">
```

```html
                        <form name="sentMessage" id="contactForm">
                            <div id="take-input"></div>

                            <textarea class="form-control mt-3" id="text" placeholder="Message"></textarea>
                            <input type="button" class="btn btn-custom my-3" value="Send Message" id="btnSend" />
                            </div>
                        </form>
                    </div>
                    <div class="col-md-12">
                        <iframe src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3001156.4288297426!2d-78.01371936852176!3d42.
                        72876761954724!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.
                        1!3m3!1m2!1s0x4ccc4bf0f123a5a9%3A0xddcfc6c1de189567!2sNew%20York%2C%20USA!5e0!3m2!1sen!2sbd!4v1600663868074!5m2!1sen!2sbd" frameborder="0"
                        style="border:0;" allowfullscreen="" aria-hidden="false" tabindex="0"></iframe>
                    </div>
                </div>
            </div>
        </section>

        <section id="author" class="fade-in">
            <div class="container">
                <div class="row py-3">
                    <div class="col-12 col-md-6 text-center">
                        <div class="section-header text-center">
                            <p>A little bit about</p>
                            <h2>AUTHOR</h2>
                        </div>
                        <!-- <p>Nemanja Ćinćur</p>
                        <p>ICT college</p>
                        <p>Web developer</p>
                        <p>I hope you like my website</p> -->
                        <div id="din"></div>
                        <input type="button" value="Show more" id="toggleButton" class="btn btn-custom mb-2" />
                        <p id="autor-more" class="text-justify">I am Nemanja Ćinćur, this is my fourth website. I am interested in tehnology and computers. I am trying
                        to be better with every new website and I hope I will.</p>
                    </div>
                    <div class="col-12 col-md-6 d-flex justify-content-center">…
                    </div>
                </div>
        </div>
```
```html
                        </div>
                        <div class="col-12 col-md-6 d-flex justify-content-center">…
                        </div>
                    </div>
                </div>
            </section>


            <!-- Footer Start -->
            <footer class="footer fade-in">
                <div class="container">
                    <div class="row">
                        <div class="col-12 col-md-4 text-center text-md-left footer-contact">
                            <h2>Get In Touch</h2>
                            <p><i class="fa fa-map-marker-alt"></i>123 Street, New York, USA</p>
                            <p><i class="fa fa-phone-alt"></i>+012 345 67890</p>
                            <p><i class="fa fa-envelope"></i>info@example.com</p>
                            <div class="footer-social d-flex justify-content-center justify-content-md-start">
                            </div>
                        </div>
                        <div class="col-12 col-md-4 text-center text-md-left footer-link">
                            <h2>Useful Links</h2>
                            <a href="">Sitemap</a>
                            <a href="">Documentation</a>
                            <a href="">JS</a>
                        </div>
                        <div class="col-12 col-md-4">
                            <div class="footer-newsletter">
                                <h2 class="text-center text-md-left">Newsletter</h2>
                                <form>
                                    <input class="form-control" placeholder="Full Name">
                                    <input class="form-control" placeholder="Email">
                                    <button class="btn btn-custom">Submit</button>
                                </form>
                            </div>
                        </div>
                    </div>
                </div>
```

```html
        </div>
        <div class="container copyright">
            <p>&copy; <a href="#">Car Wash</a>, All Right Reserved. Designed By <a href="https://htmlcodex.com">Nemanja Ćinćur</a></p>
        </div>
    </footer>
    <!-- Footer End -->


    <!-- Back to top button -->
    <!-- <a href="#" class="back-to-top"><i class="fa fa-chevron-up"></i></a> -->
    <a href="#" class="scrollToTop"><i class="fa fa-chevron-up text-red"></i></a>


    <!-- JavaScript Libraries -->
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.bundle.min.js"></script>
    <script src="lib/easing/easing.min.js"></script>
    <script src="lib/owlcarousel/owl.carousel.min.js"></script>
    <script src="lib/waypoints/waypoints.min.js"></script>
    <script src="lib/counterup/counterup.min.js"></script>


    <!-- Contact Javascript File -->
    <script src="mail/jqBootstrapValidation.min.js"></script>
    <script src="mail/contact.js"></script>


    <!-- Template Javascript -->
    <script src="https://unpkg.com/aos@next/dist/aos.js"></script>
    <script src="js/main.js"></script>
    <script src="js/main2.js" type="text/javascript"></script>
  </body>
</html>
```

3.2 CSS

```css
html {
  scroll-behavior: smooth;
}

.bg-blue {
  background-color: #202C45 !important;
}

.bg-red {
  background-color: #E81C2E !important;
}

.text-vlue {
  color: #202C45 !important;
}

.text-red {
  color: #E81C2E !important;
}

.nc-icon {
  width: 42px;
  height: 42px;
  background-color: rgba(255, 255, 255, 0.2);
}

.fade-in {
  opacity: 0;
  -webkit-transform: translateY(20vh);
          transform: translateY(20vh);
  visibility: hidden;
  -webkit-transition: opacity 0.6s ease-out, -webkit-transform 1.2s ease-out;
  transition: opacity 0.6s ease-out, -webkit-transform 1.2s ease-out;
  transition: opacity 0.6s ease-out, transform 1.2s ease-out;
  transition: opacity 0.6s ease-out, transform 1.2s ease-out, -webkit-transform 1.2s ease-out;
  will-change: opacity, visibility;
}
```

```css
.fade-in.is-visible {
  opacity: 1;
  -webkit-transform: none;
          transform: none;
  visibility: visible;
}

.view-element {
  opacity: 1;
  -webkit-transform: translateY(0px) rotate(0deg) translateZ(0);
          transform: translateY(0px) rotate(0deg) translateZ(0);
}

#slider {
  overflow: hidden;
  height: 106vh;
  position: relative;
}

#slider img {
  position: absolute;
  width: 100%;
  height: 100%;
  -o-object-fit: cover;
     object-fit: cover;
}

#slider .over {
  position: absolute;
  z-index: 5;
}

#slider h2 {
  font-size: 20px;
  letter-spacing: 4px;
}
```

```css
#slider h2 {
  font-size: 20px;
  letter-spacing: 4px;
}

#slider h3 {
  font-size: 90px;
}

#slider p {
  font-size: 18px;
}

.scrollToTop {
  height: 45px;
  width: 45px;
  text-align: center;
  color: #E81C2E;
  position: fixed;
  bottom: 40px;
  right: 40px;
}

.scrollToTop i {
  font-size: 25px;
}

@media screen and (max-width: 1250px) {
  #slider h3 {
    font-size: 45px;
  }
}

@media screen and (max-width: 768px) {
  #slider {
    height: 58vh;
  }
}
```

```css
@media screen and (max-width: 768px) {
  #slider h3 {
    font-size: 30px;
  }
  #slider a {
    font-size: 14px;
  }
}

@media screen and (max-width: 576px) {
  #slider h2 {
    font-size: 16px;
  }
  #slider h3 {
    font-size: 25px;
  }
  #slider p {
    font-size: 14px;
  }
  #slider a {
    padding: 7px 25px 9px 25px;
    font-size: 10px;
  }
  .scrollToTop {
    height: 30px;
    width: 30px;
    bottom: 15px;
    right: 15px;
  }
  .scrollToTop i {
    font-size: 15px;
  }
}
/*# sourceMappingURL=style2.css.map */
```

3.3 JavaScript

```javascript
$(document).ready(function(){
    $('#autor-more').hide();
    rotatePics(1);

});
function setAttributes(element, atributes) {
    for(var key in atributes) {
        element.setAttribute(key, atributes[key]);
    }
}
$(window).scroll(function(){
    if ($(this).scrollTop() > 100) {
        $('.scrollToTop').fadeIn();
    } else {
        $('.scrollToTop').fadeOut();
    }
});

$('.scrollToTop').click(function(){
    $('html, body').animate({scrollTop : 0},800);
    return false;
});

let upper = [["far fa-clock", "Opening Hour", "Mon - Fri, 8:00 - 9:00"], ["fa fa-phone-alt", "Call us", "+012 345 6789"], ["far fa-envelope", "Email Us", "cwash&#64;
gmail.com"]];
let row = "<div class='row'>"
for(i in upper){
    row += `
    <div class="col-4">
        <div class="top-bar-item">
            <div class="top-bar-icon">
                <i class="${upper[i][0]}"></i>
            </div>
            <div class="top-bar-text">
                <h3>${upper[i][1]}</h3>
                <p>${upper[i][2]}</p>
```

```javascript
            </div>
            <div class="top-bar-text">
                <h3>${upper[i][1]}</h3>
                <p>${upper[i][2]}</p>
            </div>
        </div>
    </div>
    `
}
row += "</div>";
document.querySelector(".take").innerHTML = row;


//nav meni
let menu = [["Home", "#top"], ["About", "#about-id"], ["Service", "#service-id"], ["Facts", "#facts-id"], ["Price", "#price-id"], ["Location", "#location-id"], ["Team",
"#team-id"], ["Contact", "#contact-id"], ["Author", "#author"]];

let navbar = document.createElement("div");
navbar.setAttribute("class", "navbar-nav m-auto");
let navResponsive = document.createElement("div");
setAttributes(navResponsive, {"class": "collapse navbar-collapse justify-content-between", "id": "navbarCollapse"});
for(i in menu){
    let a = document.createElement("a");
    setAttributes(a, {"href": menu[i][1], "class": "nav-item nav-link"});
    if(i == 0) a.classList.add("active");
    a.appendChild(document.createTextNode(menu[i][0]));
    navbar.appendChild(a);
}
navResponsive.appendChild(navbar);
document.querySelector("nav").appendChild(navResponsive);
//nav fixed
$(window).scroll(function () {
    if ($(this).scrollTop() > 90) {
        $(".nav-bar").addClass("nav-sticky");
        $(".carousel, .page-header").css("margin-top", "73px");
    }
    else {
        $('.nav-bar').removeClass('nav-sticky');
```

```javascript
        $(".nav-bar").addClass("nav-sticky");
        $(".carousel, .page-header").css("margin-top", "73px");
    }
    else {
        $('.nav-bar').removeClass('nav-sticky');
        $('.carousel, .page-header').css("margin-top", "0");
    }
});

$(document).ready(function () {
    $(document).scroll(onScroll)//on("scroll", onScroll);

    //smoothscroll
    $('.navbar-nav a').on('click', function (e) {
        e.preventDefault();
        $(document).off("scroll");

        $('a').each(function () {
            $(this).removeClass('active');
        })
        $(this).addClass('active');

        var target = this.hash,
            menu = target;
        $target = $(target);
        $('html, body').stop().animate({
            'scrollTop': $target.offset().top+2
        }, 500, 'swing', function () {
            window.location.hash = target;
            $(document).on("scroll", onScroll);
        });
    });
});

function onScroll(event){
    var scrollPos = $(document).scrollTop();
    $('.navbar-nav a').each(function () {
        var currLink = $(this);
```

```javascript
        var refElement = $(currLink.attr("href"));
        if (refElement.position().top <= scrollPos && refElement.position().top + refElement.height() > scrollPos) {
            $('.navbar-nav a').removeClass("active");
            currLink.addClass("active");
        }
        else{
            currLink.removeClass("active");
        }
    });
}

//slider

function createImg(srcValue, altValue){
    //setAttributes(img, {"src": srcValue, "alt": altValue, "class": "position-absolute"});
    image.setAttribute("src", srcValue);
    image.setAttribute("alt", altValue);
    image.setAttribute("class", "position-absolute")
}
for(let i = 1; i < 5; i++){
    var image = document.createElement("img");
    createImg(`img/carousel-${i}.jpg`, `Carousel-${i}`);
    document.querySelector("#slider").appendChild(image);
}

function rotatePics(currentPhoto) {
    var numberOfPhotos = $('#slider img').length;
    currentPhoto = currentPhoto % numberOfPhotos;

    $('#slider img').eq(currentPhoto).fadeOut(function() {
        // re-order the z-index
        $('#slider img').each(function(i) {
            $(this).css(
                'zIndex', ((numberOfPhotos - i) + currentPhoto) % numberOfPhotos
            );
        });
```

```javascript
        $(this).show();
        setTimeout(function() {rotatePics(++currentPhoto);}, 3000);
    });
}

//services
let services = [
    ["flaticon-car-wash-1", "Exterior Washing", "Give your car shine. Your car can look as day it came from factory. With us everything is possible."],
    ["flaticon-car-wash", "Interior Washing", "Interior is one of the most parts of your car. So we are here to keep it clean for you."],
    ["flaticon-vacuum-cleaner", "Vacuum Cleaning", "Our vacuum cleaner is clen the every part of dust in your car. Don't trust? Well come to us to see :)"],
    ["flaticon-seat", "Seats Washing", "We are washing all type of seats. For canvas we have deep cleaning, and fine cleaning for leather."],
    ["flaticon-car-service", "Window Wiping", "Do you like to look outside? Well if you like you want the cleanest windows, don't worry we got you."],
    ["flaticon-car-service", "Wet cleaning", "Every washed car has tiny imprefections, more or less visible. But we'll fix that with wet cleaning."],
    ["flaticon-car-wash", "Oil Changing", "We offer you oil changing as part of our program. We will take care for oil changing in your car."],
    ["flaticon-brush-1", "Brake Repairing", "Definitely the most important part of any car. If you want to stop safely you have to maintain then propertly."]
];

var rowServices = "";
for(i in services){
    rowServices +=`<article class="col-lg-3 col-md-6">
        <div class="service-item">
            <i class="${services[i][0]}"></i>
            <h3>${services[i][1]}</h3>
            <p>${services[i][2]}</p>
        </div>
    </article>`
}
document.querySelector("#article-services").innerHTML = rowServices;

//facts

let facts = [
    ["fa fa-map-marker-alt", "25", "Service Points"],
    ["fa fa-user", "350", "Engineers & Workers"],
    ["fa fa-users", "1500", "Happy Clients"],
    ["fa fa-check", "5000", "Projects Completed"]
];
```

```javascript
var rowFacts = "";
for(i in facts){
    rowFacts += `<article class="col-lg-3 col-md-6">
                    <div class="facts-item">
                        <i class="${facts[i][0]}"></i>
                        <div class="facts-text">
                            <h3 class="my-count">${facts[i][1]}</h3>
                            <p>${facts[i][2]}</p>
                        </div>
                    </div>
                </article>`
}
document.querySelector("#facts-article").innerHTML = rowFacts;
$('.my-count').counterUp({
    delay: 10,
    time: 2000
});

//price
let inherited = [];
for(let i = 0; i < 5; i++){
    inherited[i] = services[i][1];
}
let price = new Array(["Basic", "Premium", "Complex"],
    [25, 35, 49],
    (inherited),
    ["far fa-check-circle", "far fa-times-circle"]);
console.log(price[2]);
var rowPrice = "";
var featured = "";
for(let i = 0; i < 3; i++){
    if(i == 1) featured = " featured-item";
    rowPrice += `
    <article class="col-md-4">
        <div class="price-item${featured}">
            <div class="price-header">
```

```
                    <h3>${price[0][i]} Cleaning</h3>
                    <h2><span>$</span><strong>${price[1][i]}</strong><span>.99</span></h2>
                </div>
                <div class="price-body">
                    <ul>`
        featured="";
        for(let j = 0; j < 5; j++){
            var liIndex = 0;
            if((i == 0 && j >= 3) || (i == 1 && j == 4)) liIndex = 1;
            rowPrice+=`
                        <li><i class="${price[3][liIndex]}"></i>${price[2][j]}</li>`
        }
        liIndex = 0;
        rowPrice+=`
                    </ul>
                </div>
                <div class="price-footer price-button">

                </div>
            </div>
        </article>
        `;
}
document.querySelector("#price-article").innerHTML = rowPrice;
for(let i = 0; i < 3; i++){
    var priceButton = document.createElement("input");
    setAttributes(priceButton, {"type": "button", "class": "btn btn-custom", "value": "Book Now"});
    document.querySelectorAll(".price-button")[i].appendChild(priceButton);
}
//locations
let locations = new Array(
    ["Wienna, Austria", "Wollzeile 29, 1010 Wien", "+043 687 244"], ["Berlin, Germany", "Friedrichstraße 88, 10117 Berlin", "+049 821 637"],
    ["Nice, France", "1 Rue Cluvier, 06000 Nice", "+033 199 871"],
    ["Geneve, Switzerland", "Pl. de Montbrillant 4, 1201 Genève", "+041 981 287"]
);
let rowLocation = "";
for(i in locations){
```

```javascript
    rowLocation += `
    <article class="col-md-6">
        <div class="location-item">
            <i class="fa fa-map-marker-alt"></i>
            <div class="location-text">
                <h3>${locations[i][0]}</h3>
                <p>${locations[i][1]}</p>
                <p><strong>Call:</strong>${locations[i][2]}</p>
            </div>
        </div>
    </article>`
}
document.querySelector("#location-article").innerHTML = rowLocation;

//team
let team = new Array(
    ["Donald John", "Engineer"],
    ["Adam Philips", "Mechanics"],
    ["Thomas Olsen", "Worker"],
    ["James Alien", "Electrician"]
)
var iconsTeam = new Array(
    ["twitter", "https://twitter.com/"],
    ["facebook-f", "https://www.facebook.com/"],
    ["linkedin-in", "https://www.linkedin.com/"],
    ["instagram", "https://www.instagram.com/"]
    );

    let rowTeam="";
    for(let i = 0; i < team.length; i++){
        rowTeam+=`
        <div class="col-lg-3 col-md-6 team-item">
            <div class="team-img">
                <img src="img/team-${i+1}.jpg" alt="Team Image ${i+1}">
            </div>
            <div class="team-text">
```

```javascript
                    <h2>${team[i][0]}</h2>
                    <p>${team[i][1]}</p>
                    <div class="team-social">
                        <a href=""><i class="fab fa-twitter"></i></a>
                        <a href=""><i class="fab fa-facebook-f"></i></a>
                        <a href=""><i class="fab fa-linkedin-in"></i></a>
                        <a href=""><i class="fab fa-instagram"></i></a>
                    </div>
                </div>
            </div>`
    }

//contact
document.querySelector("#team-article").innerHTML=rowTeam;
var contactRow="";
for(i in upper){
    contactRow+=`
    <div class="contact-info-item">
        <div class="contact-info-icon">
            <i class="${upper[i][0]}"></i>
        </div>
        <div class="contact-info-text">
            <h3>${upper[i][1]}</h3>
            <p>${upper[i][2]}</p>
        </div>
    </div>`
}
document.querySelector("#contact-article").innerHTML=contactRow;
var regName = /^([A-ZŠĐŽČĆ][a-zšđžčć]{2,15}){1,5}(\s[A-ZŠĐŽČĆ][a-zšđžčć]{2,15}){1,5}$/;
var regEmail = /^[a-z][\w\-\.]+\@[a-z0-9]{2,15}(\.[a-z]{2,4})?\.[a-z]{2,4}$/;
var regPhone=/^\+[0-9]{2,3}\s?[0-9]{2,3}\s?[0-9]{3,4}\s?[0-9]{3,4}$/;
var regText=/^([\w\.\-\s]{10,150})+$/;
//footer
for(let j in iconsTeam){
    let a = document.createElement("a");
    setAttributes(a, {"href": `${iconsTeam[j][1]}`, "class": "btn"});
    let i = document.createElement("i");
```

```javascript
        let i = document.createElement("i");
        i.setAttribute("class", `fab fa-${iconsTeam[j][0]}`);
        a.appendChild(i);
        document.querySelector(".footer-social").appendChild(a);
}

$(window).scroll(function() {
    $('.fade-in').each(function() {
        var top_of_element = $(this).offset().top;
        var bottom_of_element = $(this).offset().top + $(this).outerHeight();
        var bottom_of_screen = $(window).scrollTop() + $(window).innerHeight();
        var top_of_screen = $(window).scrollTop();

        if ((bottom_of_screen > top_of_element) && (top_of_screen < bottom_of_element) && !$(this).hasClass('is-visible')) {
            $(this).addClass('is-visible');
        }
    });
});
//author
let author = new Array("Nemanja Ćinćur", "ICT college", "Web designer", "I hope you like my website");
var authorText="";
for(i in author){
    authorText+=`<p>${author[i]}</p>`
}
document.querySelector("#din").innerHTML=authorText;
$('#toggleButton').click(function(){
    $('#autor-more').toggle();

    if($('#autor-more').is(':visible')) {
        $(this).val('Show less');
    }
    else
    {
        $(this).val('Show more');
    }
});
let form = new Array(
```

```javascript
    ["text", "email", "tel"],
    ["name", "email", "phone"],
    ["Your name", "Your email", "Your phone"]
);
for(i in form){
    var input = document.createElement("input");
    setAttributes(input,{"type": `${form[0][i]}`, "id": `${form[1][i]}`, "placeholder": `${form[2][i]}`, "class": "form-control"});
    if(i >= 1) input.classList.add("mt-3");
    document.querySelector("#take-input").appendChild(input);
}
$('#btnSend').click(function(){
    formCheck(regName, $('#name').val(), "name");
    formCheck(regEmail, $('#email').val(), "email");
    formCheck(regPhone, $('#phone').val(), "phone");
    formCheck(regText, $('#text').val(), "text");
    if(($('#name').val().match(regName)) && ($('#email').val().match(regEmail)) && ($('#phone').val().match(regPhone)) && ($('#text').val().match(regText))){
        $('.form-control').each(function(){
            $(this).removeClass("border border-success");
        })
        $('#contactForm').trigger("reset");
        $('#text').after("<p class='help-block text-success' id='pass'>Your message has been sent, we will answerasap:)</p>");
    }
})
$('#name').blur(function(){
    formCheck(regName, $('#name').val(), "name");
});
$('#email').blur(function(){
    formCheck(regEmail, $('#email').val(), "email");
});
$('#phone').blur(function(){
    formCheck(regPhone, $('#phone').val(), "phone");
});
$('#text').blur(function(){
    formCheck(regText, $('#text').val(), "text");
});
```

```javascript
function formCheck(reg, val, id){
    if(val.match(reg)){
        $(`#${id}`).removeClass('border border-danger');
        $(`#message-${id}`).fadeOut();
        $(`#${id}`).addClass('border border-success');
    }
    else{
        $('#pass').hide();
        $(`#${id}`).addClass("border border-danger");
        if($(`#message-${id}`).is(":visible")) return;
        if(id == "name")
        {
            $(`#${id}`).after(`<p class='help-block text-danger' id='message-${id}'>Please enter your name eg. John Doe</p>`);
        }
        else if(id == "email") $(`#${id}`).after(`<p class='help-block text-danger' id='message-${id}'>Please enter your email eg. email@gmail.com</p>`);
        else if(id == "phone") $(`#${id}`).after(`<p class='help-block text-danger' id='message-${id}'>Please enter your phone in format +(xxx) xxx xxx`);
        else if(id == "text") $(`#${id}`).after(`<p class='help-block text-danger' id='message-${id}'>You have to write message correctly`);
    }
}
```

```javascript
function formCheck(reg, val, id){
    if(val.match(reg)){
        $(`#${id}`).removeClass('border border-danger');
        $(`#message-${id}`).fadeOut();
        $(`#${id}`).addClass('border border-success');
    }
    else{
        $('#pass').hide();
        $(`#${id}`).addClass("border border-danger");
        if($(`#message-${id}`).is(":visible")) return;
```