Visoka škola strukovnih studija za informacione i komunikacione tehnologije

Dokumentacija(https://narandza.github.io/web-programiranje-1/)

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Broj indeksa: 35/19
Smer: Internet tehnologije
Predmet: Web programiranje 1

1.Uvod

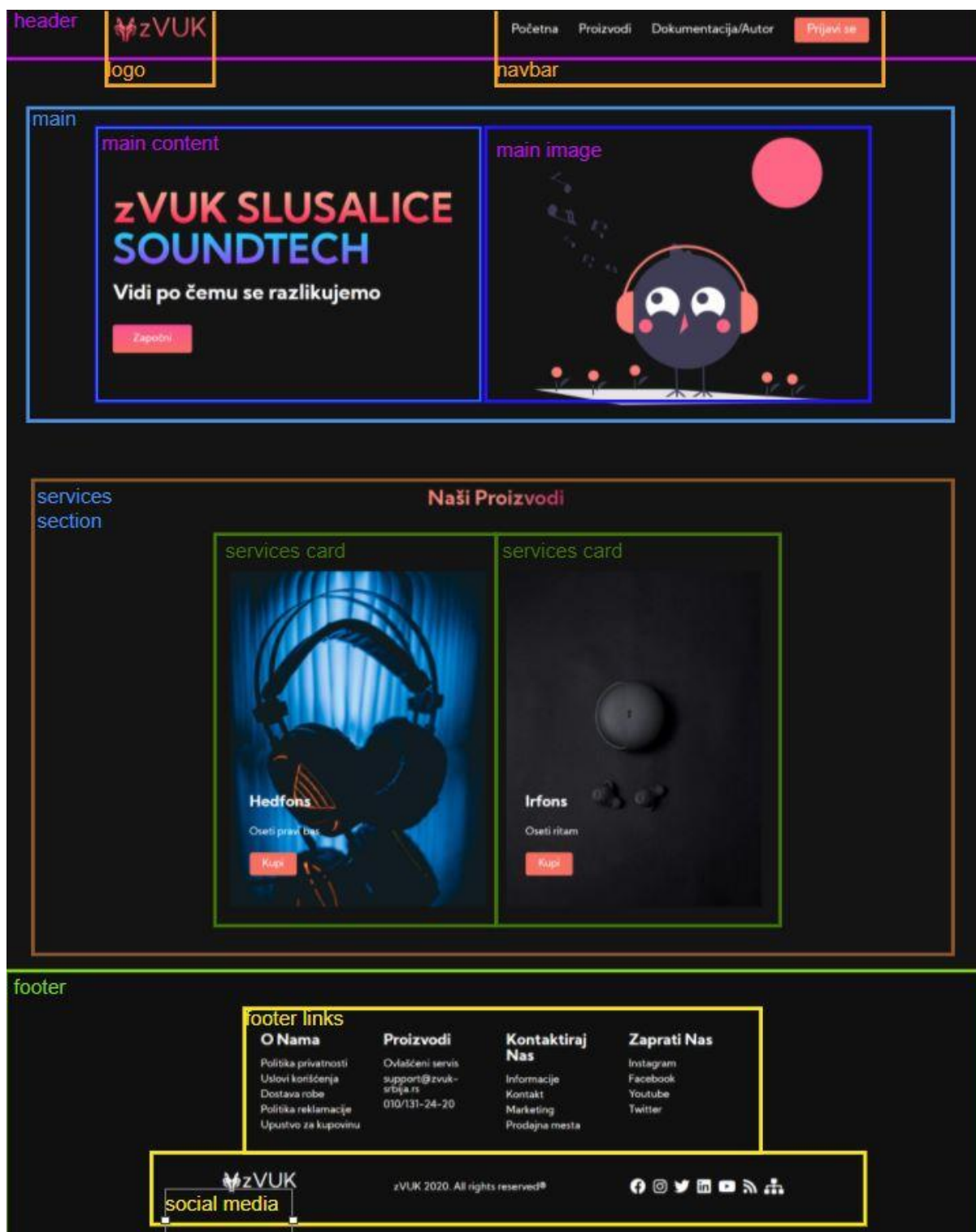## 1.1 Korišćeni programski jezici

Za izradu sajta su korišćeni sledeći programski i markup jezici: HTML, CSS , JavaScript, jQuery, XML.

1.2 Opis funkcionalnosti

Sajt ima sledeće funkcionalnosti:

- **Drop down menu :** odrađen pomoću Javascript-a i animiran pomoću jQuery-a i nalazi se u navigacionom bar-u
- **Slider :** odrađen pomoću JavaScript-a promenom "src" vrednosti glavne slike na indeks stranici svake pete sekunde počev od prvog učitavanja stranice
- **Scroll animacija :** odrađena pomoću jQuery-a klikom na link "Proizvodi" automatski spušta na sekciju na toj strani namenjana proizvodima
- **Zebra :** odrađena pomoću jQuery-a na autor stranici gde je svaki neparni element tabele tamnije boje radi jasnijeg čitanja
- **Forma za registraciju :** Klikom na "Nemate nalog? Napravite novi nalog" na login stranici menja HTML prikaz forme sa textbox-ovima za unos podataka pomoću JavaScript-a . Nad svakim od textbox-ova je odrađena RegEx validacija koja proverava unos od strane korisnika i ispisuje grešku ako je pogrešno unet tekst u određenom polju.
- **CSS efekat:** Klikom na "burger" u responsive modu pretvara se u "X"
- **Youtube pop-up:** jQuery plugin koji se aktivira klikom na "započni" dugme na indeks stranici
- **RSS i Sitemap**

1.3 Template

1.3.1 index.html

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>zVUK</title>
    <link rel="stylesheet" href="css/style.css">
    <link rel="stylesheet"
href="https://use.fontawesome.com/releases/v5.15.1/css/all.css"
        integrity="sha384-
vp86vTRFVJgpjF9jiIGPEEqYqlDwgyBgEF109VFjmqGmIY/Y4HV4d3Gp
2irVfcrp" crossorigin="anonymous">
    <link rel="preconnect" href="https://fonts.gstatic.com">
    <link
href="https://fonts.googleapis.com/css2?family=Kumbh+Sans:wght@40
0;700&display=swap" rel="stylesheet">
    <link rel="shortcut icon" href="img/favicon.ico" />
    <script src="https://code.jquery.com/jquery-3.5.1.min.js"
        integrity="sha256-
9/aliU8dGd2tb6OSsuzixeV4y/faTqgFtohetphbbj0="
crossorigin="anonymous"></script>
    <link rel="stylesheet" href="css/modal-video.min.css">
</head>

<body>
    <!-- Nav bar seciton -->
    <nav class="navbar">
        <div class="navbar_container">
            <a href="index.html" id="navbar_logo"><i class="fab fa-wolf-
pack-battalion"></i></i></i>zVUK
            </a>
            <div class="navbar_toggle" id="mobile-menu">
```

```html
            <span class="bar"></span>
            <span class="bar"></span>
            <span class="bar"></span>
        </div>
        <ul class="navbar_menu">
            <li class="navbar_item">
                <a href="index.html" class="navbar_links">Početna</a>
            </li>
            <li class="navbar_item">
                <a id="navProizvodi" class="navbar_links">Proizvodi</a>
            </li>
            <li class="navbar_item dropDownMenu">
                <a href="#" class="navbar_links">Dokumentacija/Autor</a>
            </li>
            <li class="navbar_btn">
                <a href="prijava.html" class="button">Prijavi se</a>
            </li>
        </ul>
    </div>
</nav>
<!--Hero section -->
<div class="main">
    <div class="main_container">
        <div class="main_content">
            <h1>zVUK SLUŠALICE</h1>
            <h2>SOUNDTECH</h2>
            <p>Vidi po čemu se razlikujemo</p>
            <button class="main_btn js-video-button" data-video-
id=xFe_ZYtfsZg'><a href="/">Započni</a></button>
        </div>
        <div class="main_img--container">
            <img src="img/pic1.svg" alt="pic" id="main_img">
        </div>
    </div>
</div>
<!-- Services Section -->
<div id="proizvodi" class="services">
```

```html
<h1>Naši Proizvodi</h1>
<div class="services_container">
    <div class="services_card">
        <h2>Hedfons</h2>
        <p>Oseti pravi bas</p>
        <button>Kupi</button>
    </div>
    <div class="services_card">
        <h2>Irfons</h2>
        <p>Oseti ritam</p>
        <button>Kupi</button>
    </div>
</div>
</div>

<!--Footer-->
<div class="footer_container">
    <div class="footer_links">
        <div class="footer_link--wrapper">
            <div class="footer_link--items">
                <h2>O Nama</h2>
                <a href="/">Politika privatnosti</a>
                <a href="/">Uslovi korišćenja</a>
                <a href="/">Dostava robe</a>
                <a href="/">Politika reklamacije</a>
                <a href="/">Upustvo za kupovinu</a>
            </div>
            <div class="footer_link--items">
                <h2>Proizvodi</h2>
                <a href="/">Ovlašćeni servis</a>
                <a href="/">support@zvuk-srbija.rs</a>
                <a href="/">010/131-24-20</a>
            </div>
        </div>
        <div class="footer_link--wrapper">
            <div class="footer_link--items">
                <h2>Kontaktiraj Nas</h2>
```

```html
            <a href="/">Informacije</a>
            <a href="/">Kontakt</a>
            <a href="/">Marketing</a>
            <a href="/">Prodajna mesta</a>
         </div>
         <div class="footer_link--items">
            <h2>Zaprati Nas</h2>
            <a href="/">Instagram</a>
            <a href="/">Facebook</a>
            <a href="/">Youtube</a>
            <a href="/">Twitter</a>
         </div>
      </div>
   </div>
   <div class="social_media">
      <div class="social_media--wrap">
         <div class="social_logo">
            <a href="" id="footer_logo"><i class="fab fa-wolf-pack-
battalion"></i></i></i>zVUK</a>
         </div>
         <p class="website_right">zVUK 2020. All rights
reserved&#174; </p>
         <div class="social_icons">
            <a href="/" class="social_icon--link" target="_blank">
               <i class="fab fa-facebook"></i>
            </a>
            <a href="/" class="social_icon--link" target="_blank">
               <i class="fab fa-instagram"></i>
            </a>
            <a href="/" class="social_icon--link" target="_blank">
               <i class="fab fa-twitter"></i>
            </a>
            <a href="/" class="social_icon--link" target="_blank">
               <i class="fab fa-linkedin"></i>
            </a>
            <a href="/" class="social_icon--link" target="_blank">
               <i class="fab fa-youtube"></i>
```

```html
          </a>
          <a href="rss.xml" class="social_icon--link" target="_blank">
            <i class="fas fa-rss"></i>
          </a>
          <a href="sitemap.xml" class="social_icon--link">
            <i class="fas fa-sitemap"></i>
          </a>
        </div>
      </div>
    </div>
  </div>
  <script src="js/main.js" type="text/javascript"></script>
  <script src="js/jQuery.js" type="text/javascript"></script>
  <script src="js/slider.js"></script>
  <script src="js/jquery-modal-video.min.js"
type="text/javascript"></script>

</body>

</html>
```

1.3.2 CSS

```css
*{
    box-sizing: border-box;
    margin: 0;
    padding: 0;
    font-family: 'Kumbh Sans', sans-serif;
}

ul{
    list-style: none;
}

.navbar{
    background: #131313;
    height: 80px;
    display:flex;
    justify-content: center;
    align-items: center;
    font-size:1.2rem;
    position:sticky;
    top:0;
    z-index: 999;
}

.navbar_container{
    display: flex;
    justify-content: space-between;
    height: 80px;
    z-index: 1;
    width: 100%;
    max-width: 1300px;
    margin: 0 auto;
    padding: 0 50px;
}

#navbar_logo{
```

```css
    background-color: #ff8177;
    background-image: linear-gradient(to top, #ff0844 0%, #ffb199 100%);
    background-size: 100%;
    -webkit-background-clip: text;
    -moz-background-clip: text;
    -webkit-text-fill-color:transparent;
    -moz-text-fill-color: transparent;
    display: flex;
    align-items: center;
    cursor: pointer;
    text-decoration: none;
    font-size: 2.5rem;
}

.fa-gem{
    margin-right:0.5rem;
}

.navbar_menu{
    display: flex;
    align-items: center;
    list-style-type: none;
    text-align: center;
}

.navbar_links{
    color: #fff;
    display: flex;
    align-items: center;
    justify-content: center;
    text-decoration: none;
    padding: 0 1rem;
    height: 100%;
}

.navbar_btn{
    display: flex;
```

```css
    justify-content: center;
    align-items: center;
    padding: 0 1rem;
    width:100%
}

.button{
    display:flex;
    justify-content: center;
    align-items: center;
    text-decoration: none;
    padding: 10px 20px;
    height: 100%;
    width: 100%;
    border: none;
    outline:none;
    border-radius:4px;
    background: #f77062;
    color:#fff;
}

.button:hover{
    background: #4837ff;
    transition: all 0.3s ease;
}

.navbar_links:hover{
    color: #f77062;
    transition: all 0.3 ease;
}

.ddm{
    display: flex;
    flex-direction: column;
    background-color: #131313;
    height: 16vh;
    position: absolute;
```

```css
        top:70%;
        padding:1rem;
        align-items: center;
        border-radius: 12px;
        border-bottom: 0.2px solid #ff8177;
}

.ddm li{
        padding:0.7rem;
        margin: 10px;
}
.ddm ul{
        display:none
}

@media screen and (max-width: 960px){
        .navbar_container {
            display: flex;
            justify-content: space-between;
            height: 80px;
            z-index:1;
            width:100%;
            max-width: 1300px;
            padding: 0;
        }

        .navbar_menu{
            display: grid;
            grid-template-columns: auto;
            margin: 0;
            width: 100%;
            position: absolute;
            top: -1000px;
            opacity:1;
            transition: all 0.5s ease;
            height: 50vh;
            z-index: -1;
```

```css
    background: #131313;
}

.navbar_menu.active{
    background: #131313;
    top:100%;
    opacity:  1;
    z-index: 99;
    height: 50vh;
    font-size: 1.6rem;
}

#navbar_logo{
    padding-left: 25px;
}

.navbar_toggle .bar{
    width: 25px;
    height: 3px;
    margin: 5px auto;
    transition: all 0.3s ease-in-out;
    background: #fff;
}

.navbar_item{
    width:100%;
}

.navbar_links{
    text-align:center;
    padding: 2rem;
    width: 100%;
    display: table;
}

.ddm{
    width:100%;
```

```css
        display: table;
        left:0%;
}

#mobile-menu{
        position: absolute;
        top:20%;
        right:5%;
        transform: translate(5%,20%);
}
.navbar_btn{
        padding-bottom: 2rem;
}

.button{
        display: flex;
        justify-content:center;
        align-items: center;
        width: 80%;
        height: 80px;
        margin: 0;
}

.navbar_toggle .bar {
        display: block;
        cursor: pointer;
}

#mobile-menu.is-active .bar:nth-child(2){
        opacity: 0;
}

#mobile-menu.is-active .bar:nth-child(1){
        transform: translateY(8px) rotate(45deg);
}

#mobile-menu.is-active .bar:nth-child(3){
```

```css
        transform: translateY(-8px) rotate(-45deg);
    }
}




/* Hero Section Css*/
.main{
    background-color: #141414;
}

.main_container{
    display: grid;
    grid-template-columns: 1fr 1fr;
    align-items: center;
    justify-self: center;
    margin: 0 auto;
    height: 90vh;
    background-color: #141414;
    z-index: 1;
    width: 100%;
    max-width: 1300px;
    padding: 0 50px;
}

.main_content h1{
    font-size: 4rem;
    background-color: #ff8177;
    background-image: linear-gradient(to top, #ff0844 0%, #ffb199 100%);
    background-size: 100%;
    -webkit-background-clip: text;
    -moz-background-clip: text;
    -webkit-text-fill-color: transparent;
    -moz-text-fill-color: transparent;
}
```

```css
.main_content h2{
    font-size: 4rem;
    background-color: #ff8177;
    background-image: linear-gradient(to top, #b721ff 0%, #21d4fd 100%);
    background-size: 100%;
    -webkit-background-clip: text;
    -moz-background-clip: text;
    -webkit-text-fill-color: transparent;
    -moz-text-fill-color: transparent;
}

.main_content p {
    margin-top: 1rem;
    font-size: 2rem;
    font-weight: 700;
    color:#fff;
}

.main_btn {
    font-size: 1rem;
    background-image: linear-gradient(to top, #f77062 0%, #fe5196 100%);
    padding: 14px 32px;
    border: none;
    border-radius: 4px;
    color: #fff;
    margin-top: 2rem;
    cursor: pointer;
    position: relative;
    transition: all 0.35s;
    outline:none;
}

.main_btn a{
    position: relative;
```

```css
    z-index: 2;
    color: #fff;
    text-decoration: none;
}

.main_btn:after{
    position: absolute;
    content: '';
    top: 0;
    left: 0;
    width: 0;
    height: 100%;
    background: #4837ff;
    transition: all 0.35s;
    border-radius: 4px;
}

.main_btn:hover {
    color: #fff;
}

.main_btn:hover:after{
    width: 100%;
}

.main_img--container{
    text-align: center;
}

#main_img{
    height: 80%;
    width: 80%;
}

/* Mobile Responsive*/
@media screen and  (max-width: 768px ){
```

```css
.main_container{
    display: grid;
    grid-template-columns: auto;
    align-items: center;
    justify-self: center;
    width:100%;
    margin: 0 auto;
    height: 90vh;
}

.main_content{
    text-align: center;
    margin-bottom: 4rem;
}

.main_content h1{
    font-size: 2.5rem;
    margin-top: 2rem;
}

.main_content h2{
    font-size: 3rem;
}

.main_content p{
    font-size: 1.5rem;
    margin-top: 1rem;
    }
}

@media screen and (max-width: 480px)
{
    .main_content h1{
        font-size: 2rem;
        margin-top: 3rem;
    }
```

```css
    .main_content h2{
        font-size: 2rem;
    }

    .main_content p{
        font-size: 2rem;
        margin-top: 1.5rem;
    }

    .main_btn{
        padding: 12px 36px;
        margin: 2.5rem 0;
    }
}


/* Services Section Css*/
.services {
    background: #141414;
    display: flex;
    flex-direction: column;
    align-items: center;
    height: 100vh;
}

.services h1{
    background-color: #ff8177;
    background-image: linear-gradient(to right, #ff8177 0%, #ff867a 0%,
#ff8c7f 21%, #f99185 52%, #cf556c 78%, #b12a5b 100% );
    background-size: 100%;
    margin-bottom: 5rem;
    font-size: 2.5 rem;
    -webkit-background-clip: text;
    -moz-background-clip: text;
    -webkit-text-fill-color: transparent;
    -moz-text-fill-color: transparent;
}
```

```css
.services_container{
    display: flex;
    justify-content: center;
    flex-wrap: wrap;
}

.services_card {
    margin: 1rem;
    height: 525px;
    width: 400px;
    border-radius: 4px;
    background-image: url('../img/pic3.jpg'),
     linear-gradient(
        to bottom,
         rgba(0,0,0,0) 0%,
         rgba(17,17,17,0.6) 100%) ;
    background-size: cover;
    position: relative;
    color:#fff;
}

.services_card:nth-child(2){
    background-image: url('../img/pic4.jpg'),
    linear-gradient(
        to bottom,
         rgba(0,0,0,0) 0%,
         rgba(17,17,17,0.6) 100%) ;
}

.services h2{
    position: absolute;
    top:350px;
    left:30px;
}

.services_card p{
```

```css
    position: absolute;
    top:400px;
    left:30px;
}

.services_card button{
    color: #fff;
    padding: 10px 20px;
    border: none;
    outline:none;
    border-radius: 4px;
    background: #f77062;
    position:absolute;
    top: 440px;
    left: 30px;
    font-size: 1rem;
    cursor: pointer;
}

.services_card:hover{
    transform: scale(1.075);
    transition: 0.2s ease-in;
}

@media screen and (max-width: 960px)
{
    .services{
        height: 1600px;
    }

    .services h1{
        font-size:2rem;
        margin-top:12rem;
    }
}

@media screen and (max-width: 480px){
```

```css
    .services{
        height: 1400px;
    }
    .services h1{
        font-size:1.2rem;
    }
    .services_card{
        width:300px;
    }
}

/*Footer CSS*/
.footer_container{
    background-color:#101010;
    padding:5rem 0;
    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;
}

#footer_logo{
    color:#fff;
    display:flex;
    align-items:center;
    cursor:pointer;
    text-decoration: none;
    font-size: 2rem;
}

.footer_links{
    width:100%;
    max-width:1000px;
    display:flex;
    justify-content: center;
}
```

```css
.footer_link--wrapper{
    display: flex;
}

.footer_link--items{
    display:flex;
    flex-direction: column;
    align-items: flex-start;
    margin: 16px;
    text-align: left;
    width: 160px;
    box-sizing: border-box;
}

.footer_link--items h2{
    margin-bottom: 16px;
}

.footer_link--items > h2{
    color:#fff;
}

.footer_link--items a{
    color: #fff;
    text-decoration: none;
    margin-bottom: 0.5rem;
}

.footer_link--items a:hover{
    color: #e9e9e9;
    transition: 0.3s ease-out;
}

/*Social Icons*/
.social_icon--link{
    color: #fff;
    font-size:24px;
```

```css
}

.social_media{
    max-width:1000px;
    width:100%;
}

.social_media--wrap{
    display: flex;
    justify-content: space-between;
    align-items: center;
    width: 90%;
    max-width: 1000px;
    margin: 40px auto 0 auto;
}

.social_icons{
    display:flex;
    justify-content: space-between;
    align-items: center;
    width: 240px;
}

.social_logo{
    color:#fff;
    justify-self:flex-start;
    margin-left:20px;
    margin-right: 20px;
    cursor: pointer;
    text-decoration: none;
    font-size: 2rem;
    display: flex;
    align-items: center;
    margin-bottom: 16px;
}

.website_right{
```

```css
        color:#fff;
    }

    @media screen and (max-width: 820px){
        .footer_links{
            padding-top: 2rem;
        }

        #footer_logo{
            margin-bottom: 2rem;
        }

        .website_right{
            margin-bottom:2rem;
        }

        .footer_link--wrapper{
            flex-direction:column ;
        }

        .social_media--wrap{
            flex-direction: column;
        }
    }

    @media screen and (max-width : 480px){
        .footer_link--items{
            margin:0;
            padding:10px;
            width:100%;
        }
    }
```
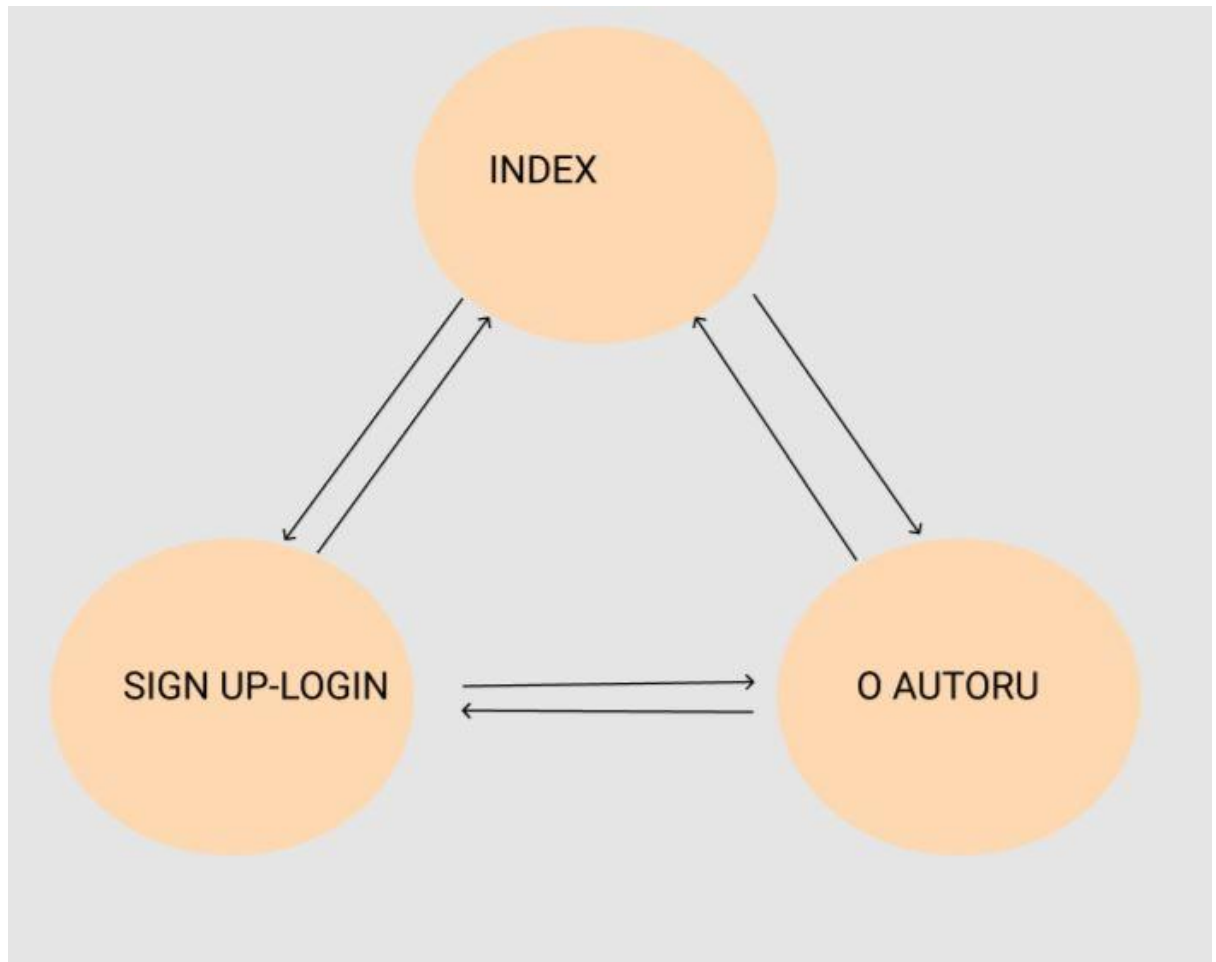
2.Organizacija

2.1 Organizicona šema

2.2 Mapa sajta

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
<url>
    <loc>https://narandza.github.io/web-programiranje-1/index.html<loc>
    <lastmod>2020-12-02</lastmod>
    <changefreq>daily</changefreq>
    <priority>1</priority>
</url>
<url>
```

```
        <loc>https://narandza.github.io/web-programiranje-
1/autor.html<loc>
        <lastmod>2020-12-02</lastmod>
        <changefreq>daily</changefreq>
        <priority>0.9</priority>
    </url>
    <url>
        <loc>https://narandza.github.io/web-programiranje-
1/prijava.html<loc>
        <lastmod>2020-12-02</lastmod>
        <changefreq>weekly</changefreq>
        <priority>0.1</priority>
    </url>
    </urlset>
```

2.3 Stranice

2.3.1 index.html
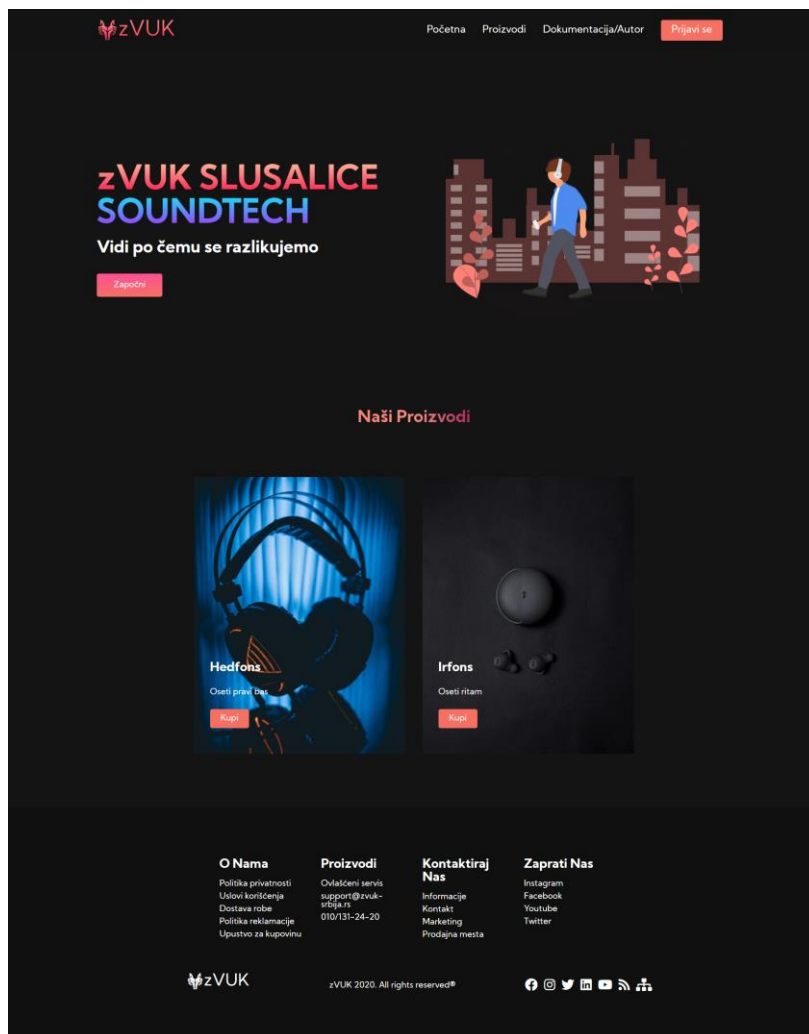
Na ovoj stranici se nalazi drop-down meni u navigacionom baru (kao i na ostalim stranicama) odrađen u JavaScript-u koji dinamičko ispiuje novu "ul" tabelu kliokom na link i animiran u jQuery-u prilikom klika. Takođe na ovoj stranici se nalazi Slider koji je odrađen u JavaScript-u u kome se posle određenog vremena menja slika. Klikom na taster "Započni" aktivira se jQuery plugin i otvara YouTube video koji je predviđen da bude reklama za zVuk slušalice, ali je stavljena reklama za slušalice drugog brenda radi prezentacije funkcionalnosti. Klikom na link "Proizvodi" aktivira se jQuery skrol animacija koja spušta korisnika na deo stranice predviđen za proizvode koje kompanija zVuk ima u ponudi.

2.3.2 prijava.html

zVUK

Početna   Proizvodi   Dokumentacija/Autor   Prijavi se

Prijavljivanje

Korisnicko ime ili email

Lozinka

Prijavite se

Zaboravili ste lozinku?

Nemate nalog? Napravite novi nalog

O Nama

Politika privatnosti
Uslovi korišćenja
Dostava robe
Politika reklamacije
Upustvo za kupovinu

Proizvodi

Ovlašćeni servis
support@zvuk-srbija.rs
010/131-24-20

Kontaktiraj Nas

Informacije
Kontakt
Marketing
Prodajna mesta

Zaprati Nas

Instagram
Facebook
Youtube
Twitter

zVUK

Na ovoj stranici postoji dinamičko menjanje html koda klikom na "Nemate nalog?Napravite novi nalog" gde se forma za prijavljivajanje na sajt menja na novu formu za pravljenje novog naloga. Nad formom za pravljenje novog naloga su odrađeni RegEx izrazi za svako tekstualno polej u fromi. Ako korisnik pogrešno unese podatke u formu događa se dinamičko ispisvanje greške koja takođe sadrži informaciju kako pravilno popuniti tekstualno polje. Takođe se na ovoj stranici nalazi drop down meni.

2.3.3 Oautoru.html

Na ovoj stranici se nalazi tabela nad kojoj je pomoću jQuery-a odrađena "zebra" šema u kojoj su neparani redovi tabele tamnije boje nego kod parnih. Takođe se na ovoj stranici nalazi drop down meni.

3.Kodovi

3.1 html

3.1.1 index.html

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>zVUK</title>
    <link rel="stylesheet" href="css/style.css">
    <link rel="stylesheet"
href="https://use.fontawesome.com/releases/v5.15.1/css/all.css"
        integrity="sha384-
vp86vTRFVJgpjF9jiIGPEEqYqlDwgyBgEF109VFjmqGmIY/Y4HV4
d3Gp2irVfcrp" crossorigin="anonymous">
    <link rel="preconnect" href="https://fonts.gstatic.com">
    <link
href="https://fonts.googleapis.com/css2?family=Kumbh+Sans:wght
@400;700&display=swap" rel="stylesheet">
    <link rel="shortcut icon" href="img/favicon.ico" />
    <script src="https://code.jquery.com/jquery-3.5.1.min.js"
        integrity="sha256-
9/aliU8dGd2tb6OSsuzixeV4y/faTqgFtohetphbbj0="
crossorigin="anonymous"></script>
    <link rel="stylesheet" href="css/modal-video.min.css">
</head>

<body>
    <!-- Nav bar seciton -->
    <nav class="navbar">
        <div class="navbar_container">
            <a href="index.html" id="navbar_logo"><i class="fab fa-
wolf-pack-battalion"></i></i></i>zVUK
            </a>
```

```html
        <div class="navbar_toggle" id="mobile-menu">
            <span class="bar"></span>
            <span class="bar"></span>
            <span class="bar"></span>
        </div>
        <ul class="navbar_menu">
            <li class="navbar_item">
                <a href="index.html"
class="navbar_links">Početna</a>
            </li>
            <li class="navbar_item">
                <a id="navProizvodi"
class="navbar_links">Proizvodi</a>
            </li>
            <li class="navbar_item dropDownMenu">
                <a href="#"
class="navbar_links">Dokumentacija/Autor</a>
            </li>
            <li class="navbar_btn">
                <a href="prijava.html" class="button">Prijavi se</a>
            </li>
        </ul>
    </div>
</nav>
<!--Hero section -->
<div class="main">
    <div class="main_container">
        <div class="main_content">
            <h1>zVUK SLUŠALICE</h1>
            <h2>SOUNDTECH</h2>
            <p>Vidi po čemu se razlikujemo</p>
            <button class="main_btn js-video-button" data-video-
id='xFe_ZYtfsZg'><a href="/">Započni</a></button>
        </div>
        <div class="main_img--container">
            <img src="img/pic1.svg" alt="pic" id="main_img">
        </div>
```

```
        </div>
    </div>
    <!-- Services Section -->
    <div id="proizvodi" class="services">
        <h1>Naši Proizvodi</h1>
        <div class="services_container">
            <div class="services_card">
                <h2>Hedfons</h2>
                <p>Oseti pravi bas</p>
                <button>Kupi</button>
            </div>
            <div class="services_card">
                <h2>Irfons</h2>
                <p>Oseti ritam</p>
                <button>Kupi</button>
            </div>
        </div>
    </div>

    <!--Footer-->
    <div class="footer_container">
        <div class="footer_links">
            <div class="footer_link--wrapper">
                <div class="footer_link--items">
                    <h2>O Nama</h2>
                    <a href="/">Politika privatnosti</a>
                    <a href="/">Uslovi korišćenja</a>
                    <a href="/">Dostava robe</a>
                    <a href="/">Politika reklamacije</a>
                    <a href="/">Upustvo za kupovinu</a>
                </div>
                <div class="footer_link--items">
                    <h2>Proizvodi</h2>
                    <a href="/">Ovlašćeni servis</a>
                    <a href="/">support@zvuk-srbija.rs</a>
                    <a href="/">010/131-24-20</a>
                </div>
```

```html
        </div>
        <div class="footer_link--wrapper">
          <div class="footer_link--items">
            <h2>Kontaktiraj Nas</h2>
            <a href="/">Informacije</a>
            <a href="/">Kontakt</a>
            <a href="/">Marketing</a>
            <a href="/">Prodajna mesta</a>
          </div>
          <div class="footer_link--items">
            <h2>Zaprati Nas</h2>
            <a href="/">Instagram</a>
            <a href="/">Facebook</a>
            <a href="/">Youtube</a>
            <a href="/">Twitter</a>
          </div>
        </div>
      </div>
      <div class="social_media">
        <div class="social_media--wrap">
          <div class="social_logo">
            <a href="" id="footer_logo"><i class="fab fa-wolf-pack-battalion"></i></i></i>zVUK</a>
          </div>
          <p class="website_right">zVUK 2020. All rights reserved&#174; </p>
          <div class="social_icons">
            <a href="/" class="social_icon--link" target="_blank">
              <i class="fab fa-facebook"></i>
            </a>
            <a href="/" class="social_icon--link" target="_blank">
              <i class="fab fa-instagram"></i>
            </a>
            <a href="/" class="social_icon--link" target="_blank">
              <i class="fab fa-twitter"></i>
            </a>
            <a href="/" class="social_icon--link" target="_blank">
```

```html
              <i class="fab fa-linkedin"></i>
            </a>
            <a href="/" class="social_icon--link" target="_blank">
              <i class="fab fa-youtube"></i>
            </a>
            <a href="rss.xml" class="social_icon--link"
target="_blank">
              <i class="fas fa-rss"></i>
            </a>
            <a href="sitemap.xml" class="social_icon--link">
              <i class="fas fa-sitemap"></i>
            </a>
          </div>
        </div>
      </div>
    </div>
    <script src="js/main.js" type="text/javascript"></script>
    <script src="js/jQuery.js" type="text/javascript"></script>
    <script src="js/slider.js"></script>
    <script src="js/jquery-modal-video.min.js"
type="text/javascript"></script>

</body>

</html>
```

3.1.2 prijava.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>zVUK</title>
    <link rel="stylesheet" href="css/style.css">
```

```html
    <link rel="stylesheet"
href="https://use.fontawesome.com/releases/v5.15.1/css/all.css"
integrity="sha384-
vp86vTRFVJgpjF9jiIGPEEqYqlDwgyBgEF109VFjmqGmIY/Y4HV4
d3Gp2irVfcrp" crossorigin="anonymous">
    <link rel="preconnect" href="https://fonts.gstatic.com">
    <link
href="https://fonts.googleapis.com/css2?family=Kumbh+Sans:wght
@400;700&display=swap" rel="stylesheet">
    <link rel="shortcut icon"href="img/favicon.ico" />
    <script src="https://code.jquery.com/jquery-3.5.1.min.js"
integrity="sha256-
9/aliU8dGd2tb6OSsuzixeV4y/faTqgFtohetphbbj0="
crossorigin="anonymous"></script>
</head>
<body>
    <!-- Nav bar seciton -->
    <nav class="navbar">
      <div class="navbar_container">
        <a href="index.html" id="navbar_logo"><i class="fab fa-
wolf-pack-battalion"></i></i></i>zVUK
        </a>
        <div class="navbar_toggle" id="mobile-menu">
          <span class="bar"></span>
          <span class="bar"></span>
          <span class="bar"></span>
        </div>
        <ul class="navbar_menu">
          <li class="navbar_item">
            <a href="index.html"
class="navbar_links">Početna</a>
          </li>
          <li class="navbar_item">
            <a id="navProizvodi"
class="navbar_links">Proizvodi</a>
          </li>
          <li class="navbar_item dropDownMenu">
```

```html
            <a href="#"
class="navbar_links">Dokumentacija/Autor</a>
            </li>
            <li class="navbar_btn">
                <a href="prijava.html" class="button">Prijavi se</a>
            </li>
        </ul>
    </div>
  </nav>
  <!--Hero section -->
  <div class="form">
     <div class="form_container">
        <div class="form_content">
             <form class= 'form-group ' id='login'>
                 <h1 class="form_title">Prijavljivanje</h1>
                 <div class='form_message form_message-
error'></div>
                 <div class="form_input-group">
                   <input type="text" class="form_input"
placeholder="Korisnicko ime ili email" autofocus>
                   <div class="form_input-error-msg"></div>
                 </div>
                 <div class="form_input-group">
                     <input type="password" class="form_input"
autofocus placeholder="Lozinka">
                     <p class="form_input-error-msg"></p>
                 </div>
                 <button class="form_button"
type="submit">Prijavite se</button>
                 <p class="form_text">
                     <a href="#" class="form_link">Zaboravili ste
lozinku?</a>
                 </p>
                 <p class="form_text">
                   <a id="linkCreateAccount"
class="form_link">Nemate nalog? Napravite novi nalog</a>
                 </p>
```

```html
                    </div>
                </form>
            <!--Sign up-->
            <div class="form_content">
                <form class="form-group form-hidden"
id="createAccount">
                    <h1 class="form_title">Napravite novi nalog</h1>
                    <div class='form_message form_message-
error'></div>
                    <div class="form_input-group">
                      <input type="text" class="form_input" id='ime'
placeholder="Ime" autofocus>
                        <p id='imeError'class="form_input-error-
msg"></p>
                    </div>
                    <div class="form_input-group">
                       <input type="text" class="form_input"
id="prezime" placeholder="Prezime" autofocus>
                         <p id='prezimeError' class="form_input-error-
msg"></p>
                     </div>
                    <div class="form_input-group">
                       <input type="text" class="form_input"  id="email"
placeholder="Email adresa" autofocus>
                          <p id='emailError' class="form_input-error-
msg"></p>
                    </div>
                     <div class="form_input-group">
                        <input type="password"  id="lozinka"
class="form_input" autofocus placeholder="Lozinka">
                          <p id='lozinkaError' class="form_input-error-
msg"></p>
                    </div>
                    <div class="form_input-group">
                        <input type="password"
id="potvrdiLozinku"class="form_input" autofocus
placeholder="Potvrdite Lozinku">
```

```html
                <p id='potvrdiLozinkuError' class="form_input-
error-msg"></p>
            </div>
            <input type="button"
onclick='proveri()'class="form_button" value="Napravi nalog">
            <p class="form_text">
                <a id="linkLogin"  class="form_link">Imate
nalog? Prijavite se</a>
            </p>
        </form>
    </div>
  </div>
</div>
<!--Footer-->
<div class="footer_container">
    <div class="footer_links">
        <div class="footer_link--wrapper">
            <div class="footer_link--items">
                <h2>O Nama</h2>
                <a href="/">Politika privatnosti</a>
                <a href="/">Uslovi korišćenja</a>
                <a href="/">Dostava robe</a>
                <a href="/">Politika reklamacije</a>
                <a href="/">Upustvo za kupovinu</a>
            </div>
            <div class="footer_link--items">
                <h2>Proizvodi</h2>
                <a href="/">Ovlašćeni servis</a>
                <a href="/">support@zvuk-srbija.rs</a>
                <a href="/">010/131-24-20</a>
            </div>
        </div>
        <div class="footer_link--wrapper">
            <div class="footer_link--items">
                <h2>Kontaktiraj Nas</h2>
                <a href="/">Informacije</a>
                <a href="/">Kontakt</a>
```

```html
            <a href="/">Marketing</a>
            <a href="/">Prodajna mesta</a>
        </div>
        <div class="footer_link--items">
            <h2>Zaprati Nas</h2>
            <a href="/">Instagram</a>
            <a href="/">Facebook</a>
            <a href="/">Youtube</a>
            <a href="/">Twitter</a>
        </div>
    </div>
</div>
<div class="social_media">
    <div class="social_media--wrap">
        <div class="social_logo">
            <a href="" id="footer_logo"><i class="fab fa-wolf-pack-
battalion"></i></i></i>zVUK</a>
        </div>
        <p class="website_right">zVUK 2020. All rights
reserved&#174; </p>
        <div class="social_icons">
            <a href="/" class="social_icon--link" target="_blank">
            <i class="fab fa-facebook"></i>
            </a>
            <a href="/" class="social_icon--link" target="_blank">
                <i class="fab fa-instagram"></i>
            </a>
            <a href="/" class="social_icon--link" target="_blank">
                <i class="fab fa-twitter"></i>
            </a>
            <a href="/" class="social_icon--link" target="_blank">
                <i class="fab fa-linkedin"></i>
            </a>
            <a href="/" class="social_icon--link" target="_blank">
                <i class="fab fa-youtube"></i>
            </a>
```

```html
                <a href="rss.xml" class="social_icon--link"
    target="_blank">
                        <i class="fas fa-rss"></i>
                </a>
                <a href="sitemap.xml" class="social_icon--link">
                    <i class="fas fa-sitemap"></i>
                </a>
            </div>
          </div>
        </div>
      </div>
      <script src="js/main.js" type="text/javascript"></script>
      <script src="js/Login.js" type="text/javascript"></script>
      <script src="js/jQuery.js" type="text/javascript"></script>
    </body>
    </html>
```

3.1.3 autor.html

```html
<!DOCTYPE html>
<html lang="en">

<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-
scale=1.0">
   <title>zVUK</title>
   <link rel="stylesheet" href="css/style.css">
   <link rel="stylesheet"
href="https://use.fontawesome.com/releases/v5.15.1/css/all.css"
     integrity="sha384-
vp86vTRFVJgpjF9jiIGPEEqYqlDwgyBgEF109VFjmqGmIY/Y4HV4d3Gp
2irVfcrp" crossorigin="anonymous">
   <link rel="preconnect" href="https://fonts.gstatic.com">
```

```html
    <link
href="https://fonts.googleapis.com/css2?family=Kumbh+Sans:wght@40
0;700&display=swap" rel="stylesheet">
    <link rel="shortcut icon" href="img/favicon.ico" />
    <script src="https://code.jquery.com/jquery-3.5.1.min.js"
        integrity="sha256-
9/aliU8dGd2tb6OSsuzixeV4y/faTqgFtohetphbbj0="
crossorigin="anonymous"></script>
</head>

<body>
    <!-- Nav bar seciton -->
    <nav class="navbar">
        <div class="navbar_container">
            <a href="index.html" id="navbar_logo"><i class="fab fa-wolf-
pack-battalion"></i></i></i>zVUK
            </a>
            <div class="navbar_toggle" id="mobile-menu">
                <span class="bar"></span>
                <span class="bar"></span>
                <span class="bar"></span>
            </div>
            <ul class="navbar_menu">
                <li class="navbar_item">
                    <a href="index.html" class="navbar_links">Početna</a>
                </li>
                <li class="navbar_item">
                    <a id="navProizvodi" class="navbar_links">Proizvodi</a>
                </li>
                <li class="navbar_item dropDownMenu">
                    <a href="#" class="navbar_links">Dokumentacija/Autor</a>
                </li>
                <li class="navbar_btn">
                    <a href="prijava.html" class="button">Prijavi se</a>
                </li>
            </ul>
        </div>
```

```html
</nav>
<!--Hero Section-->
<div class="main">
    <div class="main_container">
        <div class="main_content">
            <h1>O Autoru</h1>
            <h2>Dimitrije Jovanović 35/19</h2>
        </div>
        <div class="main_img--container">
            <img src="img/ja.jpg" alt="sliakAutora" id="slikaAutora">
        </div>
    </div>
    <div class="table_container">
        <div class="table">
            <table id='table-author'>
                <thead>
                    <tr>
                        <th colspan="2">Podaci o autoru</th>
                    </tr>
                </thead>
                <tbody>
                    <tr>
                        <th>Ime:</th>
                        <td>Dimitrije</td>
                    </tr>
                    <tr>
                        <th>Prezime:</th>
                        <td>Jovanović</td>
                    </tr>
                    <tr>
                        <th>Email:</th>
                        <td>dimitrije.jovanovic.35.19@ict.edu.rs</td>
                    </tr>
                    <tr>
                        <th>Datum rođenja:</th>
                        <td>26.07.1999</td>
                    </tr>
```

```html
            <tr>
                <th>Mesto rođenja:</th>
                <td>Pirot</td>
            </tr>
            <tr>
                <th>Završena srednja škola:</th>
                <td>Gimnazija Pirot</td>
            </tr>
            <tr>
                <th>Fakultet/visoka škola:</th>
                <td> Visoka škola strukovnih studija za informacione i komunikacione tehnologije</td>
            </tr>
            <tr>
                <th>Broj indeksa:</th>
                <td>35/19</td>
            </tr>
        </tbody>
      </table>
    </div>
  </div>
</div>
<!--Footer-->
<div class="footer_container">
  <div class="footer_links">
    <div class="footer_link--wrapper">
      <div class="footer_link--items">
        <h2>O Nama</h2>
        <a href="/">Politika privatnosti</a>
        <a href="/">Uslovi korišćenja</a>
        <a href="/">Dostava robe</a>
        <a href="/">Politika reklamacije</a>
        <a href="/">Upustvo za kupovinu</a>
      </div>
      <div class="footer_link--items">
        <h2>Proizvodi</h2>
        <a href="/">Ovlašćeni servis</a>
```

```html
        <a href="/">support@zvuk-srbija.rs</a>
        <a href="/">010/131-24-20</a>
      </div>
    </div>
    <div class="footer_link--wrapper">
      <div class="footer_link--items">
        <h2>Kontaktiraj Nas</h2>
        <a href="/">Informacije</a>
        <a href="/">Kontakt</a>
        <a href="/">Marketing</a>
        <a href="/">Prodajna mesta</a>
      </div>
      <div class="footer_link--items">
        <h2>Zaprati Nas</h2>
        <a href="/">Instagram</a>
        <a href="/">Facebook</a>
        <a href="/">Youtube</a>
        <a href="/">Twitter</a>
      </div>
    </div>
  </div>
  <div class="social_media">
    <div class="social_media--wrap">
      <div class="social_logo">
        <a href="" id="footer_logo"><i class="fab fa-wolf-pack-
battalion"></i></i></i>zVUK</a>
      </div>
      <p class="website_right">zVUK 2020. All rights
reserved&#174; </p>
      <div class="social_icons">
        <a href="/" class="social_icon--link" target="_blank">
          <i class="fab fa-facebook"></i>
        </a>
        <a href="/" class="social_icon--link" target="_blank">
          <i class="fab fa-instagram"></i>
        </a>
        <a href="/" class="social_icon--link" target="_blank">
```

```html
                    <i class="fab fa-twitter"></i>
                </a>
                <a href="/" class="social_icon--link" target="_blank">
                    <i class="fab fa-linkedin"></i>
                </a>
                <a href="/" class="social_icon--link" target="_blank">
                    <i class="fab fa-youtube"></i>
                </a>
                <a href="rss.xml" class="social_icon--link" target="_blank">
                    <i class="fas fa-rss"></i>
                </a>
                <a href="sitemap.xml" class="social_icon--link">
                    <i class="fas fa-sitemap"></i>
                </a>
            </div>
        </div>
      </div>
   </div>
   <script src="js/main.js" type="text/javascript"></script>
   <script src="js/jQuery.js" type="text/javascript"></script>
   <script src="js/daisy.js" type="type/javascript"></script>
</body>

</html>
```

3.2 CSS
3.2.1 Moj CSS

```css
*{
    box-sizing: border-box;
    margin: 0;
    padding: 0;
    font-family: 'Kumbh Sans', sans-serif;
}

ul{
    list-style: none;
}

.navbar{
    background: #131313;
    height: 80px;
    display:flex;
    justify-content: center;
    align-items: center;
    font-size:1.2rem;
    position:sticky;
    top:0;
    z-index: 999;
}

.navbar_container{
    display: flex;
    justify-content: space-between;
    height: 80px;
    z-index: 1;
    width: 100%;
    max-width: 1300px;
    margin: 0 auto;
    padding: 0 50px;
}
```

```css
#navbar_logo{
    background-color: #ff8177;
    background-image: linear-gradient(to top, #ff0844 0%, #ffb199 100%);
    background-size: 100%;
    -webkit-background-clip: text;
    -moz-background-clip: text;
    -webkit-text-fill-color:transparent;
    -moz-text-fill-color: transparent;
    display: flex;
    align-items: center;
    cursor: pointer;
    text-decoration: none;
    font-size: 2.5rem;
}

.fa-gem{
    margin-right:0.5rem;
}

.navbar_menu{
    display: flex;
    align-items: center;
    list-style-type: none;
    text-align: center;
}

.navbar_links{
    color: #fff;
    display: flex;
    align-items: center;
    justify-content: center;
    text-decoration: none;
    padding: 0 1rem;
    height: 100%;
}
```

```css
.navbar_btn{
    display: flex;
    justify-content: center;
    align-items: center;
    padding: 0 1rem;
    width:100%
}

.button{
    display:flex;
    justify-content: center;
    align-items: center;
    text-decoration: none;
    padding: 10px 20px;
    height: 100%;
    width: 100%;
    border: none;
    outline:none;
    border-radius:4px;
    background: #f77062;
    color:#fff;
}

.button:hover{
    background: #4837ff;
    transition: all 0.3s ease;
}

.navbar_links:hover{
    color: #f77062;
    transition: all 0.3 ease;
}

.ddm{
    display: flex;
    flex-direction: column;
    background-color: #131313;
```

```css
    height: 16vh;
    position: absolute;
    top:70%;
    padding:1rem;
    align-items: center;
    border-radius: 12px;
    border-bottom: 0.2px solid #ff8177;
}

.ddm li{
    padding:0.7rem;
    margin: 10px;
}
.ddm ul{
    display:none
}

@media screen and (max-width: 960px){
    .navbar_container {
        display: flex;
        justify-content: space-between;
        height: 80px;
        z-index:1;
        width:100%;
        max-width: 1300px;
        padding: 0;
    }

    .navbar_menu{
        display: grid;
        grid-template-columns: auto;
        margin: 0;
        width: 100%;
        position: absolute;
        top: -1000px;
        opacity:1;
        transition: all 0.5s ease;
```

```css
        height: 50vh;
        z-index: -1;
        background: #131313;
}

.navbar_menu.active{
        background: #131313;
        top:100%;
        opacity:  1;
        z-index: 99;
        height: 50vh;
        font-size: 1.6rem;
}

#navbar_logo{
        padding-left: 25px;
}

.navbar_toggle .bar{
        width: 25px;
        height: 3px;
        margin: 5px auto;
        transition: all 0.3s ease-in-out;
        background: #fff;
}

.navbar_item{
        width:100%;
}

.navbar_links{
        text-align:center;
        padding: 2rem;
        width: 100%;
        display: table;
}
```

```css
.ddm{
    width:100%;
    display: table;
    left:0%;
}

#mobile-menu{
    position: absolute;
    top:20%;
    right:5%;
    transform: translate(5%,20%);
}
.navbar_btn{
    padding-bottom: 2rem;
}

.button{
    display: flex;
    justify-content:center;
    align-items: center;
    width: 80%;
    height: 80px;
    margin: 0;
}

.navbar_toggle .bar {
    display: block;
    cursor: pointer;
}

#mobile-menu.is-active .bar:nth-child(2){
    opacity: 0;
}

#mobile-menu.is-active .bar:nth-child(1){
    transform: translateY(8px) rotate(45deg);
}
```

```css
    #mobile-menu.is-active .bar:nth-child(3){
        transform: translateY(-8px) rotate(-45deg);
    }
}




/* Hero Section Css*/
.main{
    background-color: #141414;
}

.main_container{
    display: grid;
    grid-template-columns: 1fr 1fr;
    align-items: center;
    justify-self: center;
    margin: 0 auto;
    height: 90vh;
    background-color: #141414;
    z-index: 1;
    width: 100%;
    max-width: 1300px;
    padding: 0 50px;
}

.main_content h1{
    font-size: 4rem;
    background-color: #ff8177;
    background-image: linear-gradient(to top, #ff0844 0%, #ffb199 100%);
    background-size: 100%;
    -webkit-background-clip: text;
    -moz-background-clip: text;
    -webkit-text-fill-color: transparent;
```

```css
    -moz-text-fill-color: transparent;
}

.main_content h2{
    font-size: 4rem;
    background-color: #ff8177;
    background-image: linear-gradient(to top, #b721ff 0%, #21d4fd
100%);
    background-size: 100%;
    -webkit-background-clip: text;
    -moz-background-clip: text;
    -webkit-text-fill-color: transparent;
    -moz-text-fill-color: transparent;
}

.main_content p {
    margin-top: 1rem;
    font-size: 2rem;
    font-weight: 700;
    color:#fff;
}

.main_btn {
    font-size: 1rem;
    background-image: linear-gradient(to top, #f77062 0%, #fe5196
100%);
    padding: 14px 32px;
    border: none;
    border-radius: 4px;
    color: #fff;
    margin-top: 2rem;
    cursor: pointer;
    position: relative;
    transition: all 0.35s;
    outline:none;
}
```

```css
.main_btn a{
    position: relative;
    z-index: 2;
    color: #fff;
    text-decoration: none;
}

.main_btn:after{
    position: absolute;
    content: '';
    top: 0;
    left: 0;
    width: 0;
    height: 100%;
    background: #4837ff;
    transition: all 0.35s;
    border-radius: 4px;
}

.main_btn:hover {
    color: #fff;
}

.main_btn:hover:after{
    width: 100%;
}

.main_img--container{
    text-align: center;
}

#main_img{
    height: 80%;
    width: 80%;
}

/* Mobile Responsive*/
```

```css
@media screen and  (max-width: 768px ){

    .main_container{
        display: grid;
        grid-template-columns: auto;
        align-items: center;
        justify-self: center;
        width:100%;
        margin: 0 auto;
        height: 90vh;
    }

    .main_content{
        text-align: center;
        margin-bottom: 4rem;
    }

    .main_content h1{
        font-size: 2.5rem;
        margin-top: 2rem;
    }

    .main_content h2{
        font-size: 3rem;
    }

    .main_content p{
        font-size: 1.5rem;
        margin-top: 1rem;
    }
}

@media screen and (max-width: 480px)
{
    .main_content h1{
        font-size: 2rem;
        margin-top: 3rem;
```

```css
        }

        .main_content h2{
            font-size: 2rem;
        }

        .main_content p{
            font-size: 2rem;
            margin-top: 1.5rem;
        }

        .main_btn{
            padding: 12px 36px;
            margin: 2.5rem 0;
        }
    }


/* Services Section Css*/
.services {
    background: #141414;
    display: flex;
    flex-direction: column;
    align-items: center;
    height: 100vh;
}

.services h1{
    background-color: #ff8177;
    background-image: linear-gradient(to right, #ff8177 0%, #ff867a 0%,
#ff8c7f 21%, #f99185 52%, #cf556c 78%, #b12a5b 100% );
    background-size: 100%;
    margin-bottom: 5rem;
    font-size: 2.5 rem;
    -webkit-background-clip: text;
    -moz-background-clip: text;
    -webkit-text-fill-color: transparent;
```

```css
        -moz-text-fill-color: transparent;
}

.services_container{
    display: flex;
    justify-content: center;
    flex-wrap: wrap;
}

.services_card {
    margin: 1rem;
    height: 525px;
    width: 400px;
    border-radius: 4px;
    background-image: url('../img/pic3.jpg'),
     linear-gradient(
        to bottom,
         rgba(0,0,0,0) 0%,
         rgba(17,17,17,0.6) 100%) ;
    background-size: cover;
    position: relative;
    color:#fff;
}

.services_card:nth-child(2){
    background-image: url('../img/pic4.jpg'),
    linear-gradient(
        to bottom,
         rgba(0,0,0,0) 0%,
         rgba(17,17,17,0.6) 100%) ;
}

.services h2{
    position: absolute;
    top:350px;
    left:30px;
}
```

```css
.services_card p{
    position: absolute;
    top:400px;
    left:30px;
}

.services_card button{
    color: #fff;
    padding: 10px 20px;
    border: none;
    outline:none;
    border-radius: 4px;
    background: #f77062;
    position:absolute;
    top: 440px;
    left: 30px;
    font-size: 1rem;
    cursor: pointer;
}

.services_card:hover{
    transform: scale(1.075);
    transition: 0.2s ease-in;
}

@media screen and (max-width: 960px)
{
    .services{
        height: 1600px;
    }

    .services h1{
        font-size:2rem;
        margin-top:12rem;
    }
}
```

```css
@media screen and (max-width: 480px){
    .services{
        height: 1400px;
    }
    .services h1{
        font-size:1.2rem;
    }
    .services_card{
        width:300px;
    }
}

/*Footer CSS*/
.footer_container{
    background-color:#101010;
    padding:5rem 0;
    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;
}

#footer_logo{
    color:#fff;
    display:flex;
    align-items:center;
    cursor:pointer;
    text-decoration: none;
    font-size: 2rem;
}

.footer_links{
    width:100%;
    max-width:1000px;
    display:flex;
    justify-content: center;
```

```css
}

.footer_link--wrapper{
    display: flex;
}

.footer_link--items{
    display:flex;
    flex-direction: column;
    align-items: flex-start;
    margin: 16px;
    text-align: left;
    width: 160px;
    box-sizing: border-box;
}

.footer_link--items h2{
    margin-bottom: 16px;
}

.footer_link--items > h2{
  color:#fff;
}

.footer_link--items a{
    color: #fff;
    text-decoration: none;
    margin-bottom: 0.5rem;
}

.footer_link--items a:hover{
    color: #e9e9e9;
    transition: 0.3s ease-out;
}

/*Social Icons*/
.social_icon--link{
```

```css
    color: #fff;
    font-size:24px;
}

.social_media{
    max-width:1000px;
    width:100%;
}

.social_media--wrap{
    display: flex;
    justify-content: space-between;
    align-items: center;
    width: 90%;
    max-width: 1000px;
    margin: 40px auto 0 auto;
}

.social_icons{
    display:flex;
    justify-content: space-between;
    align-items: center;
    width: 240px;
}

.social_logo{
    color:#fff;
    justify-self:flex-start;
    margin-left:20px;
    margin-right: 20px;
    cursor: pointer;
    text-decoration: none;
    font-size: 2rem;
    display: flex;
    align-items: center;
    margin-bottom: 16px;
}
```

```css
.website_right{
    color:#fff;
}

@media screen and (max-width: 820px){
    .footer_links{
        padding-top: 2rem;
    }

    #footer_logo{
        margin-bottom: 2rem;
    }

    .website_right{
        margin-bottom:2rem;
    }

    .footer_link--wrapper{
        flex-direction:column ;
    }

    .social_media--wrap{
        flex-direction: column;
    }
}

@media screen and (max-width : 480px){
    .footer_link--items{
        margin:0;
        padding:10px;
        width:100%;
    }
}
```

```css
/*Login*/
.form{
  background:  #141414;
  height: 140vh;
  display: flex;
  align-items: center;
  justify-content: center;
  font-size: 1.5rem;
}
.form-hidden{
   display:none;
}
.form_container{
  width:700px;
  height:90vh;
  max-width: 1000px;
  margin: 1rem;
  padding: 2rem;
  border-radius: 4px;
  background: #202020;
}

.form_content h1{
  font-size: 3rem;
  background-color: #ff8177;
  background-image: linear-gradient(to top, #ff0844 0%, #ffb199 100%);
  background-size: 100%;
  -webkit-background-clip: text;
  -moz-background-clip: text;
  -webkit-text-fill-color: transparent;
  -moz-text-fill-color: transparent;
  text-align:center;
  margin-bottom: 2rem;
}

.form_message{
  text-align:center;
```

```css
        margin-bottom: 1rem;

}

.form_message-success{
    color:#4BB543
}

.form_message-error{
    color: #ff0033
}

.form_input-group{
    margin-bottom: 1rem;
}

.form_input{
    display:block;
    width: 100%;
    padding: 0.75rem;
    box-sizing: border-box;
    border-radius:4px;
    border: 1px solid #ddd;
    outline: none;
    background: #eee;
    margin-bottom: 1rem;
}

.form_input:focus{
    border-color: #181818;
    background: #fff;
}

.form_input-error{
    color:#ff0033;
    border-color:#ff0033;
}
```

```css
.form_input-error-msg{
    margin-top:0;
    font-size: 0.85rem;
    color: #ff0033;
}

.form_button{
    font-size: 1rem;
    background-image: linear-gradient(to top, #f77062 0%, #fe5196 100%);
    padding: 14px 32px;
    border: none;
    border-radius: 4px;
    color: #fff;
    margin-top: 2rem;
    cursor: pointer;
    transition: all 0.35s;
    outline:none;
    width:100%;
    padding: 1rem 2re;
    font-weight: bold;
}

.form_button:hover{
    background: #4837ff;
    transition: all 0.3s ease;
}

.form_button:active{
    transform: scale(0.98);
}

.form_text{
    text-align: center;
    margin-top:1rem;
    font-size: 1rem;
```

```css
}

.form_link{
    color: #f77062;
    text-decoration: none;
    cursor:pointer;
}

.form_link:hover{
    text-decoration: underline;
}
@media screen and (max-width: 480px){
    .form_content h1{
        font-size:1.5rem;
    }

    .form{
        height:120vh;
    }
}



/*Autor*/
#slikaAutora{
    border-radius: 4px;
    transform: scale(0.75);
}
#slikaAutora:hover{
    transform: scale(0.775);
    transition: 0.2s ease-in;
}
.table_container{
    height: 90vh;
}

.table{
```

```css
    display: flex;
    align-items: center;
    justify-content: center;
    height:70vh;
}

#table-author, th, td {
    border: 1px solid #ff8177;
    border-collapse: collapse;
}

#table-author{
    background-color: #202020;
    padding: 1rem;
    color:#fff;
    width: 70%;
    height:60vh;
}
#table-author thead{
    background-color: #181818;

}

#table-author thead tr th{
    padding:3rem;
    margin: 2rem;
    font-size:2rem;
}

#table-author tbody tr{
    font-size:1rem;
    text-align:left;
}

#table-author tbody tr td{
  padding: 1rem;
  margin:1rem;
```

```
}
#table-author tbody tr th{
    padding: 1rem;
    margin:1rem;
  }
```

3.2.2 CSS za jQuery plugin

```
@keyframes modal-
video{from{opacity:0}to{opacity:1}}@keyframes modal-video-
inner{from{transform:translate(0, 100px)}to{transform:translate(0,
0)}}.modal-
video{position:fixed;top:0;left:0;width:100%;height:100%;backgrou
nd-color:rgba(0,0,0,0.5);z-
index:1000000;cursor:pointer;opacity:1;animation-timing-
function:ease-out;animation-duration:.3s;animation-name:modal-
video;-webkit-transition:opacity .3s ease-out;-moz-
transition:opacity .3s ease-out;-ms-transition:opacity .3s ease-out;-
o-transition:opacity .3s ease-out;transition:opacity .3s ease-
out}.modal-video-close{opacity:0}.modal-video-close .modal-video-
movie-wrap{-webkit-transform:translate(0, 100px);-moz-
transform:translate(0, 100px);-ms-transform:translate(0, 100px);-o-
transform:translate(0, 100px);transform:translate(0, 100px)}.modal-
video-body{max-width:940px;width:100%;height:100%;margin:0
auto;display:table}.modal-video-inner{display:table-cell;vertical-
align:middle;width:100%;height:100%}.modal-video-movie-
wrap{width:100%;height:0;position:relative;padding-
bottom:56.25%;background-color:#333;animation-timing-
function:ease-out;animation-duration:.3s;animation-name:modal-
video-inner;-webkit-transform:translate(0, 0);-moz-
transform:translate(0, 0);-ms-transform:translate(0, 0);-o-
transform:translate(0, 0);transform:translate(0, 0);-webkit-
transition:-webkit-transform .3s ease-out;-moz-transition:-moz-
transform .3s ease-out;-ms-transition:-ms-transform .3s ease-out;-
o-transition:-o-transform .3s ease-out;transition:transform .3s
ease-out}.modal-video-movie-wrap
```

```css
iframe{position:absolute;top:0;left:0;width:100%;height:100%}.modal-video-close-btn{position:absolute;z-index:2;top:-35px;right:-35px;display:inline-block;width:35px;height:35px;overflow:hidden;border:none;background:transparent}.modal-video-close-btn:before{transform:rotate(45deg)}.modal-video-close-btn:after{transform:rotate(-45deg)}.modal-video-close-btn:before,.modal-video-close-btn:after{content:'';position:absolute;height:2px;width:100%;top:50%;left:0;margin-top:-1px;background:#fff;border-radius:5px;margin-top:-6px}
```

3.3 JavaScript
3.3.1 main.js

```javascript
const menu = document.querySelector('#mobile-menu');
const menuLinks = document.querySelector('.navbar_menu');

menu.addEventListener('click', function () {
   menu.classList.toggle('is-active');
   menuLinks.classList.toggle('active');
});

const DDM = document.querySelector(".dropDownMenu")


const DDMUL = document.createElement('ul')
DDMUL.setAttribute('class', 'ddm')
const DDMLI1 = document.createElement('li')
DDMLI1.setAttribute('class', 'navbar_item')
const DDMLI1A = document.createElement('a')
DDMLI1A.setAttribute('class', 'navbar_links')
DDMLI1A.setAttribute('href', '#')
const DDMLI1Atext = document.createTextNode('Dokumentacija')
const DDMLI2 = document.createElement('li')
DDMLI2.setAttribute('class', 'navbar_item')
const DDMLI2A = document.createElement('a')
DDMLI2A.setAttribute('class', 'navbar_links')
DDMLI2A.setAttribute('href', 'autor.html')
const DDMLI2Atext = document.createTextNode('Autor')

DDMLI1A.appendChild(DDMLI1Atext)
DDMLI2A.appendChild(DDMLI2Atext)

DDMLI1.appendChild(DDMLI1A)
DDMLI2.appendChild(DDMLI2A)

DDMUL.appendChild(DDMLI1)
DDMUL.appendChild(DDMLI2)
```

```
DDM.appendChild(DDMUL)

$('.dropDownMenu ul').hide();
```

3.3.2 slider.js

```
var slika = document.querySelector("#main_img");
console.log(slika.src)
var slike =['img/pic1.svg','img/pic5.svg', 'img/pic6.svg',
'img/pic7.svg',  'img/pic8.svg']
var i=0;
function slider(){
   if(i<slike.length){
      slika.src=slike[i];
      i++;
      console.log(slika.src)
   }
   else{
      i=0;
   }
   setTimeout('slider()',5000)
}
window.onload= slider();
```

3.3.3 Login.js

```
const loginForm = document.querySelector("#login");
const signUpForm = document.querySelector("#createAccount")

document.querySelector("#linkCreateAccount").addEventListener("
click", function (){
   loginForm.classList.add("form-hidden");
   signUpForm.classList.remove("form-hidden")
```

```javascript
});

document.querySelector("#linkLogin").addEventListener("click",
function (){
    signUpForm.classList.add("form-hidden");
    loginForm.classList.remove("form-hidden")
});

//Validacija SignUp forme
const ime = document.querySelector('#ime');
const prezime = document.querySelector('#prezime');
const email = document.querySelector('#email');
const lozinka = document.querySelector('#lozinka');
const potvrdiLozinku = document.querySelector('#potvrdiLozinku');


function proveri () {
    const imeValue = ime.value;
    const prezimeValue = prezime.value;
    const emailValue = email.value;
    const lozinkaValue = lozinka.value;
    const potvrdiLozinkuValue = potvrdiLozinku.value;

    const reImePrzime =/^[A-ZČŠĆĐŽ][a-zčćžšđ]{2,30}(\s[A-
ZČŠĆĐŽ][a-zčćžšđ]{2,30})?$/;
    const reEmail = /^[a-zA-Z0-9.!#$%&'*+/=?^_`{|}~-]+@[a-zA-Z0-
9-]+(?:\.[a-zA-Z0-9-]+)*$/;
    //lozinka mora da sadrzi makar jednu cifru, makar jedno malo
slovo, makar jedno veliko slovo,najmanje 8 karaktera
    const reLozinka = /^(?=.*\d)(?=.*[a-z])(?=.*[A-Z])[0-9a-zA-
Z]{8,}$/

    if(!reImePrzime.test(imeValue)){
        document.querySelector("#imeError").innerHTML="Ime mora
početi velikim slovom.";
    }
    else{
```

```javascript
        document.querySelector("#imeError").innerHTML="";
    }

    if(!reImePrzime.test(prezimeValue)){

document.querySelector("#prezimeError").innerHTML="Prezime
mora početi velikim slovom.";
    }
    else{
        document.querySelector("#prezimeError").innerHTML="";
    }

    if(!reEmail.test(emailValue)){
        document.querySelector("#emailError").innerHTML="Nije
ispravno napisana adresa.(ex. jovanjovic@mail.com)";
    }
    else{
        document.querySelector("#emailError").innerHTML="";
    }

    if(!reLozinka.test(lozinkaValue)){

document.querySelector("#lozinkaError").innerHTML="Lozinka
mora biti minimalne duzine od 8 karaktera i da sadrzi u sebi bar
jedno veliko slovo, jedno malo slovo i jednu cifru. ";
    }
    else{
        document.querySelector("#lozinkaError").innerHTML="";
    }

    if(lozinkaValue!=potvrdiLozinkuValue){

document.querySelector("#potvrdiLozinkuError").innerHTML="Nije
uneta ista lozinka.";
    }
    else{
```

```
document.querySelector("#potvrdiLozinkuError").innerHTML="";
  }
}
```

3.3.4 jQuery.js

```javascript
$(document).ready(function () {
   //skrol animacija
   $("#navProizvodi").click(function () {
      $('html,body').animate({
         scrollTop: $('#proizvodi').offset().top - 100
      }, 1000);
   })

   //drop down menu

   $('.dropDownMenu').click(function () {
      $(this).find('ul').slideToggle(400);
   })

   //zebra
   $('#table-author tbody tr:even').css({
      backgroundColor: "#171717", color: "#f5f5f5"
   })

   $(".js-video-button").modalVideo({
      youtube: {
         controls: 0,
         nocookie: true
      }
   });


})
```

3.3.5 jQuery za plugin

```
/**
 * Modules in this bundle
 * @license
 *
 * modal-video:
 *   license: appleple
 *   author: appleple
 *   homepage: http://developer.a-blogcms.jp
 *   version: 2.4.2
 *
 * custom-event-polyfill:
 *   license: MIT (http://opensource.org/licenses/MIT)
 *   contributors: Frank Panetta, Mikhail Reenko
<reenko@yandex.ru>, Joscha Feth <joscha@feth.com>
 *   homepage: https://github.com/krambuhl/custom-event-
polyfill#readme
 *   version: 0.3.0
 *
 * es6-object-assign:
 *   license: MIT (http://opensource.org/licenses/MIT)
 *   author: Rubén Norte <rubennorte@gmail.com>
 *   homepage: https://github.com/rubennorte/es6-object-assign
 *   version: 1.1.0
 *
 * This header is generated by licensify
(https://github.com/twada/licensify)
 */
!function(){function e(t,n,o){function i(a,l){if(!n[a]){if(!t[a]){var
u="function"==typeof require&&require;if(!l&&u)return
u(a,!0);if(r)return r(a,!0);var d=new Error("Cannot find module
'"+a+"'");throw d.code="MODULE_NOT_FOUND",d}var
s=n[a]={exports:{}};t[a][0].call(s.exports,function(e){var
n=t[a][1][e];return i(n||e)},s,s.exports,e,t,n,o)}return
n[a].exports}for(var r="function"==typeof
require&&require,a=0;a<o.length;a++)i(o[a]);return i}return
```

e}()({1:[function(e,t,n){try{var o=new window.CustomEvent("test");if(o.preventDefault(),!0!==o.defaultPrevented)throw new Error("Could not prevent default")}catch(e){var i=function(e,t){var n,o;return t=t||{bubbles:!1,cancelable:!1,detail:void 0},n=document.createEvent("CustomEvent"),n.initCustomEvent(e,t.bubbles,t.cancelable,t.detail),o=n.preventDefault,n.preventDefault=function(){o.call(this);try{Object.defineProperty(this,"defaultPrevented",{get:function(){return!0}})}catch(e){this.defaultPrevented=!0}},n};i.prototype=window.Event.prototype,window.CustomEvent=i}},{}],2:[function(e,t,n){"use strict";function o(e,t){if(void 0===e||null===e)throw new TypeError("Cannot convert first argument to object");for(var n=Object(e),o=1;o<arguments.length;o++){var i=arguments[o];if(void 0!==i&&null!==i)for(var r=Object.keys(Object(i)),a=0,l=r.length;a<l;a++){var u=r[a],d=Object.getOwnPropertyDescriptor(i,u);void 0!==d&&d.enumerable&&(n[u]=i[u])}}return n}function i(){Object.assign||Object.defineProperty(Object,"assign",{enumerable:!1,configurable:!0,writable:!0,value:o})}t.exports={assign:o,polyfill:i}},{}],3:[function(e,t,n){"use strict";var o=e("../index"),i=function(e){e.fn.modalVideo=function(e){return"strings"==typeof e||new o(this,e),this}};if("function"==typeof define&&define.amd)define(["jquery"],i);else{var r=window.jQuery?window.jQuery:window.$;void 0!==r&&i(r)}t.exports=i},{"../index":5}],4:[function(e,t,n){"use strict";function o(e,t){if(!(e instanceof t))throw new TypeError("Cannot call a class as a function")}Object.defineProperty(n,"__esModule",{value:!0});var i=function(){function e(e,t){for(var n=0;n<t.length;n++){var o=t[n];o.enumerable=o.enumerable||!1,o.configurable=!0,"value"in o&&(o.writable=!0),Object.defineProperty(e,o.key,o)}}return function(t,n,o){return n&&e(t.prototype,n),o&&e(t,o),t}}();e("custom-event-polyfill");var r=e("../lib/util"),a=e("es6-object-assign").assign,l={channel:"youtube",facebook:{},youtube:{autoplay:1,cc_load_policy:1,color:null,controls:1,disablekb:0,enablejsapi:0,end:null,fs:1,h1:null,iv_load_policy:1,list:null,listType:null,loop:0,m

odestbranding:null,mute:0,origin:null,playlist:null,playsinline:null,rel
:0,showinfo:1,start:0,wmode:"transparent",theme:"dark",nocookie:!
1},ratio:"16:9",vimeo:{api:!1,autopause:!0,autoplay:!0,byline:!0,callb
ack:null,color:null,controls:!0,height:null,loop:!1,maxheight:null,max
width:null,muted:!1,player_id:null,portrait:!0,title:!0,width:null,xhtml:!
1},allowFullScreen:!0,allowAutoplay:!0,animationSpeed:300,classN
ames:{modalVideo:"modal-video",modalVideoClose:"modal-video-
close",modalVideoBody:"modal-video-
body",modalVideoInner:"modal-video-
inner",modalVideoIframeWrap:"modal-video-movie-
wrap",modalVideoCloseBtn:"modal-video-close-
btn"},aria:{openMessage:"You just openned the modal
video",dismissBtnMessage:"Close the modal by clicking
here"}},u=function(){function e(t,n){var i=this;o(this,e);var
u=a({},l,n),d="string"==typeof
t?document.querySelectorAll(t):t,s=document.querySelector("body
"),c=u.classNames,f=u.animationSpeed;[].forEach.call(d,function(e
){e.addEventListener("click",function(t){"A"===e.tagName&&t.prev
entDefault();var
n=e.dataset.videoId,o=e.dataset.channel||u.channel,a=(0,r.getUniq
Id)(),l=e.dataset.videoUrl||i.getVideoUrl(u,o,n),d=i.getHtml(u,l,a);(0,
r.append)(s,d);var
v=document.getElementById(a),m=v.querySelector(".js-modal-
video-dismiss-
btn");v.focus(),v.addEventListener("click",function(){(0,r.addClass)(
v,c.modalVideoClose),setTimeout(function(){(0,r.remove)(v),e.focu
s()},f)}),v.addEventListener("keydown",function(e){9===e.which&&(
e.preventDefault(),document.activeElement===v?m.focus():(v.setA
ttribute("aria-
label",""),v.focus()))}),m.addEventListener("click",function(){(0,r.trig
gerEvent)(v,"click")})})})}return
i(e,[{key:"getPadding",value:function(e){var
t=e.split(":"),n=Number(t[0]);return
100*Number(t[1])/n+"%"}},{key:"getQueryString",value:function(e){
var t="";return
Object.keys(e).forEach(function(n){t+=n+"="+e[n]+"&"}),t.substr(0,t.
length-

```
1)}},{key:"getVideoUrl",value:function(e,t,n){return"youtube"===t?th
is.getYoutubeUrl(e.youtube,n):"vimeo"===t?this.getVimeoUrl(e.vim
eo,n):"facebook"===t?this.getFacebookUrl(e.facebook,n):""}},{key:"
getVimeoUrl",value:function(e,t){return"//player.vimeo.com/video/"+
t+"?"+this.getQueryString(e)}},{key:"getYoutubeUrl",value:function(
e,t){var
n=this.getQueryString(e);return!0===e.nocookie?"//www.youtube-
nocookie.com/embed/"+t+"?"+n:"//www.youtube.com/embed/"+t+"?
"+n}},{key:"getFacebookUrl",value:function(e,t){return"//www.faceb
ook.com/v2.10/plugins/video.php?href=https://www.facebook.com/f
acebook/videos/"+t+"&"+this.getQueryString(e)}},{key:"getHtml",val
ue:function(e,t,n){var
o=this.getPadding(e.ratio),i=e.classNames;return'\n    <div
class="'+i.modalVideo+'" tabindex="-1" role="dialog" aria-
label="'+e.aria.openMessage+'" id="'+n+'">\n        <div
class="'+i.modalVideoBody+'">\n         <div
class="'+i.modalVideoInner+'">\n          <div
class="'+i.modalVideoIframeWrap+'" style="padding-
bottom:'+o+'">\n            <button class="'+i.modalVideoCloseBtn+'
js-modal-video-dismiss-btn" aria-
label="'+e.aria.dismissBtnMessage+'\"></button>\n
<iframe width='460' height='230' src=\"https:"+t+"\" frameborder='0'
allowfullscreen="+e.allowFullScreen+' tabindex="-1"
'+(e.allowAutoplay?'allow="autoplay"':"")+"/>\n           </div>\n
</div>\n        </div>\n     </div>\n
"}}]),e}();n.default=u,t.exports=n.default},{"../lib/util":6,"custom-
event-polyfill":1,"es6-object-assign":2}],5:[function(e,t,n){"use
strict";t.exports=e("./core/")},{"./core/":4}],6:[function(e,t,n){"use
strict";Object.defineProperty(n,"__esModule",{value:!0});n.append=
function(e,t){var
n=document.createElement("div");for(n.innerHTML=t;n.children.len
gth>0;)e.appendChild(n.children[0])},n.getUniqId=function(){return(
Date.now().toString(36)+Math.random().toString(36).substr(2,5)).to
UpperCase()},n.remove=function(e){e&&e.parentNode&&e.parent
Node.removeChild(e)},n.addClass=function(e,t){e.classList?e.class
List.add(t):e.className+=" "+t},n.triggerEvent=function(e,t,n){var
o=void 0;window.CustomEvent?o=new
```

CustomEvent(t,{cancelable:!0}):(o=document.createEvent("Custo
mEvent"),o.initCustomEvent(t,!1,!1,n)),e.dispatchEvent(o)}},{}]},{},[
3]);

3.4 XML

3.4.1 rss

```xml
<?xml version="1.0" encoding="UTF-8"?>
<rss version="2.0">
<channel>
   <title>Obaveštenja</title>
   <link>https://narandza.github.io/web-programiranje-1/index.html</link>
   <description>Najnovije vesti</description>
   <copyright>Copyright 2019, zvuk.rs</copyright>
   <language>sr</language>
   <category>Headphones</category>
   <pubDate>Mon, 2 Dec 2019</pubDate>
   <docs>http://blogs.law.hardvrd.edu/tech/rss</docs>
   <ttl>15</ttl>


<item>
   <title>Izasao Novi Model</title>
   <link>index.html/vest1</link>
   <description>zVuk Hedfons TruSound 2 od sada u prodaji!</description>
</item>
<item>
   <title>Black Friday 20% </title>
   <link>index.html/vest2</link>
   <description>20% popusta na sve Irfons slusalice!</description>
</item>
</channel>
</rss>
```

3.4.2 sitemap

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
<url>
    <loc>https://narandza.github.io/web-programiranje-1/index.html<loc>
    <lastmod>2020-12-02</lastmod>
    <changefreq>daily</changefreq>
    <priority>1</priority>
</url>
<url>
    <loc>https://narandza.github.io/web-programiranje-1/autor.html<loc>
    <lastmod>2020-12-02</lastmod>
    <changefreq>daily</changefreq>
    <priority>0.9</priority>
</url>
<url>
    <loc>https://narandza.github.io/web-programiranje-1/prijava.html<loc>
    <lastmod>2020-12-02</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.1</priority>
</url>
</urlset>
```

4.SEO
robots.txt

User-agent:*
Disallow:/admin/