**Visoka škola strukovnih studija za informacione
i komunikacione tehnologije**

Dokumentacija za sajt

Beatz

Web Programiranje 2

Smer: Internet Tehnologije

Student: Aleksandar Mićić

Datum: 24/04/2024

Sadržaj

1. Uvod

1.1 Korišćene Tehnologije

Za izradu sajta su korišćeni: HTML(5), CSS(3), jQuery, JavaScript i XML.
Za organizaciju je korišćen Bootstrap (grid sistem).

Okruženje: Visual studio code

1.2 Opis funkcionalnosti

1.   Dinamički ispisan sadržaj glavnog meni-ja
2.   Meni ima ugrađenu satnicu, čiji sadržaj menija (jela/pića i deskripcije) se menjaju u zavisnosti koliko je sati.
3.   Korišćenje regularnih izraza za unos imena i prezimena, očekuje se vrednost koja sadrži minimum 3 karaktera, a maksimum 20. A format je prvo veliko slovo i ostatak mala.
4.   Korišćenje regularnih izraza za unos email-a, očekuje se vrednost koja bilo koje veličine. A format je samo mala slova i cifre, i da se završi sa "gmail.com"
5.   Dropdown liste u formi, očekuje se od korisnika da izaberu jedno od ponuđenih opcija koje nije prva (početna) opcija.
6.   Taster submit je automatsko deaktivirana, sve dok korisnik ne klikne na "I agree and read the terms and conditions."
7.   Na klikom submit, postoji provera svih unetih informacija. Ako je jedna od informacija netacno unesena ili izabrana, ispod te forme će da se pojavi greška. Uspeno unošenje svih informacija, pokazuje je se poruka da je uspešno popunjena forma.
8.   Svi proizvodi su dinamički ispisani sa svim podacima napisan u json-u (postoji JSON za produkte, kategorije instrumenata i tipove instrumenata)
9. Filtriranje proizvoda po kategoriji, tipu, ceni, da li je pod akcijom ili ne…
10. Sortiranje proizvoda u zavisnosti od cene ili godina izdanja.
11. Search polje, za pretraživanje proizvoda.
12. Korpa koristeći LocalStorage za skladištenje podataka za korpu, i dinamički prikaz proizvoda u korpi.

2. Organizacija

2.1 Organizaciona šema
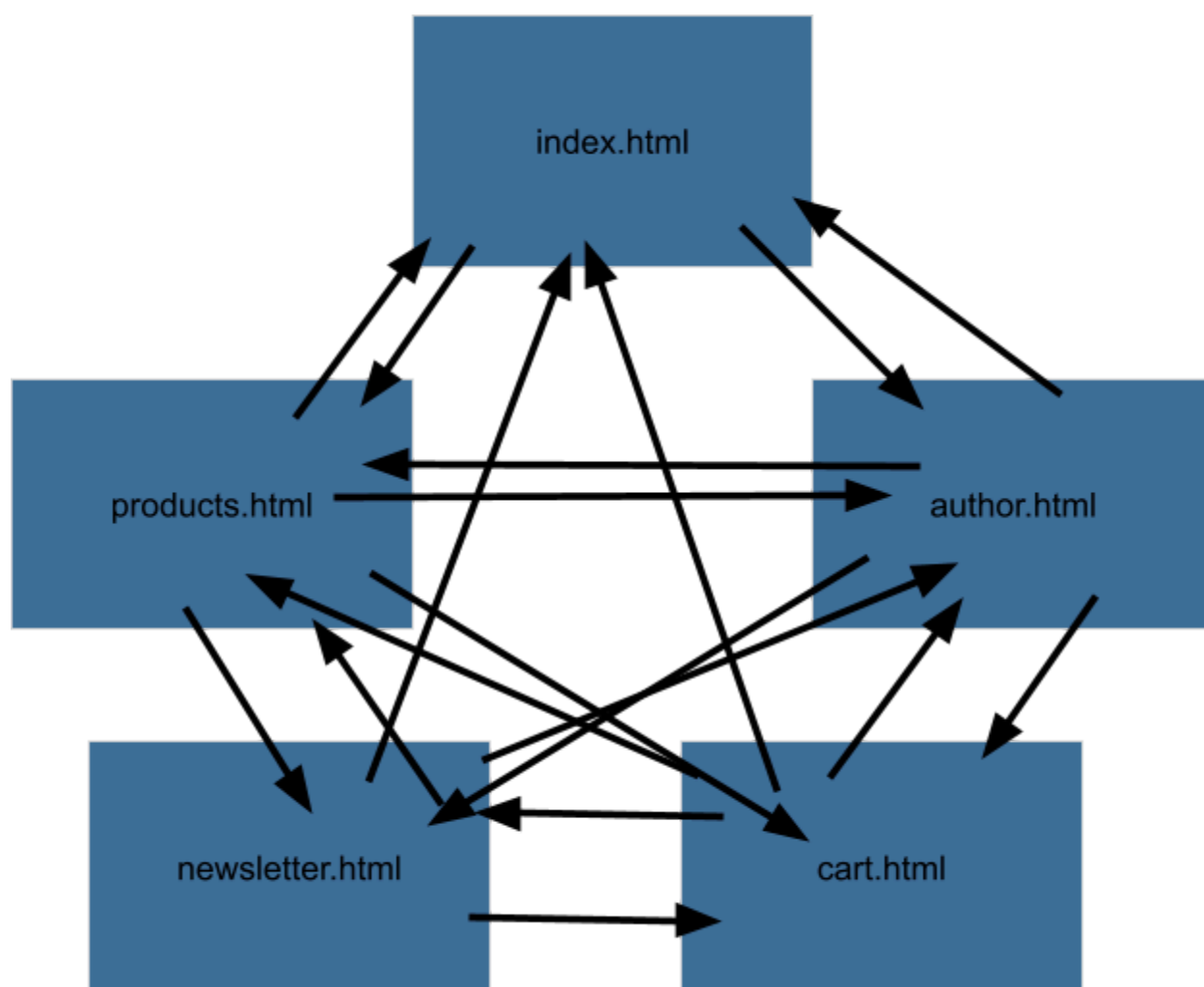
2.2 Mapa sajta

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
    <url>
        <loc>https://lacroux.000webhostapp.com/index.html</loc>
        <lastmod>2023-07-08</lastmod>
        <changefreq>daily<changefreq>
        <priority>1</priority>
    </url>
    <url>
        <loc>https://lacroux.000webhostapp.com/author.html</loc>
        <lastmod>2023-07-08</lastmod>
        <changefreq>monthly<changefreq>
        <priority>0.5</priority>
    </url>
</urlset>
```
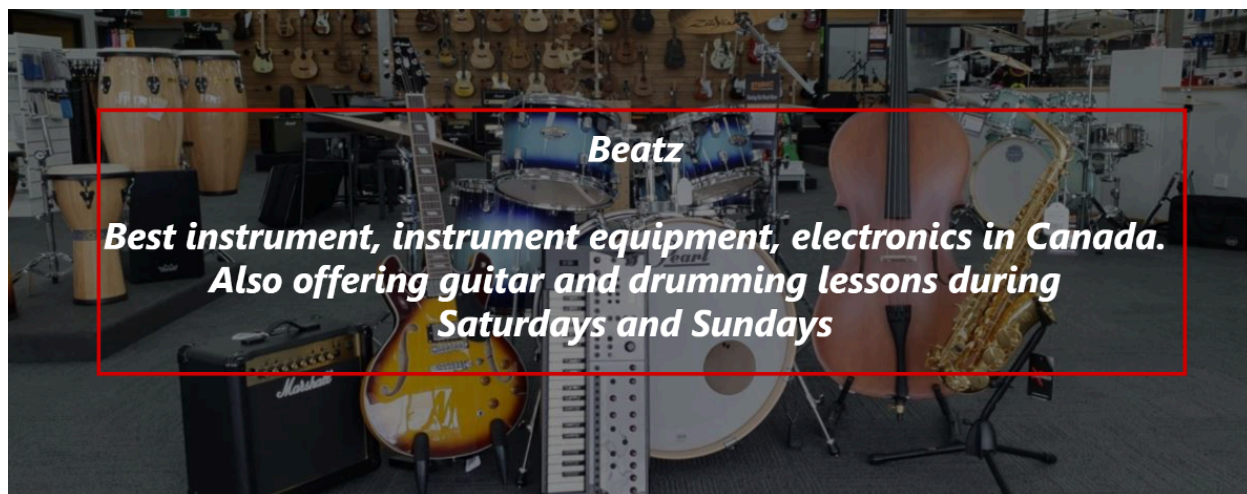
2.3 Opis i dizajn stranica sajta

2.3.1 Index stranica
Header

Beatz | Home Products Newsletter Author Documentation 🛒

Glavni header ima dva diva. Logo koji sadrzi sliku sajta i dinamički ispisan
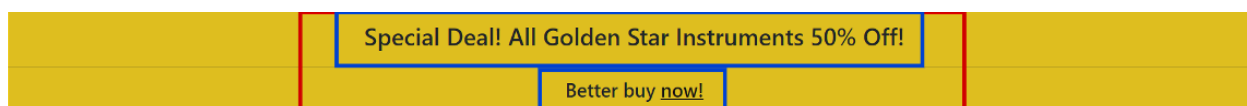
Intro

U Intro je nas uvodni tekst i kratka deskripcija šta biznis nudi

Action

U Action je kratka objašnjenje za trenutne ponude i link koji vodi ka products.html

Footer
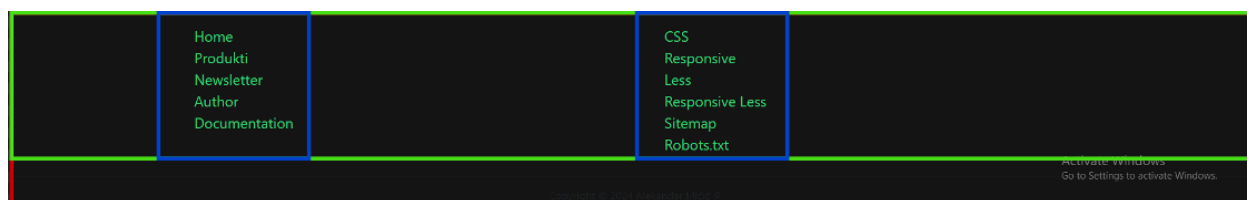
U Action je kratka objašnjenje za trenutne ponude i link koji vodi ka products.html

2.3.2 Products
Search
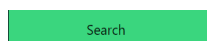
U Search sadrži polje za unos teksta i dugme. Ovo služi za pretragu proizvoda

Products

Products se sastoji od dva dela: Filterpodaci i Galerija.

FilterPodaci
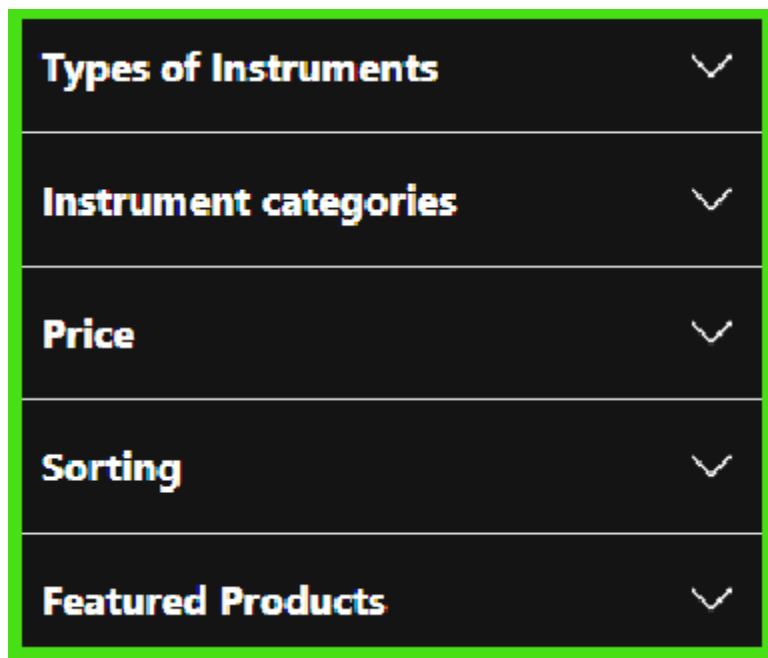
Filterpodaci je bootstrap Accordion koji sardži različite za filtriranje i sortiranje podata po želi korisnika.

Galerija
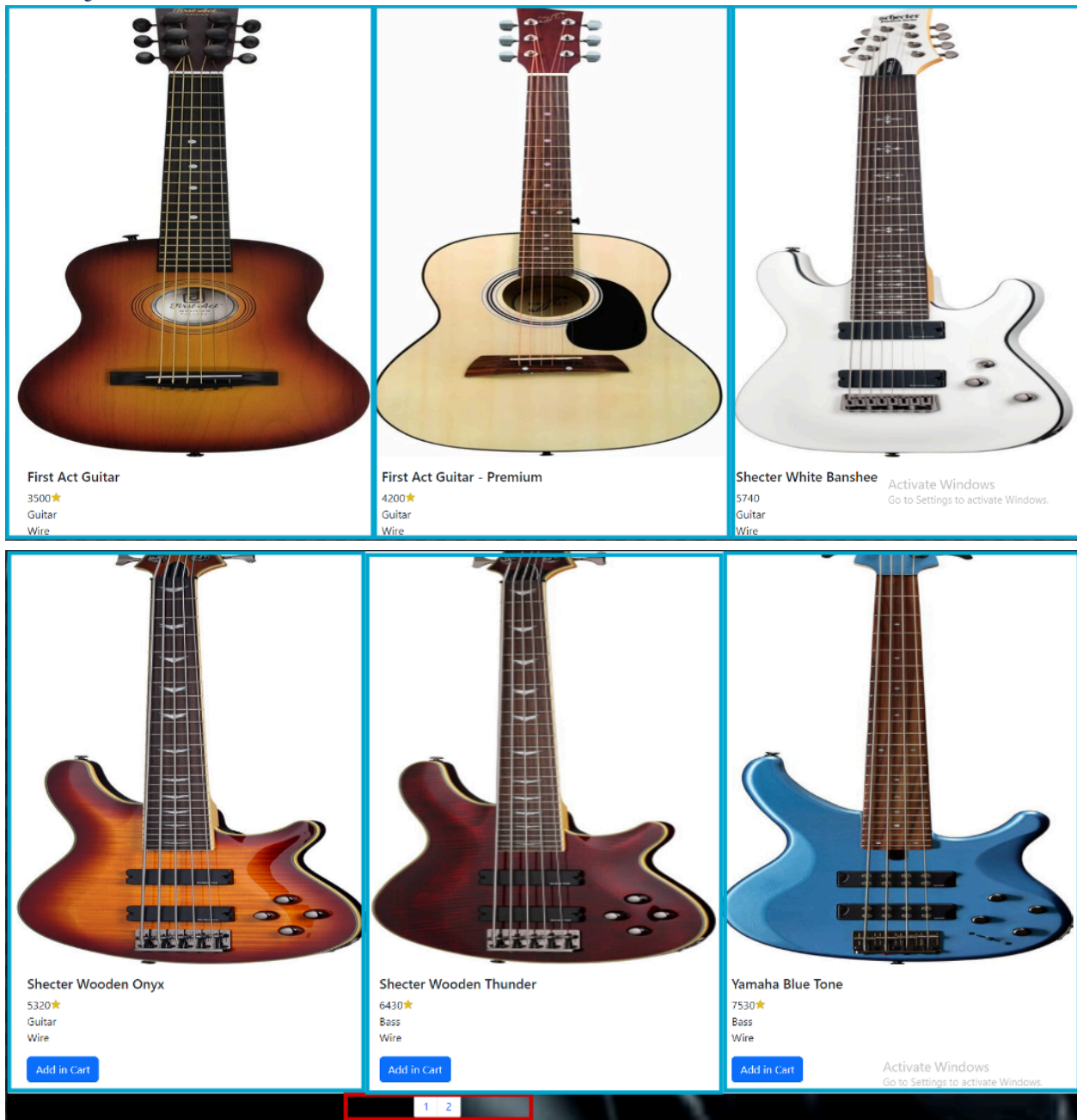
Galerija je dinamički ispisana galerija produkta. Raspoređene u bootstrap karte, postoji i karakteristika paginacije. Svaka strana proizvoda sadrži 6 proizvoda.
Galerija je dinamički menja na osnovu filtera ili pretrage koje korisnik daje.

2.3.3 Newsletter

Form

Forma se sastoji od:
Četiri polja za tekst
Dva radio batona za pol
Dropdown lista za biranje tip servisa
Jedan textarea za dodatne informacije
i submit button za unos/potvrdu forme.

2.3.4 Author

Author stranica je jednostavna stranica. Predstavlja kratak opis autora stranice sa biografijom. Sastoji se od h2 taga za naslov. Sliku i div sa biografijom autora.

2.3.5 Cart

Korpa se sastoji od tabele koja sadrži sliku proizvoda, ime, cena (uključujući sa količinom proizvoda u korpi), količina proizvoda, da li je artikal trenutno na akciji i dugme za izbacivanje proizvoda iz korpe.

Na mobilnim uređajima, umesto tabele je prosta kolona karte, koja ima sve iste podatke osim ispis da li je proizvod trenutno pod akcijom.

3. Kodovi

3.1.1 index.html

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta name="author" content="Alekandar Mićić 135/22"/>
        <meta name="description" content="Beatz is an instrument store originated
from Canada. They hold a great multitude of instruments used for modern day rock
genre bands, host lessons during weekends and hosts meetings with multiple
rockstars of old and new."/>
        <meta name="keywords" content="beatz, beats, instruments for sale, rock and
roll, roll">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">


        <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2H
N" crossorigin="anonymous">


        <link rel="stylesheet" href="assets/css/dist/main.css" type="text/css">
        <link rel="stylesheet" href="assets/css/dist/responsive.css"
type="text/css">
```

```
        <link href='https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css'
rel='stylesheet'/>
        <title>Beatz - Home Page</title>
    </head>


    <body>
      <header id="glavniheader" class="w-100">
      <nav class="navbar navbar-expand-lg bg-body-tertiary fixed-top w-100 px-3">
        <a class="navbar-brand" href="index.html">Beatz</a>
        <button class="navbar-toggler" type="button" data-bs-toggle="offcanvas"
data-bs-target="#navbarOffcanvasLg" aria-controls="navbarOffcanvasLg"
aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="offcanvas offcanvas-end px-4 py-2" tabindex="-1"
id="navbarOffcanvasLg" aria-labelledby="navbarOffcanvasLgLabel">
        <ul class="navbar-nav" id="headerlista">
        </ul>
        </div>
</nav>


    </header>
    <div id="intro" class="d-flex align-items-center justify-content-center">
      <div id="introtext">
        <em>
        <h1>
          Beatz
          <br>
          <br>

          Best instrument, instrument equipment, electronics in Canada.
          <br>

          Also offering guitar and drumming lessons during
          <br>
          Saturdays and Sundays
        </h1>
      </em>
      </div>
    </div>
        <div id="akcija" class="d-flex flex-column w-100">
          <div class="w-100 h-50 pt-3">
```

```html
            <h2 class="akcijatext text-center">Special Deal! All Golden Star
Instruments 50% Off!</h2>
            </div>
            <hr/>
            <div class="w-100 h-50 pb-2">
                <h3 class="akcijatext text-center">Better buy <a
href="products.html"><u>now!</u></a></h3>
            </div>
        </div>


        <footer class="d-flex flex-column">
            <div class="wrapper w-75 mx-auto mt-4">
                <div class="container-fluid">
                    <div class="row d-flex flex-row">
                    <nav class="col-sm col-6-xs">
                        <ul>
                            <li>
                                <a href="index.html">Home</a>
                            </li>
                            <li>
                                <a href="produkti.html">Produkti</a>
                            </li>
                            <li>
                                <a href="newsletter.html">Newsletter</a>
                            </li>
                            <li>
                                <a href="author.html">Author</a>
                            </li>
                            <li>
                                <a href="author.html">Documentation</a>
                            </li>
                        </ul>
                    </nav>
                    <nav class="col-sm col-6-xs">
                        <ul>
                            <a href="assets/css/dist/style.css"><li>CSS</li></a>
                            <a
href="assets/css/dist/responsive.css"><li>Responsive</li></a>
                            <a href="assets/css/style.less"><li>Less</li></a>
                            <a href="assets/css/responsive.less"><li>Responsive
Less</li></a>
                            <a href="sitemap.xml"><li>Sitemap</li></a>
                            <a href="robots.txt"><li>Robots.txt</li></a>
```

```html
                    </ul>
                </nav>
            </div>
        </div>
        </div>
        <hr/>
        <p class="text-center">Copyright &copy; 2024 Alekandar Mićić &reg;</p>
        </footer>
    <script src="https://code.jquery.com/jquery-3.7.1.slim.js"
integrity="sha256-UgvvN8vBkgO0luPSUl2s8TIlOSYRoGFAX4jlCIm9Adc="
crossorigin="anonymous"></script>
        <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js
"
integrity="sha384-C6RzsynM9kWDrMNeT87bh95OGNyZPhcTNXj1NW7RuBCsyN/o0jlpcV8Qyq46cDf
L" crossorigin="anonymous"></script>
        <script src="assets/javascript/main.js" type="text/javascript"></script>
    </body>
</html>
```

3.1.2 products.html

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta name="author" content="Alekandar Mićić 135/22"/>
        <meta name="description" content="Beatz is an instrument store originated
from Canada. They hold a great multitude of instruments used for modern day rock
genre bands, host lessons during weekends and hosts meetings with multiple
rockstars of old and new."/>
        <meta name="keywords" content="beatz, beats, instruments for sale, rock and
roll, roll">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2H
N" crossorigin="anonymous">
        <link rel="stylesheet" href="assets/css/dist/main.css" type="text/css">
        <link rel="stylesheet" href="assets/css/dist/responsive.css"
type="text/css">
        <link href='https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css'
rel='stylesheet'/>
    </head>
```

```html
    <body>
      <header id="glavniheader" class="w-100">
      <nav class="navbar navbar-expand-lg bg-body-tertiary fixed-top w-100 px-3">
        <a class="navbar-brand" href="index.html">Beatz</a>
        <button class="navbar-toggler" type="button" data-bs-toggle="offcanvas"
data-bs-target="#navbarOffcanvasLg" aria-controls="navbarOffcanvasLg"
aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
        </button>
        <div class="offcanvas offcanvas-end px-4 py-2" tabindex="-1"
id="navbarOffcanvasLg" aria-labelledby="navbarOffcanvasLgLabel">
          <ul class="navbar-nav" id="headerlista">
          </ul>
          </div>
</nav>
</header>
    <div id="forma" class="w-100 d-flex flex-column my-5 px-4 py-2">
      <div id="newsintro" class="mb-2">
        <h2 class="text-center">Interested in notifications about new sales,
instrument lessons during the weekends and special occassions with famous
rockstars? <br> Sign up now in our newsletter and get a 10% coupon on your next
free purchases at Beatz!</h2>
      </div>
        <form class="row g-3 mb-3">
            <div class="col-md-6">
              <label for="fname" class="form-label">First Name</label>
              <input type="text" class="form-control" id="fname" name="fname">
              <span class="greska"></span>
            </div>
            <div class="col-md-6">
              <label for="lname" class="form-label">Last Name</label>
              <input type="text" class="form-control" id="lname" name="lname">
              <span class="greska"></span>
            </div>
            <div class="col-md-6 col-12">
              <label for="email" class="form-label">Email</label>
              <input type="email" class="form-control" id="email" name="email">
              <span class="greska"></span>
            </div>
            <div class="col-md-6 col-12">
              <label for="natio" class="form-label w-50">Nationality</label>
              <input type="text" class="form-control" id="natio" name="natio">
```

```html
            <span class="greska"></span>
          </div>
          <div class="form-check col-12" id="genderrad">
            <label>Gender</label>
            <div class="form-check">
              <input class="form-check-input" type="radio" name="gender" id="M"
value="M">
              <label class="form-check-label" for="M">
                M
              </label>
            </div>
            <div class="form-check">
              <input class="form-check-input" type="radio" name="gender" id="F"
value="F">
              <label class="form-check-label" for="F">
                F
              </label>
            </div>
            <span class="greska"></span>
          </div>
          <div class="col-md-3 col-12 d-flex flex-column">
            <label for="newsizbor" class="form-label">Newsletter Topic</label>
           <select name="newsizbor" id="newsizbor">
              <option value="1">Select...</option>
              <option value="2">Instrument Lessons</option>
              <option value="3">Meetings and Events</option>
              <option value="4">Coupons and Specials</option>
           </select>
            <span class="greska"></span>
          </div>
          <div class="col-12">
            <textarea name="comment" id="comment" cols="30" rows="5"
placeholder="Additional comments/inquiries..." class="w-100 p-2"></textarea>
          </div>
            <div class="col-12">
              <button type="submit" class="btn btn-primary" name="submit"
id="submit">Send</button>
            </div>
        </form>
    </div>


    <div id="newsporuka">
```

```html
        </div>

        <footer class="d-flex flex-column">
          <div class="wrapper w-75 mx-auto mt-4">
            <div class="container-fluid">
              <div class="row d-flex flex-row">
            <nav class="col-sm col-6-xs">
              <ul>
                <li>
                <a href="index.html">Home</a>
                </li>
                <li>
                <a href="produkti.html">Produkti</a>
                </li>
                <li>
                  <a href="newsletter.html">Newsletter</a>
                </li>
                <li>
                  <a href="author.html">Author</a>
                </li>
                <li>
                  <a href="author.html">Documentation</a>
                </li>
              </ul>
            </nav>
            <nav class="col-sm col-6-xs">
              <ul>
                <a href="assets/css/dist/style.css"><li>CSS</li></a>
                <a
href="assets/css/dist/responsive.css"><li>Responsive</li></a>
                <a href="assets/css/style.less"><li>Less</li></a>
                <a href="assets/css/responsive.less"><li>Responsive
Less</li></a>
                <a href="sitemap.xml"><li>Sitemap</li></a>
                <a href="robots.txt"><li>Robots.txt</li></a>
              </ul>
            </nav>
          </div>
        </div>
        </div>
        <hr/>
        <p class="text-center">Copyright &copy; 2022 Alekandar Mićić &reg;</p>
        </footer>
```

```
        <script src="https://code.jquery.com/jquery-3.7.1.slim.js"
integrity="sha256-UgvvN8vBkgO0luPSUl2s8TIlOSYRoGFAX4jlCIm9Adc="
crossorigin="anonymous"></script>
        <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js
"
integrity="sha384-C6RzsynM9kWDrMNeT87bh95OGNyZPhcTNXj1NW7RuBCsyN/o0jlpcV8Qyq46cDf
L" crossorigin="anonymous"></script>
        <script src="assets/javascript/forma.js" type="text/javascript"></script>
        <script src="assets/javascript/main.js" type="text/javascript"></script>
    </body>
</html>
```

3.1.3 newsletter.html

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta name="author" content="Alekandar Mićić 135/22"/>
        <meta name="description" content="Beatz is an instrument store originated
from Canada. They hold a great multitude of instruments used for modern day rock
genre bands, host lessons during weekends and hosts meetings with multiple
rockstars of old and new."/>
        <meta name="keywords" content="beatz, beats, instruments for sale, rock and
roll, roll">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2H
N" crossorigin="anonymous">
        <link rel="stylesheet" href="assets/css/dist/main.css" type="text/css">
        <link rel="stylesheet" href="assets/css/dist/responsive.css"
type="text/css">
        <link href='https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css'
rel='stylesheet'/>
        <title>Beatz - Newsletter</title>
    </head>

    <body>
        <header id="glavniheader" class="w-100">
        <nav class="navbar navbar-expand-lg bg-body-tertiary fixed-top w-100 px-3">
        <a class="navbar-brand" href="index.html">Beatz</a>
```

```html
        <button class="navbar-toggler" type="button" data-bs-toggle="offcanvas"
data-bs-target="#navbarOffcanvasLg" aria-controls="navbarOffcanvasLg"
aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="offcanvas offcanvas-end px-4 py-2" tabindex="-1"
id="navbarOffcanvasLg" aria-labelledby="navbarOffcanvasLgLabel">
        <ul class="navbar-nav" id="headerlista">
        </ul>
        </div>
</nav>
</header>
    <div id="forma" class="w-100 d-flex flex-column my-5 px-4 py-2">
      <div id="newsintro" class="mb-2">
        <h2 class="text-center">Interested in notifications about new sales,
instrument lessons during the weekends and special occassions with famous
rockstars? <br> Sign up now in our newsletter and get a 10% coupon on your next
free purchases at Beatz!</h2>
      </div>
        <form class="row g-3 mb-3">
            <div class="col-md-6">
              <label for="fname" class="form-label">First Name</label>
              <input type="text" class="form-control" id="fname" name="fname">
              <span class="greska"></span>
            </div>
            <div class="col-md-6">
              <label for="lname" class="form-label">Last Name</label>
              <input type="text" class="form-control" id="lname" name="lname">
              <span class="greska"></span>
            </div>
            <div class="col-md-6 col-12">
              <label for="email" class="form-label">Email</label>
              <input type="email" class="form-control" id="email" name="email">
              <span class="greska"></span>
            </div>
            <div class="col-md-6 col-12">
              <label for="natio" class="form-label w-50">Nationality</label>
              <input type="text" class="form-control" id="natio" name="natio">
              <span class="greska"></span>
            </div>
            <div class="form-check col-12" id="genderrad">
              <label>Gender</label>
              <div class="form-check">
```

```html
                <input class="form-check-input" type="radio" name="gender" id="M"
value="M">
                  <label class="form-check-label" for="M">
                    M
                  </label>
                </div>
                <div class="form-check">
                  <input class="form-check-input" type="radio" name="gender" id="F"
value="F">
                  <label class="form-check-label" for="F">
                    F
                  </label>
                </div>
                <span class="greska"></span>
            </div>
            <div class="col-md-3 col-12 d-flex flex-column">
              <label for="newsizbor" class="form-label">Newsletter Topic</label>
             <select name="newsizbor" id="newsizbor">
                <option value="1">Select...</option>
                <option value="2">Instrument Lessons</option>
                <option value="3">Meetings and Events</option>
                <option value="4">Coupons and Specials</option>
             </select>
              <span class="greska"></span>
            </div>
            <div class="col-12">
              <textarea name="comment" id="comment" cols="30" rows="5"
placeholder="Additional comments/inquiries..." class="w-100 p-2"></textarea>
            </div>
              <div class="col-12">
                <button type="submit" class="btn btn-primary" name="submit"
id="submit">Send</button>
              </div>
          </form>
      </div>

      <div id="newsporuka">

      </div>


        <footer class="d-flex flex-column">
          <div class="wrapper w-75 mx-auto mt-4">
            <div class="container-fluid">
```

```html
            <div class="row d-flex flex-row">
          <nav class="col-sm col-6-xs">
            <ul>
              <li>
              <a href="index.html">Home</a>
              </li>
              <li>
              <a href="produkti.html">Produkti</a>
              </li>
              <li>
                <a href="newsletter.html">Newsletter</a>
              </li>
              <li>
                <a href="author.html">Author</a>
              </li>
              <li>
                <a href="author.html">Documentation</a>
              </li>
            </ul>
          </nav>
          <nav class="col-sm col-6-xs">
            <ul>
              <a href="assets/css/dist/style.css"><li>CSS</li></a>
              <a
href="assets/css/dist/responsive.css"><li>Responsive</li></a>
              <a href="assets/css/style.less"><li>Less</li></a>
              <a href="assets/css/responsive.less"><li>Responsive
Less</li></a>
              <a href="sitemap.xml"><li>Sitemap</li></a>
              <a href="robots.txt"><li>Robots.txt</li></a>
            </ul>
          </nav>
        </div>
      </div>
      </div>
      <hr/>
      <p class="text-center">Copyright &copy; 2022 Alekandar Mićić &reg;</p>
      </footer>
    <script src="https://code.jquery.com/jquery-3.7.1.slim.js"
integrity="sha256-UgvvN8vBkgO0luPSUl2s8TIlOSYRoGFAX4jlCIm9Adc="
crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js
```

```
"
integrity="sha384-C6RzsynM9kWDrMNeT87bh95OGNyZPhcTNXj1NW7RuBCsyN/o0jlpcV8Qyq46cDf
L" crossorigin="anonymous"></script>
        <script src="assets/javascript/forma.js" type="text/javascript"></script>
        <script src="assets/javascript/main.js" type="text/javascript"></script>
    </body>
</html>
```

3.1.4. author.html

```
<!DOCTYPE html>
<html>
    <head>
        <meta name="author" content="Alekandar Mićić 135/22"/>
        <meta name="description" content="Beatz is an instrument store originated
from Canada. They hold a great multitude of instruments used for modern day rock
genre bands, host lessons during weekends and hosts meetings with multiple
rockstars of old and new."/>
        <meta name="keywords" content="beatz, beats, instruments for sale, rock and
roll, roll">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">

        <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2H
N" crossorigin="anonymous">

        <link rel="stylesheet" href="assets/css/dist/main.css" type="text/css">
        <link rel="stylesheet" href="assets/css/dist/responsive.css"
type="text/css">
        <link href='https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css'
rel='stylesheet'/>
        <title>Beatz - Author's page</title>
    </head>
    <body>
        <header id="glavniheader" class="w-100">
        <nav class="navbar navbar-expand-lg bg-body-tertiary fixed-top w-100 px-3">
        <a class="navbar-brand" href="index.html">Beatz</a>
        <button class="navbar-toggler" type="button" data-bs-toggle="offcanvas"
data-bs-target="#navbarOffcanvasLg" aria-controls="navbarOffcanvasLg"
aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
        </button>
```

```html
        <div class="offcanvas offcanvas-end px-4 py-2" tabindex="-1"
id="navbarOffcanvasLg" aria-labelledby="navbarOffcanvasLgLabel">
        <ul class="navbar-nav" id="headerlista">
        </ul>
        </div>
</nav>


    </header>


    <h2 class="text-center" id="authorintro">Author's Page</h2>
    <div id="velikiwrapper2" class="w-100 d-flex flex-column
justify-content-center">
        <main class="mt-4 mx-auto" id="author">
            <div class="container-fluid">
            <div class="row">
                <div>
                    <div class="row">
                        <div class="col-md-4" id="slikaaut">
                            <img src="assets/slike/portret.jpg" class="card-img h-100"
alt="autorska">
                        </div>
                        <div class="col-md-8 pt-4 px-3" id="biografija">
                            <div>
                                <h2><strong>Aleksandar Mićić 135/22</strong></h2>
                            <p>
                                <p>Datum rođenja:</p>
                                    <p>19/03/2002</p>
                                <p>Programski Jezici:</p>
                                    <p>C, C++, HTML5, CSS3, XML, Javascript, Jquery</p>
                                <p>Biografija:</p>
                                    <p>
                                    Rođen sam na Savskom Vencu. Završio sam osnovnu
Školu Branko Radičević u Batajnici. Nakon toga sam pohađao Politehniku: srednju
Školu za visoke tehnologije, smer Robotika. Trenutno sam student ICT: visoke
Škole za internet i komunikacione tehnologije.
                                    </p>
                                    <p>Projekti ukljucuju: Svetnadzvezdama, Portfolio,
SpasAroundSerbia, La Croux.</p>
                                </div>
                            </p>
                        </div>
                    </div>
                </div>
```

```html
            </div>
        </div>
    </div>


<footer class="d-flex flex-column">
    <div class="wrapper w-75 mx-auto mt-4">
      <div class="container-fluid">
        <div class="row d-flex flex-row">
      <nav class="col-sm col-6-xs">
        <ul>
          <li>
            <a href="index.html">Home</a>
          </li>
          <li>
            <a href="produkti.html">Produkti</a>
          </li>
          <li>
            <a href="newsletter.html">Newsletter</a>
          </li>
          <li>
            <a href="author.html">Author</a>
          </li>
          <li>
            <a href="author.html">Documentation</a>
          </li>
        </ul>
      </nav>
      <nav class="col-sm col-6-xs">
        <ul>
          <a href="assets/css/dist/style.css"><li>CSS</li></a>
          <a href="assets/css/dist/responsive.css"><li>Responsive</li></a>
          <a href="assets/css/style.less"><li>Less</li></a>
          <a href="assets/css/responsive.less"><li>Responsive Less</li></a>
          <a href="sitemap.xml"><li>Sitemap</li></a>
          <a href="robots.txt"><li>Robots.txt</li></a>
        </ul>
      </nav>
    </div>
  </div>
  </div>
  <hr/>
  <p class="text-center">Copyright &copy; 2022 Alekandar Mićić &reg;</p>
  </footer>
```

```html
    <script src="https://code.jquery.com/jquery-3.7.1.slim.js"
integrity="sha256-UgvvN8vBkgO0luPSUl2s8TIlOSYRoGFAX4jlCIm9Adc="
crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js
"
integrity="sha384-C6RzsynM9kWDrMNeT87bh95OGNyZPhcTNXj1NW7RuBCsyN/o0jlpcV8Qyq46cDf
L" crossorigin="anonymous"></script>
    <script src="assets/javascript/main.js" type="text/javascript"></script>
    </body>
</html>
```

3.1.5 korpa.html

```html
<html>
    <head>
        <meta name="author" content="Alekandar Mićić 135/22"/>
        <meta name="description" content="Beatz is an instrument store originated
from Canada. They hold a great multitude of instruments used for modern day rock
genre bands, host lessons during weekends and hosts meetings with multiple
rockstars of old and new."/>
        <meta name="keywords" content="beatz, beats, instruments for sale, rock
and roll, roll">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">

        <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2H
N" crossorigin="anonymous">

        <link rel="stylesheet" href="assets/css/dist/main.css" type="text/css">
        <link rel="stylesheet" href="assets/css/dist/responsive.css"
type="text/css">
        <link href='https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css'
rel='stylesheet'/>
    </head>

    <body>
        <header id="glavniheader" class="w-100">
            <nav class="navbar navbar-expand-lg bg-body-tertiary fixed-top w-100
px-3">
                <a class="navbar-brand" href="index.html">Beatz</a>
```

```html
                <button class="navbar-toggler" type="button"
data-bs-toggle="offcanvas" data-bs-target="#navbarOffcanvasLg"
aria-controls="navbarOffcanvasLg" aria-label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="offcanvas offcanvas-end px-4 py-2" tabindex="-1"
id="navbarOffcanvasLg" aria-labelledby="navbarOffcanvasLgLabel">
                <ul class="navbar-nav" id="headerlista">
                </ul>
                </div>
        </nav>


        </header>

      <div id="korpaprikaz">

      </div>

      <div id="fonkorpa">

      </div>

      <div id="korpadugmici" class="w-100 d-flex justify-content-end px-3
py-2">
            <div class="d-flex w-25 align-items-baseline justify-content-evenly">
                <p>Total: <strong id="total"></strong></p>
                <button class="btn btn-danger empty">Empty Cart</button>
                <button class="btn btn-success order">Confirm Order</button>
            </div>
        </div>

        <footer class="d-flex flex-column">
            <div class="wrapper w-75 mx-auto mt-4">
              <div class="container-fluid">
                <div class="row d-flex flex-row">
                <nav class="col-sm col-6-xs">
                  <ul>
                    <li>
                      <a href="index.html">Home</a>
                    </li>
                    <li>
                      <a href="produkti.html">Produkti</a>
                    </li>
```

```html
          <li>
            <a href="newsletter.html">Newsletter</a>
          </li>
          <li>
            <a href="author.html">Author</a>
          </li>
          <li>
            <a href="author.html">Documentation</a>
          </li>
        </ul>
      </nav>
      <nav class="col-sm col-6-xs">
        <ul>
          <a href="assets/css/dist/style.css"><li>CSS</li></a>
          <a
href="assets/css/dist/responsive.css"><li>Responsive</li></a>
          <a href="assets/css/style.less"><li>Less</li></a>
          <a href="assets/css/responsive.less"><li>Responsive
Less</li></a>
          <a href="sitemap.xml"><li>Sitemap</li></a>
          <a href="robots.txt"><li>Robots.txt</li></a>
        </ul>
      </nav>
    </div>
  </div>
  </div>
  <hr/>
  <p class="text-center">Copyright &copy; 2024 Alekandar Mićić &reg;</p>
  </footer>
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js
"
integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeH
z" crossorigin="anonymous"></script>
  <script src="https://code.jquery.com/jquery-3.7.1.js"
integrity="sha256-eKhayi8LEQwp4NKxN+CfCh+3qOVUtJn3QNZ0TciWLP4="
crossorigin="anonymous"></script>
  <script src="assets/javascript/main.js"></script>
  <script src="assets/javascript/korpa.js"></script>
  </body>
</html>
```

3.2.1 main.less

```less
*{
    padding: 0px;
    margin: 0px;
    box-sizing: border-box;
}



//boje
@tamnosiva: #141414;
@zelena: #3ad67e;
@zlatna: #debe1f;

ul{
    list-style-type: none;
}

a{
    text-decoration: none;
}



#glavniheader{
    height:80px;
    .navbar{
    background-color: @tamnosiva !important;

    .navbar-brand{
        font-size: 32px;
        font-weight: bolder;
        background: -webkit-linear-gradient(rgb(58, 214, 126), rgb(222, 190,
31));
        background-clip: text;
        -webkit-text-fill-color: transparent;
    }

    #headerlista{
        justify-content: end !important;
    }


    }
    ul{
        li{
```

```less
            font-size: 22px;
            a{
                color: #3ad67e;
            }
        }
    }
}

#navbarOffcanvasLg{
    background-color: @tamnosiva !important;
}

#intro {
    position: relative;
    height: 800px;
    background-image: url("/assets/slike/intro.jpg");
    background-repeat: no-repeat;
    background-position: center;
    background-size: cover;
        #introtext {
        position: absolute;
        text-align: center;
        h1{
            color: white;
            font-size: 55px;
            font-weight: bold;
        }
      }
   }


body{
    background-image: url("/assets/slike/concert.jpg");
    background-repeat: no-repeat;
    background-size: cover;
}

#akcija{
    background-color: @zlatna;

    h2{
        font-size: 36px;
    }
```

```less
    h3{
        font-size: 29px;
        a{
            color: @tamnosiva;
        }
    }
}


#galerija{
    background-color: white;
}


.test{
    color: @zelena;
}


.accordion-button:not(.collapsed)::after {
    background-image: url("data:image/svg+xml,%3csvg
xmlns='http://www.w3.org/2000/svg' viewBox='0 0 16 16' fill='white'%3e%3cpath
fill-rule='evenodd' d='M1.646 4.646a.5.5 0 0 1 .708 0L8 10.293l5.646-5.647a.5.5 0
0 1 .708.708l-6 6a.5.5 0 0 1-.708 0l-6-6a.5.5 0 0 1 0-.708z'/%3e%3c/svg%3e");
}


.accordion-button.collapsed::after {
    background-image: url("data:image/svg+xml,%3csvg
xmlns='http://www.w3.org/2000/svg' viewBox='0 0 16 16' fill='white'%3e%3cpath
fill-rule='evenodd' d='M1.646 4.646a.5.5 0 0 1 .708 0L8 10.293l5.646-5.647a.5.5 0
0 1 .708.708l-6 6a.5.5 0 0 1-.708 0l-6-6a.5.5 0 0 1 0-.708z'/%3e%3c/svg%3e");
  }


.accordion-item, .accordion-button{
    background-color: @tamnosiva !important;

    input[type="checkbox"] {
        appearance: none;
        height: 15px;
        width: 15px;
        background-color: #fff;
        border-radius: 3px;
        bottom: 0px;
        margin: 0;
    }
```

```
    input[type="checkbox"]:checked {
        appearance: none;
        height: 15px;
        width: 15px;
        background-color: @zelena;
        border-radius: 3px;
        bottom: 0px;
        margin: 0;
    }

    strong{
        color:white;
    }

    label{
        color:white;
    }
}

#cena{
    appearance: none;
    padding: 1px;
    height: 18px !important;
    background: @tamnosiva;
    outline: none;
    border-radius: 20px;
    border: 1px solid @zelena;

}

#cena::-webkit-slider-thumb{
    appearance: none;
    width: 14px;
    height: 14px;
    border-radius: 75%;
    background: @zelena;
    cursor: pointer;
}

footer{
    background-color: @tamnosiva;
```

```less
    ul{
        li{
            font-size: 22px;


        }
    }

    a{

        color: @zelena
    }
}



#produktiprikaz{
    padding: 0px !important;
    .container-fluid{
        padding: 0px !important;
        .row{
            width: 100% !important;
        }
    }

    #search{
        height: 55px;
        background-color: @tamnosiva !important;
        border: 1px solid @zelena;
        button{
            background-color: @zelena;
            border:none;
            height: 100% !important;
            font-size: 20px;
        }
        input[type="text"]{
            height: 100%;
            border:none;

        }
    }



}

#forma{
    background-color: @tamnosiva;
    width:80% !important;
```

```less
        margin: 20px auto !important;
        label{
            color:@zelena;
        }
        border: 1px solid @zelena;

        h2{
            color:@zelena;
        }

        span{
            color: red;
        }

        input, textarea, select{
                border:none;
                border-radius: 4px;
                background-color: #e2e6e1;
        }

        input[type="radio"]:checked{
            background-color: @zelena;
        }
}

.greska{
    display: none;
}

.bxs-star{
    color: @zlatna;
}

.bxs-cart{
    color: @zelena;
}

#korpadugmici{
    background-color: #e2e6e1;
    border: 2px solid @tamnosiva;
}

#fonkorpa{
```

```less
    display: none;
}


#biografija{
    background-color: #e2e6e1;
}


#author{
    #slikaaut{
        padding: 0px !important;
    }
}
```

3.2.2 responsive.less

```less
@media only screen and (max-width: 1025px) {
    #glavniheader{
        height: 72px;
        ul{
            li{
                font-size: 20px !important;
            }
        }
    }

    #akcija{
        h2{
            font-size: 23px !important;
        }

        h3{
            font-size: 21px !important;
        }
    }

    #intro{
        #introtext{
            h1{
                font-size: 47px !important;
            }
        }
```

```css
    }

    #forma{
        width: 85% !important;
    }
}

@media only screen and (max-width: 769px) {
    #intro{
    #introtext{
        h1{
            font-size: 40px !important;
        }
    }
}

#forma{
    width: 100% !important;
    h2{
        font-size: 27px;
    }
}

#korpaprikaz{
    display: none;
}

#fonkorpa{
    display: block;
}
}

@media only screen and (max-width: 427px) {
    #introtext{
        h1{
            font-size: 30px !important;
        }
    }

    #forma{
        h2{
            font-size: 24px;
        }
```

```
        }
}
```

3.3.1 main.js

```javascript
var linkovi = ["Products", "Newsletter", "Author"];
var meni;


meni = '<ul class="nav navbar-nav"><li class="nav-item"><a href="index.html"
class="nav-link">Home</a></li>';
    for(var i=0; i<linkovi.length; i++){
        meni += '<li class="nav-item"><a href="'+linkovi[i]+'.html"
class="nav-link">' + linkovi[i] + '</a></li>';
    }
    meni += '<li class="nav-item"><a href="#" class="nav-link"> Documentation
</a></li>';
    meni += '<li class="nav-item"><a href="korpa.html" class="nav-link"> <i
class="bx bxs-cart"></i></a></li>'
meni += "</ul>";

document.querySelector("#headerlista").innerHTML = meni;
```

3.3.2. produkti.js

```javascript
let INSTRUMENTI;
let TIPOVI;
let KATEGORIJE;
const ITEMS_PER_PAGE = 6;

window.onload = () => {
    AsyncGalerija();

    $(document).on("click", ".tip", function() {
        KonstrukcijaInstrumenata(INSTRUMENTI, KATEGORIJE, TIPOVI, "#galerija");
    })

    $(document).on("click", ".kategorije", function() {
        KonstrukcijaInstrumenata(INSTRUMENTI, KATEGORIJE, TIPOVI, "#galerija");
```

```javascript
    })

    $(document).on("click", "#buttonsearch", function() {
        KonstrukcijaInstrumenata(INSTRUMENTI, KATEGORIJE, TIPOVI, "#galerija");
    })

    $(document).on("change", "#cena", function() {
        KonstrukcijaInstrumenata(INSTRUMENTI, KATEGORIJE, TIPOVI, "#galerija");
    })

    $(document).on("change", "#sort", function() {
        KonstrukcijaInstrumenata(INSTRUMENTI, KATEGORIJE, TIPOVI, "#galerija");
    })

    $(document).on("click", ".page-link", function(){
        let pageNumber = this.innerHTML;
        PagPrikaz(pageNumber)
    })

    $(document).on('click', '.fav', function(event){
        let instrumentID = $(this).data('id');
        let instrument = INSTRUMENTI.find(el => el.id == instrumentID)
        dodajuKorpu(instrumentID, instrument, event)
    })

}


function KonstrukcijaKategorijeTipova(kategorije, imediva, imeklase){
    let ispis = "";

    for(let kat of kategorije){
        ispis += `
        <div class="form-check">
        <label for="tip${kat.id}">${kat.naziv}</label>
        <input type="checkbox" class="${imeklase}" name="tip${kat.id}"
value=${kat.id}>
        </div>
        `
    }


    $(imediva).html(ispis);
}
```

```javascript
function ProveraTipaKategorije(katid, pretraga){
    for(let pret of pretraga){
        if(katid === pret.id){
            return pret.naziv;
        }
    }
}

function KonstrukcijaInstrumenata(instrumenti, kategorije, tipovi, imediva){
    let ispis = "";

    instrumenti = Filter(instrumenti, ".tip", 'tip');
    instrumenti = Filter(instrumenti, ".kategorije", 'kategorija');
    instrumenti = tekstFilter(instrumenti, "#instrumentsearch");
    instrumenti = cenaFilter(instrumenti, "#cena");

    instrumenti = Sort(instrumenti, "#sort");

    let pageNumber = 1;
    let pageQuota = 0;

    for(let inst of instrumenti){
        if(pageQuota === ITEMS_PER_PAGE){
            pageNumber++;
            pageQuota=0;
        }
        ispis += `<div data-id="${inst.id}" class="card instrument col-lg-4
col-md-6 col-12 border-0 strana-${pageNumber}">
        <img src="assets/slike/produkti/${inst.slika.src}" class="card-img-top"
alt="${inst.slika.alt}">
        <div class="card-body">
          <h5 class="card-title">${inst.naziv}</h5>
          <p class="card-text">
          ${inst.zvezdica == 0 ?
            inst.cena + `<i class='bx bxs-star'></i>`

            :

            inst.cena}
            <br/>
            ${ProveraTipaKategorije(inst.kategorija, kategorije)}
            <br/>
            ${ProveraTipaKategorije(inst.tip, tipovi)
            }</p>
```

```
            <input type="button" data-id="${inst.id}" class="fav btn btn-primary"
value="Add in Cart">
        </div>
      </div>`
      pageQuota++;
    }


    $(imediva).html(ispis);
    Paginacija(instrumenti.length);
    PagPrikaz(1);
}

function Filter(instrument, imehtml, podatak){
    let izabranitipovi = [];
    let check = $(imehtml);



    for(let ch of check){
        if(ch.checked){
            izabranitipovi.push($(ch).val());
        }
    }

    let filtriraniniz = izabranitipovi.length != 0 ? instrument.filter(inst =>
izabranitipovi.includes(String(inst[podatak]))) : instrument;

    return filtriraniniz;
}

function PagPrikaz(duzina){
    $('.instrument').hide()
    $(`.strana-${duzina}`).show();
}

function tekstFilter(instrumenti, imediva){

    let tekst = $(imediva).val().toLowerCase();

    let filtriraniniz = tekst != 0 ? instrumenti.filter(i =>
i.naziv.toLowerCase().includes(tekst)) : instrumenti;

    return filtriraniniz;
```

```javascript
}

function Sort(instrumenti, sort){
    let tipsort = $(sort);
    let sotiranniz;

    if(tipsort.val() == 'ASC'){
        sotiranniz = instrumenti.sort((x,y) => x.cena - y.cena)
    } else if(tipsort.val() == 'DESC'){
        sotiranniz = instrumenti.sort((x,y) => y.cena - x.cena)
    } else if(tipsort.val() == 'YASC'){
        sotiranniz = instrumenti.sort((x,y) => x.godina - y.godina)
    } else if (tipsort.val()=='YESC'){
        sotiranniz = instrumenti.sort((x,y) => y.godina - x.godina)
    } else{
        sotiranniz = instrumenti;
    }


    return sotiranniz;
}
function cenaFilter(instrumenti, imediva){

    let cena = $(imediva).val();

    let filtriraniniz = instrumenti.filter(i => i.cena > cena);

    return filtriraniniz;

}

function Paginacija(nizinstrumenata){
    let strane = Math.ceil(nizinstrumenata/ITEMS_PER_PAGE);
    let ispis = `<nav aria-label="Page navigation example">
                        <ul class="pagination">`;

    for(let i = 1; i <= strane; i++){
        ispis += `<li class="page-item"><a class="page-link" href="#"
active>${i}</a></li>`;
    }

    ispis += `</ul></nav>`
```

```javascript
    $('#pagination').html(ispis);
}

async function AsyncGalerija(){
    let instrumentfetch = await fetch("assets/json/produkti.json");
    let instrumenti = await instrumentfetch.json();

    let kategorijefetch = await fetch("assets/json/kategorije.json");
    let kategorije = await kategorijefetch.json();

    let tipovifetch = await fetch("assets/json/tipovi.json");
    let tipovi = await tipovifetch.json();

    INSTRUMENTI = instrumenti;
    TIPOVI = tipovi;
    KATEGORIJE = kategorije;

    KonstrukcijaKategorijeTipova(tipovi, "#tipovich", "tip");
    KonstrukcijaKategorijeTipova(kategorije, "#kategorijech", "kategorije");
    KonstrukcijaInstrumenata(instrumenti, kategorije, tipovi, "#galerija");
}

//korpa
function postaviULocalStorage(korpa, produkt){
    localStorage.setItem(korpa, JSON.stringify(produkt));
}

function dohvatiizLS(korpa){
    return JSON.parse(localStorage.getItem(korpa));
}

function dodajuKorpu(id, instrument, event){
    if(dohvatiizLS('korpa')){
        let korpa = dohvatiizLS('korpa');

        if(korpa.find(c => c.id == id)){
            let instrument = korpa.find(inst => inst.id == id)
            instrument.kolicina++;
        }else{
            let prviprodukt = {
                id: id,
                kolicina: 1
            }
```

```
            korpa.push(prviprodukt)
        }
        postaviULocalStorage('korpa', korpa);
    }else{
        let produkt = {
            id: id,
            kolicina: 1
        }

        postaviULocalStorage('korpa', [produkt])
    }
}


function rangepodaci(){
    let min = document.querySelector("#minp");
    let max = document.querySelector("#maxp");
    let cena = document.querySelector("#cena");

    min.textContent = cena.value;
    max.textContent = cena.max;
}

rangepodaci();

function promenacene(vrednost){

    let min = document.querySelector("#minp");

    min.textContent = vrednost;

}
```

3.3.3 korpa.js

```
let INSTRUMENTI;

window.onload = () => {
    AsyncGalerija();

    $(document).on("click", ".odkloni", function(){
        IzbaciizKorpe($(this).data("id"));
```

```javascript
        let button = $(this).closest("tr");

        let fonbutton = $(this).closest(".card");

        button.css("display", "none");

        fonbutton.css("display", "none");
    })
}

var total = 0;

function displaykorpa(korpa, instrumenti){

    let korpaprikaz = JSON.parse(localStorage.getItem(korpa));

    let fonispis = `<div class="w-100 d-flex flex-column px-5 py-2">`

    let ispis = `<table class="table" border>
                        <thead>
                            <tr>
                                <th scope="col">Product</th>
                                <th scope="col">Name</th>
                                <th scope="col">Total Price</th>
                                <th scope="col">Quantity</th>
                                <th scope="col">Golden Star?</th>
                                <th scope="col"></th>
                            </tr>
                        </thead>
                    <tbody>`;

    korpaprikaz.forEach(inst => {
        let instrument = instrumenti.find(p => p.id == inst.id)
        total += instrument.cena * inst.kolicina;
        ispis += `<tr>
        <td>
        <img src="assets/slike/produkti/${instrument.slika.src}"
alt="${instrument.slika.alt}" class="w-25"/>
    </td>
                        <td>${instrument.naziv}</td>
                        <td>${instrument.cena * inst.kolicina}</td>
                        <td>${inst.kolicina}</td>
```

```
                        <td>${instrument.zvezdica == 0 ?
                            'Yes'
                            :
                            'No'}</td>
                    <td>
                        <a href="#" class="btn btn-danger odkloni"
data-id="${instrument.id}">Remove</a>
                    </td>
                </tr>`

        fonispis += `<div data-id="${instrument.id}" class="card instrument col
mb-4 border-0">
        <img src="assets/slike/produkti/${instrument.slika.src}"
class="card-img-top" alt="${instrument.slika.alt}">
        <div class="card-body">
            <h5 class="card-title">${instrument.naziv}</h5>
            <p class="card-text">
            ${instrument.cena}
                <br/>
                ${inst.kolicina}
                </p>
                <a href="#" class="btn btn-danger odkloni"
data-id="${instrument.id}">Remove</a>
        </div>
    </div>`;

    })

    ispis += '</tbody></table>'

    $('#korpaprikaz').html(ispis);
    $('#total').html(total);

    $('#fonkorpa').html(fonispis);
}

async function AsyncGalerija(){
    let instrumentfetch = await fetch("assets/json/produkti.json");
    let instrumenti = await instrumentfetch.json();

    INSTRUMENTI = instrumenti;

    displaykorpa('korpa', instrumenti);
```

```
}

function postaviULocalStorage(korpa, produkt){
    localStorage.setItem(korpa, JSON.stringify(produkt));
}



function dohvatiizLS(korpa){
    return JSON.parse(localStorage.getItem(korpa));
}

function IzbaciizKorpe(instrument){
    let cart = dohvatiizLS('korpa');

    let removekorpa = cart.filter(el => el.id != instrument);
    postaviULocalStorage('korpa', removekorpa);


}
```

3.3.4. forma.js

```
let dugmesubmit = document.querySelector("#submit");
dugmesubmit.addEventListener("click", provera);

function provera(event){

    event.preventDefault();

    var greskabrojac = 0;
    let ime, prezime, email, nation, pol;
    ime = document.querySelector("#fname");
    prezime = document.querySelector("#lname");
    email = document.querySelector("#email");
    nation = document.querySelector("#nationality");
    pol = document.getElementsByName("gender")

    var dugmence = document.querySelector("#butoni")

    console.log(ime.value);
    console.log(prezime.value);

    const regimeprezime = /^[A-Z][a-z]{2,20}$/;
    const regemail = /^[a-z\d]+.(gmail.com|yahoo.com)$/
```

```javascript
    if(!regimeprezime.test(ime.value)){
        ime.nextElementSibling.classList.remove("greska");
        ime.nextElementSibling.innerHTML = "The first name submitted is written
incorrectly."
        greskabrojac++;
    } else{
        ime.nextElementSibling.innerHTML = "";
    }


    if(!regimeprezime.test(prezime.value)){
        prezime.nextElementSibling.classList.remove("greska");
        prezime.nextElementSibling.innerHTML = "The last name submitted is
written incorrectly."
        greskabrojac++;
    } else{
        prezime.nextElementSibling.innerHTML = "";
    }


    if(!regemail.test(email.value)){
        email.nextElementSibling.classList.remove("greska");
        email.nextElementSibling.innerHTML = "The email submitted is written
incorrectly."
        greskabrojac++;
    } else{
        email.nextElementSibling.innerHTML = "";
    }
    for(let i=0; i<pol.length; i++){
        if(pol[i].checked!=true){
            pol.nextElementSibling.classList.remove("greska");
            pol.nextElementSibling.innerHTML = "Please select a valid number of
people."
            greskabrojac++
        }
        else{
            pol.nextElementSibling.innerHTML = ""
        }
    }
}
```