

Висока школа информaционих и телекомуникационих технологија,
Београд

The Mello

<https://mello123.000webhostapp.com/index.html>

Предмет: Web програмирање 2

Студент: Игор Ранковић

Број индекса: 50/14

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1.0 Увод

1.1 Коришћени програмски језици

За израду овог вебсајта су коришћени:

- HTML 5
- CSS 3
- Javascript
- jQuery
- JSON
- AJAX
- Visual Studio Code

1.2 Опис функционалности

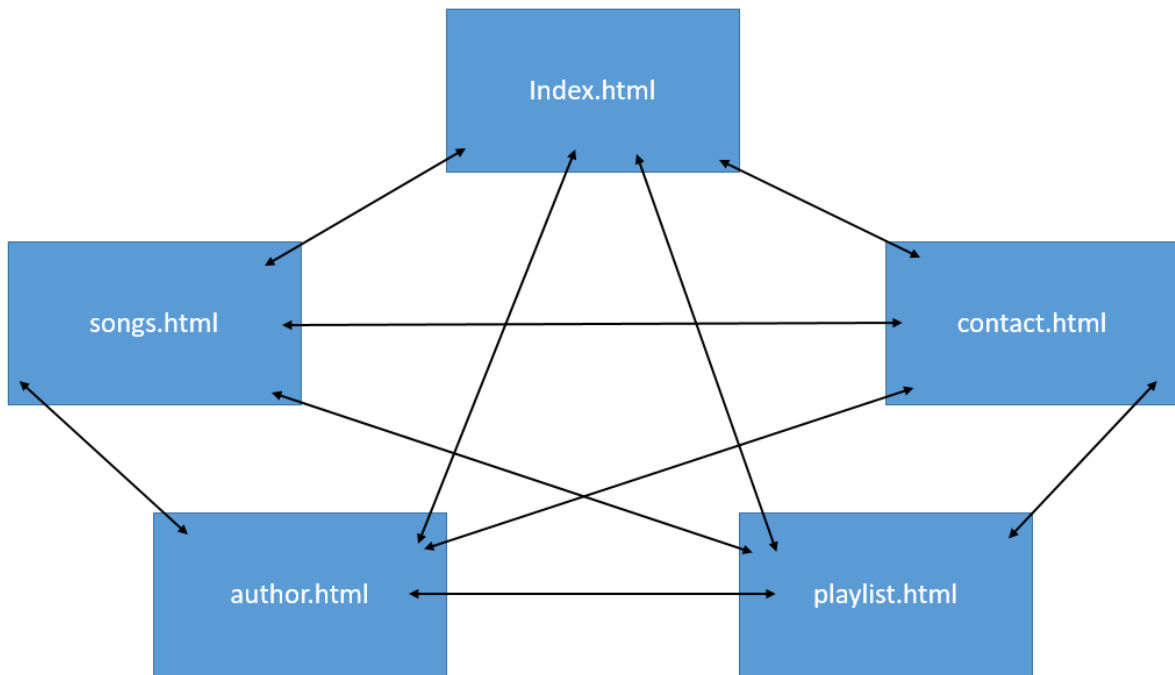
Сајт омогућава слушање различитих жанрова електронске музике. На свакој страници се динамички учитава навигација путем Ајах-а, жанрови и њихови описи, као и песме са додатним информацијама.

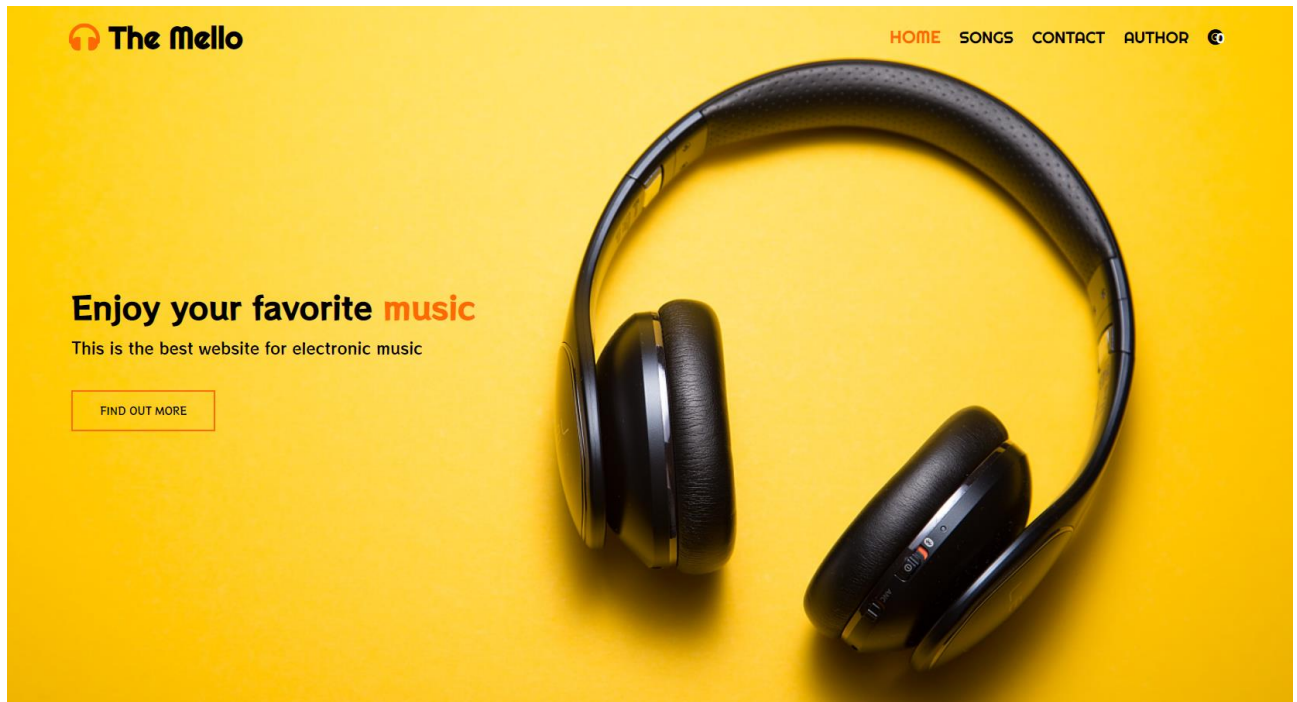
Омогућено је филтрирање песама по жанру, сортирање по називу и години издања, претрага песама по називу и извојачу. Филтер по жанровима се може обрисати кликом на тастер. Корисник може креирати своју плејлисту кликом на тастер у облику срца. Када се песма дода у плејлисту, приказује се модал који пружа информације да ли је песма унета или се већ налази у плејлисти.

Плејлиста омогућава преслушавање одабраних песама. Кориснику се приказује укупно трајање свих песама које се налазе у плејлисти. Песма се може уклонити из плејлисте кликом на тастер „-“, а цела плејлиста се може обрисати кликом на тастер „Delete playlist“.

Приказани су основни подаци у аутору сајта.

Уколико корисник жели да контактира аутора, омогућена је и контакт форма.







Learn more about your favorite music genre

Electronic music is music that employs electronic musical instruments, digital instruments, or circuitry-based music technology in its creation. It includes both music made using electronic and electromechanical means (electroacoustic music).

Pure electronic instruments depended entirely on circuitry-based sound generation, for instance using devices such as an electronic oscillator, theremin, or synthesizer.

Electromechanical instruments can have mechanical parts such as strings, hammers, and electric elements including magnetic pickups, power amplifiers and loudspeakers. Such electromechanical devices include the telharmonium, Hammond organ, electric piano and the electric guitar.



Genres

House

Deep House

Progressive House

Drum and Bass

Find your favorite song:

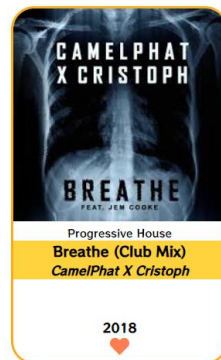
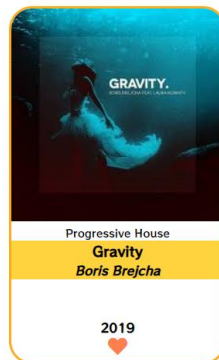
Search

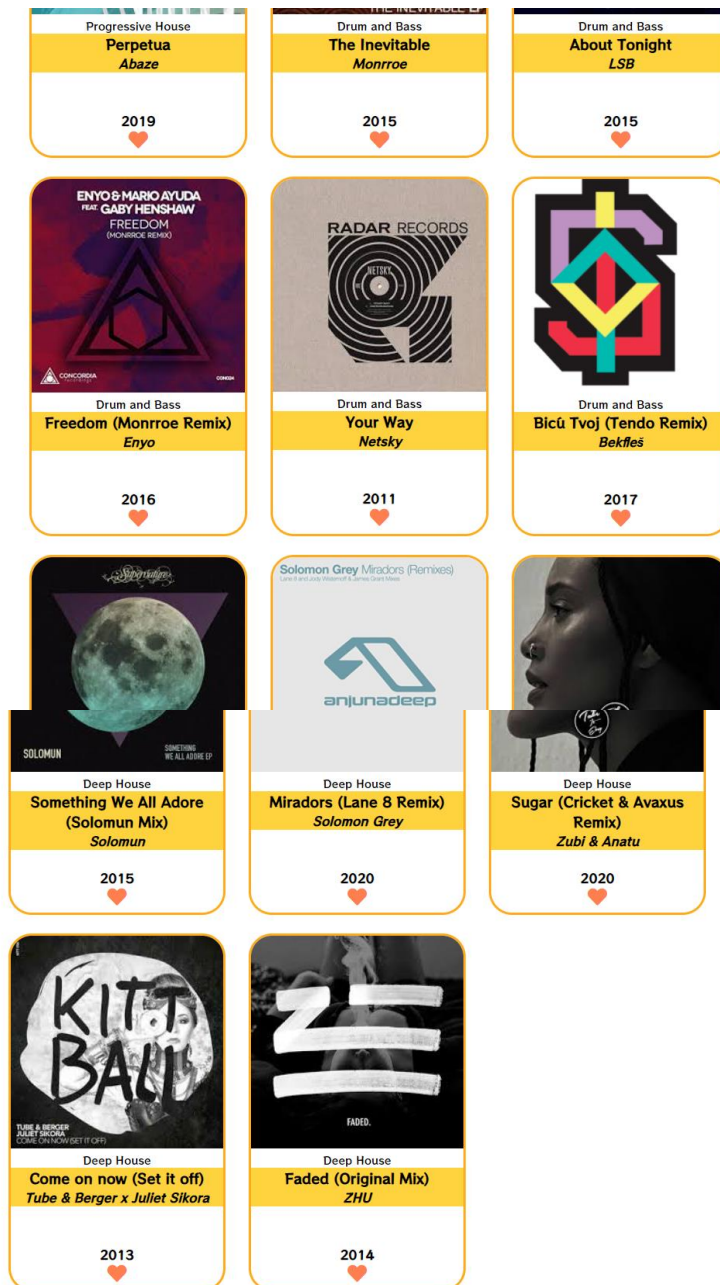
Sort By:

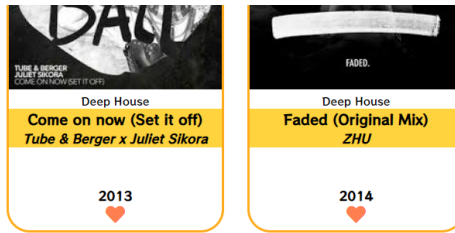
Filter by genre:

- ☐ House (5)
- ☐ Deep House (5)
- ☐ Progressive House (5)
- ☐ Drum and Bass (5)

[Remove filters](#)







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Contact Us

First Name *

Last Name *

Email address *

What is your favorite music genre? *

Subject *

 Send

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Enjoy your playlist!


Playlist duration: 16min 51sec

Delete Playlist




1.Eric Prydz - Pjanoo

0:00 / 6:22



2.John Summit - Deep End (SIDEPIECE Remix)

0:00 / 3:16



3.Vintage Culture - It Is What It Is (Club Mix)

0:00 / 6:13

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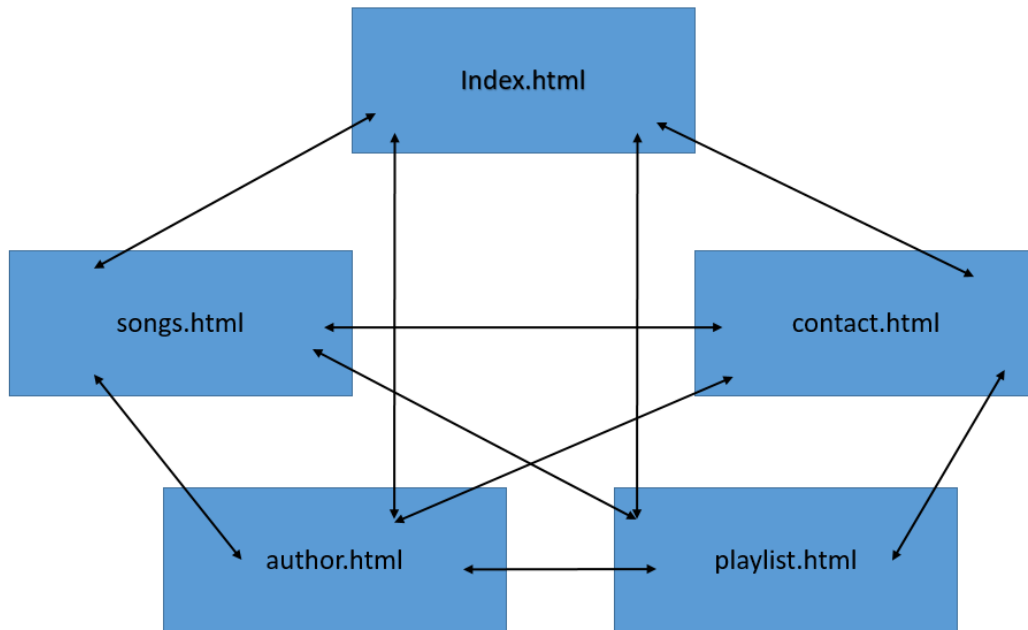


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2.0 Организација

2.1 Организациона шема



3.0 Сlike страница и опис функционалности

3.1 index.html

На овој страници страници се кликом на дугме „Find out more“ фокус помера на секцију о основним информацијама о електронској музици. Кликом на наслов „Learn more about your favorite genre“ се фокус помера на секцију са блоковима са именима жанрова који су динамички исписани из фајла „genres.json“. Кликом на неки од ових жанрова, испод ће се приказати додатне информације за тај жанр које се такође исписују из фајла „genres.json“.

Enjoy your favorite **music**

This is the best website for electronic music

[FIND OUT MORE](#)



Learn more about your favorite music genre

Electronic music is music that employs electronic musical instruments, digital instruments, or circuitry-based music technology in its creation. It includes both music made using electronic and electromechanical means (electroacoustic music).

Pure electronic instruments depended entirely on circuitry-based sound generation, for instance using devices such as an electronic oscillator, theremin, or synthesizer.

Electromechanical instruments can have mechanical parts such as strings, hammers, and electric elements including magnetic pickups, power amplifiers and loudspeakers. Such electromechanical devices include the telharmonium, Hammond organ, electric piano and the electric guitar.



Genres

House

Deep House

Progressive House

Drum and Bass

House is a genre of electronic dance music characterized by a repetitive four-on-the-floor beat and a tempo of 120 to 130 beats per minute. It was created by DJs and music producers from Chicago's underground club culture in the 1980s, as DJs from the subculture began altering disco songs to give them a more mechanical beat and deeper basslines. The genre was pioneered by DJs and producers mainly from Chicago and New York such as Frankie Knuckles, Larry Levan, Ron Hardy, Jesse Saunders, Chip E., Steve 'Silk' Hurley, Mr. Lee, Farley 'Jackmaster' Funk, Marshall Jefferson, Phuture and others. From its beginnings in the Chicago club and local radio scene, the genre expanded internationally to London, then to other American cities such as New York City and Detroit before becoming a worldwide phenomenon. House has had a large impact on pop music, especially dance music. It was incorporated by major pop artists including Janet Jackson, Madonna and Kylie Minogue, but also produced some mainstream hits on its own, such as 'French Kiss' by Lil Louis (1989), 'Show Me Love' by Robin S. (1992) or 'Push the Feeling On' by Nightcrawlers (1992/1995). Many house producers also did and continue to do remixes for pop artists. Until today, house music has remained popular on radio and in clubs while retaining a foothold on the underground scenes across the globe.

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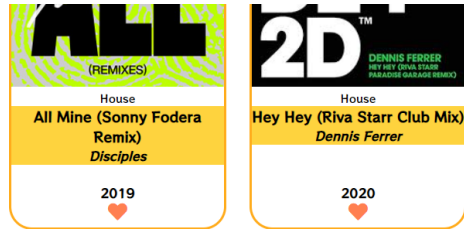
3.2 songs.html

На овој страници се налазе све доступне песме, учитани Ајах-ом из фајла „songs.json“.

Песме се могу претраживати по називу и извојачу, сортирати по називу и години издања растуће и опадајуће, као и филтрирати на основу жанра. Кликом на дугме „Remove filters“ се брише филтер по жанровима.

Песме се уносе у плејлисту кликом на тастер у облику срца и корисник је путем модала обавештен да је успешно унео песму. Уколико се песма већ налази у плејлисти, неће се поново унети и исписаће се порука кориснику путем модала.

The screenshot displays the 'The Mello' website interface. At the top, a yellow navigation bar contains the logo and links for HOME, SONGS, CONTACT, and AUTHOR. The main content area is divided into two sections. On the left, a sidebar with a yellow background provides search and filter options: a search bar, a 'Sort By' dropdown menu, and a 'Filter by genre' section with checkboxes for House (5), Deep House (5), Progressive House (5), and Drum and Bass (5). A 'Remove filters' button is located at the bottom of the sidebar. On the right, a grid of five song cards is displayed. Each card features a cover image, the song title, artist name, genre, and release year, along with a heart icon for adding to the playlist. The cards shown are: 'Pjanoo' by Eric Prydz (House, 2008), 'Deep End (SIDEPIECE Remix)' by John Summit (House, 2020), 'It Is What It Is (Club Mix)' by Vintage Culture (House, 2020), 'ALL' by Disciples x EVELAR, and 'HEY D24' by HEY.



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3.3. contact.html

Путем контакт странице је могуће контактирати администратора сајта и послати му жељену поруку. Уколико неко поље није попуњено на одговарајући начин, корисник ће о томе бити обавештен. Након правилно попуњених података и кликом на тастер „Send“, испод тастера се појављује порука о успећу слања.

HOME SONGS **CONTACT** AUTHOR 

Contact Us

First Name *

Igor

Last Name *

Rankovic

Email address *

igor@ict.edu.rs

What is your favorite music genre? *

House

Subject *

Send

Your message has been send

Fast Links

HOME

SONGS







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3.4 author.html

На овој страници се налазе основни подаци о аутору сајта.

HOME SONGS CONTACT **AUTHOR** €



Igor Rankovic*

Broj indeksa: 50/14

Smer: Internet tehnologije

Mesto: Pančevo

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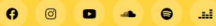
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3.5 playlist.html


На овој страници се налазе све песме које је корисник изабрао на страници „songs.html“. Приказује се укупно трајање свих песама у плејлисти, као и тастер за брисање исте.

Кликом на дугме „Play“, кориснику је омогућено преслушавање жељене песме. Поред тога, појединачно брисање песме се може извршити кликом на тастер „-“. Уколико у плејлисти нема песама, кориснику ће бити исписана порука.



HOME SONGS CONTACT AUTHOR 


Enjoy your playlist!


Playlist duration: 16min 51sec Delete Playlist





1.Eric Prydz - Pjanoo


0:00 / 6:22  








2.John Summit - Deep End (SIDEPIECE Remix)


0:00 / 3:16  





3.Vintage Culture - It Is What It Is (Club Mix)







0:00 / 6:13  




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4.0 Кодови

4.1 HTML

4.1.1 index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="keywords" content="web design, web programming, visoka ict, igor rankovic, mello, music, genres">
  <meta name="description" content="Website about electronic music">
  <meta name="author" content="mailto:igor.rankovic.50.14@ict.edu.rs">
  <meta name="copyright" content="Igor Rankovic @ 2021." />
  <title>Mello | Home</title>
  <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.1/css/all.css" integrity="sha384-
vp86vTRFVJgpjF9jiIGPEEqYqlDwgyBgEF109VFjmqGmIY/Y4HV4d3Gp2irVfcrp" crossorigin="anonymous">
  <link rel="preconnect" href="https://fonts.gstatic.com">
  <link rel="shortcut icon" href="assets/img/note.ico" type="image/x-icon">
  <link href="https://fonts.googleapis.com/css2?family=RocknRoll+One&display=swap" rel="stylesheet">
  <link rel="stylesheet" href="assets/css/style.css">
</head>
<body>
  <!-- Header starts -->
  <header class="header">
    <nav>
      <h1><a href="index.html"><i class="fas fa-headphones org"></i> The Mello</a></h1>
      <ul class="nav-links" id="navLinks">
        <!-- Dinamicki ispis navigacionog menija is json-a -->
      </ul>
      <div class="burger">
        <span class="line line1"></span>
        <span class="line line2"></span>
        <span class="line line3"></span>
      </div>
    </nav>
  </header>
  <!-- Header ends -->

  <main>
```



```

<!-- Section cover starts -->
<section class="cover">
  <div class="text-box">
    <h1>Enjoy your favorite <span class="org">music</span></h1>
    <p>This is the best website for electronic music</p>
    <a href="" class="find-btn">Find out more</a>
  </div>
</section>
<!-- Section cover ends -->

<!-- Section about starts -->
<section class="about background-img">
  <div class="container">
    <a href="" class="explore-
btn"><h1>Learn more about your favorite music genre</h1></a><br><br><br><br>
    <p>Electronic music is music that employs electronic musical instru
ments, digital instruments, or circuitry-
based music technology in its creation. </p>
    <p>It includes both music made using electronic and electromechanic
al means (electroacoustic music). </p>
    <p>Pure electronic instruments depended entirely on circuitry-
based sound generation, for instance using devices such as an electronic oscillator
, theremin, or synthesizer. </p>
    <p>Electromechanical instruments can have mechanical parts such as
strings, hammers, and electric elements including magnetic pickups, power amplifier
s and loudspeakers.

    Such electromechanical devices include the telharmonium, Hammon
d organ, electric piano and the electric guitar.</p>
  </div>
</section>
<!-- Section about ends -->

<!-- Section genres starts -->
<section class="genres background-img">
  <div class="container">
    <div class="naslov"><h1>Genres</h1></div>
    <div class="genres-wrapper">
      <!-- Dinamicki ispis blokova sa nazivima zanrova iz json-a -->
    </div>
    <div class="genres-description">
      <!-- Dinamicki ispis opisa zanrova iz json-a -->
    </div>
  </div>
</section>
<!-- Section genres ends -->
</main>

```

```

<!-- Footer starts -->
<footer class="footer">
  <div class="wrapper">
    <div class="row">
      <div class="footer-col">
        <h4>Fast links</h4>
        <ul id="footer-nav">
          <!-- Dinamicki ispis navigacionog menija is json-a -->
        </ul>
      </div>
      <div class="footer-col">
        <h4>Follow us</h4>
        <ul class="social-links">
          <!-- Dinamicki ispis menija iz json-
a sa likovima ka socijalnim mrezama -->
        </ul>
      </div>
    </div>
    <p>Igor Rankovic &copy; 2021</p>
  </footer>
<!-- Footer ends -->
<div class="back-to-top">
  <i class="fas fa-arrow-up"></i>
</div>

  <script src="https://code.jquery.com/jquery-3.6.0.min.js" integrity="sha256-
/xUj+30JU5yExlq6GSYGSHk7tPXikynS7ogEvDej/m4=" crossorigin="anonymous"></script>
  <script src="assets/js/main.js"></script>
</body>
</html>

```

4.1.2 songs.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="keywords" content="web design, web programming, visoka ict, igor rankovic, mello, music, genres, songs, eric prydz, solomun, zhu, disciples, boris brejcha, tocadisco, bekfles">
  <meta name="description" content="We are providing some of the greatest music songs. Create your own playlist.">
  <meta name="author" content="mailto:igor.rankovic.50.14@ict.edu.rs">
  <meta name="copyright" content="Igor Rankovic @ 2021." />
  <title>Mello | Songs</title>
  <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.1/css/all.css" integrity="sha384-vp86vTRFVJgpjF9jiIGPEEqYqlDwgyBgEF109VFjmqGmIY/Y4HV4d3Gp2irVfcrp" crossorigin="anonymous">
  <link rel="preconnect" href="https://fonts.gstatic.com">
  <link rel="shortcut icon" href="assets/img/note.ico" type="image/x-icon">
  <link href="https://fonts.googleapis.com/css2?family=RocknRoll+One&display=swap" rel="stylesheet">
  <link rel="stylesheet" href="assets/css/style.css">
</head>
<body>
  <!-- Header starts -->
  <header class="header slika">
    <nav>
      <h1><a href="index.html"><i class="fas fa-headphones org"></i> The Mello</a></h1>
      <ul class="nav-links" id="navLinks">
        <!-- Dinamicki ispis navigacionog menija is json-a -->
      </ul>
      <div class="burger">
        <span class="line line1"></span>
        <span class="line line2"></span>
        <span class="line line3"></span>
      </div>
    </nav>
  </header>
  <!-- Header ends -->

  <main>
```

```

        <!-- Section songs starts -->
        <section class="songs-wrapper container">
            <aside class="left">
                <div class="search-songs fs-box">
                    <label for="pretraga" class="bord">Find your favorite song:</label>
                    <input type="search" name="pretraga" id="pretraga" class="input-songs" placeholder="Search">
                </div>
                <div class="select-sort fs-box">
                    <label for="sort" class="bord">Sort By:</label><br>
                    <select name="sort" id="sort" class="input-songs">
                        <option value="0">Select</option>
                        <option value="nameAsc">Name A-Z</option>
                        <option value="nameDesc">Name Z-A</option>
                        <option value="dateAsc">Release Date - Oldest</option>
                        <option value="dateDesc">Release Date - Newest</option>
                    </select>
                </div>
                <div class="filter-genres fs-box">
                    <label for="filter-chb" class="bord">Filter by genre:</label>
                    <ul class="filter-chb">
                        <!--
- Dinamicki ispis checkbox liste sa nazivima zanrova i brojem pesama za taj zanr iz json-a -->
                    </ul>
                    <input type="button" value="Remove filters" id="clear-ls">
                </div>
            </aside>
            <div class="songs-container">
                <!-- Dinamicki ispis pesama iz json-a -->
            </div>
        </section>
        <!-- Section songs ends -->
    </main>

    <!-- Footer starts -->
    <footer class="footer">
        <div class="wrapper">
            <div class="row">
                <div class="footer-col">
                    <h4>Fast links</h4>
                    <ul id="footer-nav">
                        <!-- Dinamicki ispis navigacionog menija is json-a -->
                    </ul>
                </div>

```

```

        <div class="footer-col">
            <h4>Follow us</h4>
            <ul class="social-links">
                <!-- Dinamicki ispis menija iz json-
a sa likovima ka socijalnim mrezama -->
            </ul>
        </div>
    </div>
    <div>
        <p>Igor Rankovic &copy; 2021</p>
    </div>
</footer>
<!-- Footer ends -->
<div class="back-to-top">
    <i class="fas fa-arrow-up"></i>
</div>

<script src="https://code.jquery.com/jquery-3.6.0.min.js" integrity="sha256-
/xUj+30JU5yExlq6GSYGSHk7tPXikynS7ogEvDej/m4=" crossorigin="anonymous"></script>
<script src="assets/js/main.js"></script>
</body>
</html>

```

4.1.3 contact.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="keywords" content="contact, mello, email, igor rankovic">
  <meta name="description" content="Contact us">
  <meta name="author" content="mailto:igor.rankovic.50.14@ict.edu.rs">
  <meta name="copyright" content="Igor Rankovic @ 2021." />
  <title>Mello | Contact</title>
  <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.1/css/all.css" integrity="sha384-
vp86vTRFVJgpjF9jiIGPEEqYqlDwgyBgEF109VFjmqGmIY/Y4HV4d3Gp2irVfcrp" crossorigin="anon
ymous">
  <link rel="preconnect" href="https://fonts.gstatic.com">
  <link rel="shortcut icon" href="assets/img/note.ico" type="image/x-icon">
  <link href="https://fonts.googleapis.com/css2?family=RocknRoll+One&display=swap
" rel="stylesheet">
  <link rel="stylesheet" href="assets/css/style.css">
</head>
<body>
  <!-- Header starts -->
  <header class="header slika">
    <nav>
      <h1><a href="index.html"><i class="fas fa-
headphones org"></i> The Mello</a></h1>
      <ul class="nav-links" id="navLinks">
        <!-- Dinamicki ispis navigacionog menija is json-a -->
      </ul>
      <div class="burger">
        <span class="line line1"></span>
        <span class="line line2"></span>
        <span class="line line3"></span>
      </div>
    </nav>
  </header>
  <!-- Header ends -->

  <main>
    <!-- Section contact starts -->
    <section class="contact">
      <h1>Contact Us</h1>
```

```

    <div class="container">
        <form action="">

            <label for="fname">First Name</label><span class="red"> *</span>
            <input type="text" id="tbIme" name="tbIme" placeholder="Igor">

            <label for="lname">Last Name</label><span class="red"> *</span>
            <input type="text" id="tbPrezime" name="tbPrezime" placeholder="Rank
ovic">

            <label for="lname">Email address</label><span class="red"> *</span>
            <input type="email" id="tbEmail" name="tbEmail" placeholder="igor.ra
nkovic.50.14@ict.edu.rs">

            <label for="ddlAnketa">What is your favorite music genre?</label><sp
an class="red"> *</span>
            <select id="ddlAnketa" name="anketa">
                <option value="0">Select</option>
                <option value="house">House</option>
                <option value="deepHouse">Deep House</option>
                <option value="progressive">Progressive House</option>
                <option value="dnb">Drum and Bass</option>
            </select>

            <label for="taPoruka">Subject</label><span class="red"> *</span>
            <textarea id="taPoruka" name="poruka" placeholder="Write your messag
e.."></textarea>

            <input type="button" id="btnSend" value="Send">
        </form>
        <span class="success hide">Your message has been send</span>
    </div>
</section>
<!-- Section contact ends -->
</main>

<!-- Footer starts -->
<footer class="footer">
    <div class="wrapper">
        <div class="row">
            <div class="footer-col">
                <h4>Fast links</h4>
                <ul id="footer-nav">
                    <!-- Dinamicki ispis navigacionog menija is json-a -->
                </ul>
            </div>

```

```

        <div class="footer-col">
            <h4>Follow us</h4>
            <ul class="social-links">
                <!-- Dinamicki ispis menija iz json-
a sa likovima ka socijalnim mrezama -->
            </ul>
        </div>
    </div>
    <div>
        <p>Igor Rankovic &copy; 2021</p>
    </div>
    </div>
    <div class="back-to-top">
        <i class="fas fa-arrow-up"></i>
    </div>

    <script src="https://code.jquery.com/jquery-3.6.0.min.js" integrity="sha256-
/xUj+30JU5yExlq6GSYGSHk7tPXikynS7ogEvDej/m4=" crossorigin="anonymous"></script>
    <script src="assets/js/main.js"></script>
</body>
</html>

```


4.1.4 author.html

```
5 <!DOCTYPE html>
6 <html lang="en">
7 <head>
8     <meta charset="UTF-8">
9     <meta http-equiv="X-UA-Compatible" content="IE=edge">
10    <meta name="keywords" content="visoka ict, igor rankovic, author, pancevo"
    >
11    <meta name="description" content="Igor Rankovic is junior developer in dev
    eloping">
12    <meta name="description" content="Contact us">
13    <meta name="author" content="mailto:igor.rankovic.50.14@ict.edu.rs">
14    <meta name="copyright" content="Igor Rankovic @ 2021." />
15    <title>Mello | Author</title>
16    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.1/
    css/all.css" integrity="sha384-
    vp86vTRFVJgpjF9jiIGPEEqYqlDwgyBgEF109VFjmqGmIY/Y4HV4d3Gp2irVfcrp" crossorigin=
    "anonymous">
17    <link rel="preconnect" href="https://fonts.gstatic.com">
18    <link rel="shortcut icon" href="assets/img/note.ico" type="image/x-icon">
19    <link href="https://fonts.googleapis.com/css2?family=RocknRoll+One&display
    =swap" rel="stylesheet">
20    <link rel="stylesheet" href="assets/css/style.css">
21 </head>
22 <body>
23     <!-- Header starts -->
24     <header class="header slika">
25         <nav>
26             <h1><a href="index.html"><i class="fas fa-
    headphones org"></i> The Mello</a></h1>
27             <ul class="nav-links" id="navLinks">
28                 <!-- Dinamicki ispis navigacionog menija is json-a -->
29             </ul>
30             <div class="burger">
31                 <span class="line line1"></span>
```

```

32         <span class="line line2"></span>
33         <span class="line line3"></span>
34     </div>
35 </nav>
36 </header>
37 <!-- Header ends -->
38
39 <main>
40     <!-- Section author starts -->
41     <section class="author container">
42         <aside>
43             
44         </aside>
45         <div class="about-author">
46             <h2 class="padding">Igor Ranković</h2>
47             <p class="padding">Broj indeksa: 50/14</p>
48             <p class="padding">Smer: Internet tehnologije</p>
49             <p class="padding">Mesto: Pančevo</p>
50             <p class="padding">Kontakt email: igor.rankovic.50.14@ict.edu.rs</p>
51         </div>
52     </section>
53     <!-- Section author ends -->
54 </main>
55
56 <!-- Footer starts -->
57 <footer class="footer">
58     <div class="wrapper">
59         <div class="row">
60             <div class="footer-col">
61                 <h4>Fast links</h4>
62                 <ul id="footer-nav">
63                     <!-- Dinamicki ispis navigacionog menija is json-a -->

```

```

64         </ul>
65     </div>
66     <div class="footer-col">
67         <h4>Follow us</h4>
68         <ul class="social-links">
69             <!-- Dinamicki ispis menija iz json-
a sa likovima ka socijalnim mrezama -->
70         </ul>
71     </div>
72 </div>
73 </div>
74 <p>Igor Rankovic &copy; 2021</p>
75 </footer>
76 <!-- Footer ends -->
77 <div class="back-to-top">
78     <i class="fas fa-arrow-up"></i>
79 </div>
80
81 <script src="https://code.jquery.com/jquery-
3.6.0.min.js" integrity="sha256-
/xUj+30JU5yExlq6GSYGSHk7tPXikynS7ogEvDej/m4=" crossorigin="anonymous"></script>
82 <script src="assets/js/main.js"></script>
83 </body>
84 </html>
85

```

4.1.5 playlist.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="keywords" content="music, play, playlist, the mello, songs, enjoy">
  <meta name="description" content="Enjoy in your favorite playlist">
  <meta name="author" content="mailto:igor.rankovic.50.14@ict.edu.rs">
  <meta name="copyright" content="Igor Rankovic @ 2021." />
  <title>Mello | Playlist</title>
  <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.1/css/all.css" integrity="sha384-
vp86vTRFVJgpjF9jiIGPEEqYqlDwgyBgEF109VFjmqGmIY/Y4HV4d3Gp2irVfcrp" crossorigin="anon
ymous">
  <link rel="preconnect" href="https://fonts.gstatic.com">
  <link rel="shortcut icon" href="assets/img/note.ico" type="image/x-icon">
  <link href="https://fonts.googleapis.com/css2?family=RocknRoll+One&display=swap
" rel="stylesheet">
  <link rel="stylesheet" href="assets/css/style.css">
</head>
<body>
  <!-- Header starts -->
  <header class="header slika">
    <nav>
      <h1><a href="index.html"><i class="fas fa-
headphones org"></i> The Mello</a></h1>
      <ul class="nav-links" id="navLinks">
        <!-- Dinamicki ispis navigacionog menija is json-a -->
      </ul>
      <div class="burger">
        <span class="line line1"></span>
        <span class="line line2"></span>
        <span class="line line3"></span>
      </div>
    </nav>
  </header>
  <!-- Header ends -->

  <main>
    <!-- Section playlist starts -->
    <section class="playlist container">
      <div class="headline">
```

```

        </div>
        <div class="duration">
            <p>Playlist duration: <span id="dur"></span> </p>
            <input type="button" id="delete-playlist" value="Delete Playlist">
        </div>
        <ul id="playlist">
            <!-- Dinamicki ispis pesama iz LocalStorage-
a koje su izabrane na stranici songs.html -->
        </ul>
    </div>
</section>
<!-- Section playlist ends -->
</main>

<!-- Footer starts -->
<footer class="footer">
    <div class="wrapper">
        <div class="row">
            <div class="footer-col">
                <h4>Fast links</h4>
                <ul id="footer-nav">
                    <!-- Dinamicki ispis navigacionog menija is json-a -->
                </ul>
            </div>
            <div class="footer-col">
                <h4>Follow us</h4>
                <ul class="social-links">
                    <!-- Dinamicki ispis menija iz json-
a sa likovima ka socijalnim mrezama -->
                </ul>
            </div>
        </div>
        <div>
            <p>Igor Rankovic &copy; 2021</p>
        </div>
    </div>
    <div class="back-to-top">
        <i class="fas fa-arrow-up"></i>
    </div>

    <script src="https://code.jquery.com/jquery-3.6.0.min.js" integrity="sha256-
/xUj+30JU5yExlq6GSYGSHk7tPXikynS7ogEvDej/m4=" crossorigin="anonymous"></script>
    <script src="assets/js/main.js"></script>
</body>

```

```
</html>
```


4.2 CSS (SCSS)

4.2.5 style.scss

```
@import url('https://fonts.googleapis.com/css2?family=Kaushan+Script&family=Permanent+Marker&family=Righteous&display=swap');
/* Global */
*{
    margin: 0;
    padding: 0;
}
html {
    overflow-x: hidden;
}
body{
    overflow-x: hidden;
    color: #000;
    font-family: 'RocknRoll One', sans-serif;
}
a{
    text-decoration: none;
    color: #000;
}
.slika{
    background-image: url("../img/music.jpg");
}
.active{
    color: #FE6B02;
    font-size: 23px;
}
.hide{
    display: none;
}
.sakrij{
    visibility: hidden;
    display: none;
}
.ok{
    border: 2px #13e047 solid !important;
    background: #c0eccb;
}
.error{
    /* background-color: #fcb8b8; */
    border: 2px #ff1c1c solid !important;
    background-color: #ffe6e6;
}
.red{
```



```

        color: #ff1c1c;
    }
    .org{
        color: #FE6B02;
    }
    /* Header */
    .header{
        position: absolute;
        top: 0;
        left: 0;
        width: 100%;
        z-index: 100;
    }
    nav{
        display: flex;
        padding: 1rem 5rem;
        justify-content: space-between;
        align-items: center;
        font-family: 'Righteous', cursive;
    }
    nav h1{
        font-size: 2.5rem;
    }
    .nav-links li{
        list-style: none;
        display: inline-block;
        padding: 8px 12px;
        position: relative;
        font-size: 1.3rem;
    }
    .nav-links li a::after{
        content: "";
        width: 0%;
        height: 2.5px;
        background: #FE6B02;
        display: block;
        margin: auto;
        transition: 0.5s;
    }
    .nav-links li a:hover::after{
        width: 100%;
    }
    .burger{
        display: none;
    }
    #broj{

```

```

    position: absolute;
    top: 10px;
    right: 10px;
    font-size: 18px;
    color: #ffffff;
    font-weight: 400;
}
/* Cover section*/
.cover {
    position: relative;
    display: flex;
    align-items: center;
    justify-content: center;
    height: 100vh;
    background-image: url("../img/music.jpg");
    background-position: center;
    background-size: cover;
}
.text-box{
    position: relative;
    z-index: 1;
    max-width: 90%;
    width: 100%;
    margin: 0 auto;
}
.text-box h1{
    font-size: 40px;
}
.text-box p{
    margin: 10px 0 40px;
    font-size: 20px;
}
.find-btn{
    display: inline-block;
    text-decoration: none;
    color: #000;
    border: 2px solid #FE6B02;
    padding: 15px 35px;
    font-size: 13px;
    background: transparent;
    position: relative;
    cursor: pointer;
    text-transform: uppercase;
}
.find-btn:hover{
    background: #FE6B02;

```

```

        color: #fff;
        transition: 0.5s;
        transition-duration: 1s;
    }
    /* About section*/
    .about{
        background-image: url("../img/music1.jpg");
        color: #fff;
        height: 100vh;
        display: flex;
        background-position: center;
        background-size: cover;
        align-items: center;
    }
    .about h1{
        font-size: 40px;
        color: #fff;
    }
    .about p{
        font-size: 20px;
    }
    .container{
        padding: 0 25px;
        justify-content: center;
    }
    /* Genres section */
    .genres{
        background-image: url("../img/wire.jpg");
        background-position: center;
        background-size: cover;
        align-items: center;
        height: 100vh;
    }
    .genres-wrapper{
        display: flex;
        justify-content: space-around;
        margin: 100px 0;
    }
    .card{
        width: 20%;
        display: inline-block;
        padding: 0 20px;
        height: 200px;
        position: relative;
        background: #FED33E;
        display: flex;

```

```

        justify-content: center;
        align-items: center;
        text-align: center;
        font-size: 25px;
    }
    .card:hover{
        cursor: pointer;
        color: #fff;
        width: 26%;
        box-shadow: 0 0 20px 0px rgba(0, 0, 0, 0.2);
        transition: 0.4s;
    }
    .naslov{
        text-align: center;
        color: #FED33E;
        font-size: 1.5rem;
        padding-top: 50px;
    }
    .genres-description{
        text-align: center;
        background: #333;
        color: #FED33E;
        margin: 3em 0;
        opacity: 0.9;
        font-size: 20px;
    }
    /* Footer */
    footer p{
        text-align: center;
    }
    .wrapper{
        max-width: 1170px;
        margin:auto;
    }
    .row{
        display: flex;
        flex-wrap: wrap;
    }
    ul{
        list-style: none;
    }
    .footer{
        background-color: #FED33E;
        padding: 70px 0;
    }
    .footer-col{

```

```

width: 45%;
padding: 0 15px;
}
.footer-col h4{
  font-size: 18px;
  color: #000;
  text-transform: capitalize;
  margin-bottom: 35px;
  font-weight: 700;
  position: relative;
}
.footer-col h4::before{
  content: '';
  position: absolute;
  left:0;
  bottom: -10px;
  background-color: #FE6B02;
  height: 2px;
  box-sizing: border-box;
  width: 50px;
}
.footer-col ul li:not(:last-child){
  margin-bottom: 10px;
}
.footer-col ul li a{
  font-size: 16px;
  text-transform: capitalize;
  color: #fff;
  text-decoration: none;
  font-weight: 300;
  color: #000;
  display: block;
  transition: all 0.3s ease;
}
.footer-col ul li a:hover{
  color: #ffffff;
  padding-left: 8px;
}
.footer-col .social-links a{
  display: inline-block;
  height: 40px;
  width: 40px;
  background-color: rgba(255,255,255,0.2);
  margin:0 10px 10px 0;
  text-align: center;
  line-height: 40px;

```

```

    border-radius: 50%;
    color: #000;
    transition: all 0.5s ease;
}
.footer-col .social-links a:hover{
    color: #24262b;
    background-color: #ffffff;
}
.back-to-top{
    width: 80px;
    height: 80px;
    font-size: 80px;
    position: fixed;
    right: 30px;
    bottom: 50px;
}
/* Songs */
.songs-wrapper{
    display: flex;
    padding: 100px 0;
}
aside{
    padding-top: 100px;
    width: 30%;
    margin-right: 100px;
}
.songs-container{
    width: 70%;
    padding: 100px 0;
}
.src-err{
    font-size: 20px;
    color: red;
}
.songs-container ul {
    display: flex;
    flex-wrap: wrap;
    margin: -15px -15px;
}
.songs-container ul li {
    max-width: 25%;
    width: 100%;
    padding: 15px 15px;
}
.bord{
    color: #FE6B02;

```

```

}
.input-songs{
  height: 35px;
  border-radius: 5px;
  outline: none;
  border: 3px #ffac1c solid;
  margin-top: 10px;
  width: 90%;
}
.filter-genres ul li{
  padding: 10px;
}
#clear-ls{
  background-color: #ffac1c;
  color: #000;
  margin: 20px 0 0 20px;
  padding: 10px 20px;
  border: none;
  border-radius: 4px;
  cursor: pointer;
}
#clear-ls:hover{
  background-color: #ed9e15;
}
.song-card{
  border: 3px solid #ffac1c;
  border-radius: 30px;
  height: 100%;
}
.song-card img{
  width: 100%;
  border-radius: 27px 27px 0 0;
}
.song-card:hover{
  box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2);
}
.song-card h2, .song-card h3, .song-card p{
  text-align: center;
}
.song-card h2{
  font-size: 18px;
  background: #FED33E;
}
.song-card h3{
  font-size: 16px;
  background: #FED33E;
}

```

```

        font-style: italic;
    }
    .song-card p:first-of-type{
        font-size: 14px;
        font-weight: 300;
    }
    .song-card p i{
        font-size: 25px;
    }
    .song-card p i:hover{
        font-size: 23px;
        color: #ff1c1c;
    }
    .song-card i{
        color: coral;
        cursor: pointer;
        font-size: 20px;
    }
    .full-name{
        height: 100px;
    }
    .fs-box{
        padding: 30px 0;
        background: #FED33E;
        padding-left: 30px;
    }
    #info-pop-up{
        border: 3px #FE6B02 solid;
        position: fixed;
        left: 50%;
        top: 50%;
        transform: translate(-50%, -50%);
        width: 320px;
        display: flex;
        flex-direction: column;
        align-items: center;
        background-color: #fff;
        color: #000;
        text-align: center;
        border-radius: 20px;
        padding: 30px 30px 70px;
    }
    .close{
        background-color: #ed6755;
        border: none;
        border-radius: 5px;
    }

```



```

    width: 200px;
    margin-top: 50px;
    padding: 14px;
    font-size: 16px;
    color: white;
    box-shadow: 0px 6px 18px -5px rgba(237, 103, 85, 1);
}
/* Contact */
.contact h1{
    text-align: center;
    margin-bottom: 50px;
}
.contact input[type=text], .contact [type=email], .contact select, .contact textarea
a {
    width: 100%;
    padding: 12px;
    border: 1px solid #FED33E;
    border-radius: 4px;
    box-sizing: border-box;
    margin-top: 6px;
    margin-bottom: 16px;
    resize: vertical;
}
.contact input[type=button] {
    background-color: #ffac1c;
    color: white;
    padding: 12px 20px;
    border: none;
    border-radius: 4px;
    cursor: pointer;
}
.contact input[type=button]:hover {
    background-color: #ed9e15;
}
.contact textarea{
    height: 200px;
}
.contact{
    padding: 20px 0;
    border-radius: 5px;
    width: 600px;
    margin: 0 auto;
}
.success{
    color: #13e047;
}

```

```

/* Author */
.author{
    padding: 200px 0;
    display: flex;
}
.author aside{
    margin: 0 auto;
}
.author img{
    margin: 0 auto;
}
.about-author{
    padding-top: 200px;
    margin: 0 auto;
}
.pading{
    padding: 20px 0;
}
/* Playlist */
.playlist{
    padding: 200px 0;
    min-height: 100vh;
}
.playlist ul li{
    margin: 5px auto;
}
.playlist h1{
    text-align: center;
}
.red{
    color: red;
}
.headline{
    margin-bottom: 100px;
    text-align: center;
    font-size: 25px;
    color: #FE6B02;
}
.partial-wrapper{
    max-width: 900px;
    position: relative;
    margin: 0 auto;
    border: 3px solid #FE6B02;
    border-radius: 30px;
}
.about-section{

```

```

        display: flex;
    }
    .player-control{
        text-align: center;
    }
    .player {
        display: flex;
    }
    .player audio {
        width: 100%;
    }
    .song-image {
        width: 20%;
        height: 100%;
    }
    .song-image img{
        height: 150px;
        border-radius: 27px 0 0 0;
    }
    .song-name {
        display: flex;
        justify-content: center;
        align-items: center;
        font-size: 24px;
        margin-left: 10px;
    }
    .remove-song {
        position: absolute;
        font-size: 25px;
        top: 50%;
        right: 5px;
        transform: translateY(-50%);
        cursor: pointer;
    }
    .duration{
        display: flex;
        justify-content: space-evenly;
        margin: 50px 0px;
    }
    #delete-playlist{
        background-color: #ffac1c;
        color: #000;
        padding: 10px 20px;
        border: none;
        border-radius: 4px;
        cursor: pointer;
    }

```

```

}
#delete-playlist:hover{
    background-color: #ed9e15;
}
/* Media query */
@media(max-width: 700px){
    .text-box h1{
        font-size: 20px;
    }
    .text-box p{
        margin: 10px 0 40px;
        font-size: 17px;
    }
    .find-btn{
        padding: 10px 25px;
        font-size: 12px;
    }
}
@media(max-width: 875px){
    nav {
        padding: 26px;
    }
    .nav-links{
        position: fixed;
        top: 0;
        left: 100%;
        height: 100vh;
        display: flex;
        flex-direction: column;
        align-items: center;
        width: 100%;
        padding-top: 90px;
        background-color: #FED33E;
        z-index: 2;
        transition: .4s ease-out;
    }
    .nav-links.open {
        left: 0;
    }
    .burger{
        display: inline-block;
        position: relative;
        width: 30px;
        height: 20px;
        cursor: pointer;
        z-index: 3;
    }
}

```

```

}
.line{
  position: absolute;
  display: block;
  width: 100%;
  height: 2px;
  background: #000;
  will-change: transform;
  transition: .2s ease-out;
}
.line:nth-of-type(1){
  top: 50%;
  left: 0;
  transform: translateY(-50%);
}
.line:nth-of-type(2){
  top: 0;
  left: 0;
}
.line:nth-of-type(3){
  bottom: 0;
  left: 0;
}
.burger.open .line:nth-of-type(1){
  opacity: 0;
}
.burger.open .line:nth-of-type(2){
  top: 50%;
  transform: translateY(-50%) rotate(-45dgr);
}
.burger.open .line:nth-of-type(3){
  top: 50%;
  transform: translateY(-50%) rotate(-45dgr);
}
.nav-links li a:hover{
  color: #fff;
}
}
@media(max-width: 600px){
  .genres-wrapper{
    display: flex;
    flex-direction: column;
    align-items: center;
    margin: 50px;
  }
  .card{

```

```

        width: 250px;
        display: inline-block;
        padding: 0px 20px;
        margin: 10px 0;
        height: 130px;
        position: relative;
        background: #FED33E;
        display: flex;
        justify-content: center;
        align-items: center;
    }
    .card:hover{
        cursor:auto;
        transition:none;
        color: #000;
    }
}
@media(max-width: 767px){
    .footer-col{
        width: 50%;
        margin-bottom: 30px;
    }
}
@media(max-width: 574px){
    .footer-col{
        width: 100%;
    }
    .back-to-top{
        width: 50px;
        height: 50px;
        font-size: 50px;
    }
}
@media(max-width: 840px){
    .full-name h2, .full-name h3{
        font-size: 15px;
    }
}
@media(max-width: 715px){
    .full-name h2, .full-name h3{
        font-size: 13px;
    }
}
@media(max-width: 630px){
    .full-name h2, .full-name h3{
        font-size: 12px;
    }
}

```

```

    }
    .songs-wrapper{
        display: flex;
        flex-direction: column;
    }
    aside{
        width: 100%;
    }
    .songs-container{
        width: 100%;
    }
}
@media(max-width: 600px){
    .contact{
        width: 400px;
    }
}
@media(max-width: 400px){
    .contact{
        width: 350px;
    }
    #info-pop-up{
        width: 200px;
        height: 100px;
    }
}
@media(max-width: 380px){
    .contact{
        width: 300px;
    }
}
@media(max-width: 1150px){
    .author{
        display: flex;
        flex-direction: column;
    }
}
@media(max-width: 836px){
    .partial-wrapper{
        width: 700px;
    }
}
@media(max-width: 836px){
    .partial-wrapper{
        width: 600px;
    }
}

```

```

        .song-image {
            width: 30%;
            height: 100%;
        }
    }
    @media(max-width: 607px){
        .partial-wrapper{
            width: 500px;
        }
        .song-name{
            font-size: 18px;
        }
    }
    @media(max-width: 510px){
        .partial-wrapper{
            width: 400px;
        }
        .song-name{
            font-size: 18px;
        }
        .song-image img{
            height: 100px;
            border-radius: 27px 0 0 0;
        }
    }
    @media(max-width: 415px){
        .partial-wrapper{
            width: 300px;
        }
        .song-name{
            font-size: 15px;
        }
        .song-image img{
            height: 80px;
            border-radius: 27px 0 0 0;
        }
        .duration{
            flex-direction: column;
        }
    }
}

```


4.3 Javascript

4.3.1 main.js

```
window.onerror = function(msg, url, line){
    console.log("Poruka: " + msg);
    console.log("URL: " + url);
    console.log("Greska je nastala u liniji: " + line);
}

const path = window.location.pathname;
const url = window.location.href;
const BASEURL = "assets/data/";

window.onload = function(){

    // Hamburger menu
    let burger = document.querySelector(".burger");
    let nav = document.querySelector(".nav-links");
    burger.addEventListener("click", e =>{
        if(e.currentTarget.classList.contains("open")){
            e.currentTarget.classList.remove("open");
            nav.classList.remove('open');
            document.documentElement.style.overflowY = 'auto';
            return;
        }

        e.currentTarget.classList.add("open");
        nav.classList.add('open');
        document.documentElement.style.overflowY = 'hidden';
    })

    pozicioniranje(".find-btn", ".about");
    pozicioniranje(".explore-btn", ".genres");
    backToTop(".back-to-top", 300, 1500);

    try{
        ajaxCallback(BASEURL + "menu.json", function(result){
            ispisNavMenija("#navLinks", result);
            ispisBrojaPesamaUPlejlisti();
        });

        ajaxCallback(BASEURL + "footer-menu.json", function(result){
            ispisNavMenija("#footer-nav", result);
        });
    }
```

```

        ajaxCallback(BASEURL + "social.json", function(result){
            ispisListeSocialMeni(result);
        });

        ajaxCallback(BASEURL + "genres.json", function(result){
            setToLS("zanrovi", result);
        });

        ajaxCallback(BASEURL + "songs.json", function(result){
            setToLS("pesme", result);
        });

        if(url.indexOf("index.html") != -1){
            ajaxCallback(BASEURL + "genres.json", function(result){
                ispisivanjeZanrova(result);
            })
        }
        if(url.indexOf("songs.html") != -1){
            ajaxCallback(BASEURL + "songs.json", function(result){
                ispisivanjePesama(result);
                ispisChbZanrova();
            });
        }

        document.querySelector("#pretraga").addEventListener("keyup", pretraga)
;
        document.querySelector("#sort").addEventListener("change", sort);
        document.querySelector("#clear-
ls").addEventListener("click", removeFromLS);
    }
    if(url.indexOf("playlist.html") != -1){
        ispisPlejliste();
        document.querySelector("#delete-
playlist").addEventListener("click", removePlFromLS);
    }
}
catch(e){
    alert("Oops something went wrong..." + e);
}
}

// Funkcija za pozicioniranje klikom na odredjeni element
function pozicioniranje(dugme, pozicija){
    $(dugme).click(function(e) {
        e.preventDefault();
        $('html,body').animate({
            scrollTop: $(pozicija).offset().top},

```

```

        2000);
    });
}

// Funkcija za povratak na vrh stranice
function backToTop(pozicija, pikseli, interval){
    $(pozicija).hide();
    $(window).scroll(function(){
        let top = $(this)[0].scrollTop;
        if(top > pikseli){
            $(pozicija).show();
        }
        else{
            $(pozicija).hide();
        }
    });

    $(pozicija).click(function(){
        $("html").animate({
            scrollTop: 0
        }, interval);
    });
}

// Funkcija ajax callback
function ajaxCallback(url, result){
    $.ajax({
        url: url,
        method: "get",
        dataType: "json",
        success: result,
        error: function(xhr){
            console.log(xhr)
        }
    })
}

// Funkcija za postavljanje podataka u LS
function setToLS(key, value) {
    localStorage.setItem(key, JSON.stringify(value));
}

// Funkcija za preuzimanje podataka iz LS
function getFromLS(key) {
    return JSON.parse(localStorage.getItem(key));
}

```

```

// Funkcija za brisanje filtera
function removeFromLS(){
    localStorage.removeItem("trenutniPrikazPesama");
    location.reload();
}

// Funkcija za brisanje plejliste
function removePLfromLS(){
    localStorage.removeItem("plejlista");
    location.reload();
}

// Funkcija za ispisivanje navigacionog menija
function ispisListeSocialMeni(socMeni){
    let html = "";

    socMeni.forEach(link => {
        html += `<a class="\${klasa}" href="\${link.href}">\${link.naziv}</a></li>`
    }\);

    document.querySelector\(pozicija\).innerHTML = html;
}

// Funkcija za ispisivanje blokova sa zanrovima i ispisivanje informacija o zanru k
ojoj je kliknut

```

```

function ispisivanjeZanrova(zanrovi){
    let html = "";

    zanrovi.forEach(zanr => {
        html += `<div class="card" data-idkat="${zanr.id}">
                <p>${zanr.naslov}</p>
            </div>`;
    });

    document.querySelector(".genres-wrapper").innerHTML = html;

    let cards = document.querySelectorAll(".card");
    cards.forEach(card => {
        card.addEventListener("click", e => {
            let id = e.currentTarget.dataset.idkat;

            document.querySelector(".genres-description").innerHTML = zanrovi[id-
1].tekst;
        });
    })
}

// Funkcija za ispisivanje checkbox-eva sa imenima zanrova
function ispisChbZanrova(){
    let html = "";
    let zanrovi = getFromLS("zanrovi");

    zanrovi.forEach(zanr => {
        html += `<li><input type="checkbox" class="filter" id="checkbox${zanr.id}"
value="${zanr.id}">
                <label for="checkbox${zanr.id}">${zanr.naslov}</label><span
> (${brojPesama(zanr.id)})</span>
            </li>`;
    });

    document.querySelector(".filter-chb").innerHTML = html;
    $(".filter").change(filterZanrova);
}

// Funkcija koja vraca broj pesama za odredjeni zanr
function brojPesama(zanrId){
    let pesme = getFromLS("pesme");

    return pesme.filter(p => zanrId == p.zanrovi).length
}

```

```

// Funkcija za ispisivanje pesama u songs.html
function ispisivanjePesama(pesme){
    let html = "<ul>";

    pesme.forEach(pesma => {
        html += `<li>
            <div class="song-card">
                
                <p>${obradaZanrova(pesma.zanrovi)}</p>
                <div class="full-name">
                    <h2>${pesma.pesma}</h2>
                    <h3>${pesma.autor}</h3>
                </div>
                <p><b>${pesma.godina}</b></p>
                <p><i data-id="${pesma.id}" class="fas fa-heart add-to-
playlist"></i></p>
            </div>
            <div id="info-pop-up" class="sakrij">
                <div id="child-pop">
                    <p class="alert-text"></p>
                    <button class="close"> Close </button>
                </div>
            </div>
        </li>`;
    });

    html += `</ul>`;

    document.querySelector(".songs-container").innerHTML = html;
    $(".add-to-playlist").click(dodajUPlejlistu);
    $(".add-to-playlist").click(function(){
        $("#info-pop-up").removeClass("sakrij");
    });
    $(".close").click(function(){
        $("#info-pop-up").addClass("sakrij");
    });
}

// Funkcija za ispis zanrova
function obradaZanrova(id){
    let zanrovi = getFromLS("zanrovi");
    return zanrovi.filter(d => d.id == id)[0].naslov;
}

// Funkcija za pretragu po nazivu izvodjaca i nazivu pesme
function pretraga(){

```

```

let unos = this.value.toLowerCase();
let pesme = getFromLS("pesme");

let filtriranePesme = pesme.filter(p => {
    if(p.autor.toLowerCase().indexOf(unos) !== -1){
        return true
    }
    else if(p.pesma.toLowerCase().indexOf(unos) !== -1){
        return true
    }
});
if(filtriranePesme.length){
    ispisivanjePesama(filtriranePesme);
}
else{
    document.querySelector(".songs-container").innerHTML = "<p class='src-err'><i class='far fa-frown'></i> Sorry, we don't have a song with that name at the moment...</p>";
}
}

// Funkcija za sortiranje pesama
function sort(){
    let izbor = this.value;
    let pesme = getFromLS("pesme");

    if(izbor == "nameAsc"){
        pesme.sort((a, b) => {
            if(a.pesma < b.pesma){
                return -1
            }
            else if(a.pesma > b.pesma){
                return 1
            }
            else{
                return 0
            }
        })
    }
    if(izbor == "nameDesc"){
        pesme.sort((a, b) => {
            if(a.pesma > b.pesma){
                return -1
            }
            else if(a.pesma < b.pesma){
                return 1
            }
        })
    }
}

```

```

        }
        else{
            return 0
        }
    })
}
if(izbor == "dateAsc"){
    pesme.sort((a, b) => {
        return a.godina - b.godina
    })
}
if(izbor == "dateDesc"){
    pesme.sort((a, b) => {
        return b.godina - a.godina
    })
}

ispisivanjePesama(pesme);
}

// Funkcija za filtriranje pesama po zanrovima
function filterZanrova(){
    let izabraniZanrovi = [];
    let pesme = getFromLS("pesme");
    let filtriranePesme = [];

    $(".filter:checked").each(function() {
        izabraniZanrovi.push(parseInt($(this).val()));
    });

    if(izabraniZanrovi.length != 0){
        filtriranePesme = pesme.filter(p => izabraniZanrovi.includes(p.zanrovi));
        ispisivanjePesama(filtriranePesme);
        setToLS("trenutniPrikazPesama", filtriranePesme);
    }
    else{
        ispisivanjePesama(pesme);
    }
}

// Funkcija za obradu plejliste
function dodajUPlejlistu(){
    let id = $(this).data("id");
    let plejlista = getFromLS("plejlista");

    if(plejlista){

```



```

        if(pesmaPostoji()){
            $(".alert-text").html("This song is already in the playlist");
        }
        else{
            dodajPesmuULS();
            ispisBrojaPesamaUPlejlisti();
        }
    }
    else{
        dodajPrvuPesmuUPlejlistu();
        ispisBrojaPesamaUPlejlisti();
    }

    // Funkcija za ubacivanje prve pesme u plejlistu
    function dodajPrvuPesmuUPlejlistu(){
        let pesme = [];
        pesme[0] = {
            id: id
        };

        setToLS("plejlista", pesme);
        $(".alert-
text").html("You have successfully added a song to the playlist");
    }

    // Funkcija koja proverava da li izabrana pesma vec postoji u plejlisti
    function pesmaPostoji(){
        return plejlista.filter(pl => pl.id == id).length;
    }

    // Funkcija za dodavanje pesme koja ne postoji u plejlisti
    function dodajPesmuULS(){
        let plejlista = getFromLS("plejlista");
        plejlista.push({
            id: id
        });

        setToLS("plejlista", plejlista);
        $(".alert-
text").html("You have successfully added a song to the playlist");
    }
}

// Funkcija za ispisivanje broja pesama koje se trenutno nalaze u plejlisti
function ispisBrojaPesamaUPlejlisti(){
    let pesmeIzPlejliste = getFromLS("plejlista");

```

```

    if(pesmeIzPlejliste != null){
        let brojPesama = pesmeIzPlejliste.length;
        document.querySelector("#broj").innerHTML = brojPesama;
    }
    else{
        document.querySelector("#broj").innerHTML = "0";
    }
}

// Funkcija za ispisivanje plejliste na stranici playlist.html
function ispisPlejliste(){
    let plejlista = getFromLS("plejlista");

    if(plejlista != null && plejlista.length != 0){
        ispisivanjePesamaUPlejlistu();
    }
    else{
        ispisPraznePlejliste();
    }

    // Funkcija prikaz sadrzaja iz LS u plejlisti
    function ispisivanjePesamaUPlejlistu(){
        let html = "";
        let plejlista = getFromLS("plejlista");
        let pesme = getFromLS("pesme");
        let filtriranePesme = [];

        filtriranePesme = pesme.filter(p => {
            for(let plej of plejlista){
                if(p.id == plej.id){
                    return p
                }
            }
        })

        filtriranePesme.forEach((pesma, index) => {
            html += `<li class="partial-wrapper">
                <div class="about-section">
                    <div class="song-image">
                        
                    </div>
                    <div class="song-name">
                        <span>${index + 1}. </span><p> ${pesma.autor} - ${p
esma.pesma}</p>

```

```

        </div>
    </div>
    <div class="player-control">
    <div class="player">
        <audio controls>
            <source src="{pesma.traka}" type="audio/mpeg">
        </audio>
    </div>
    <div class="remove-song">
        <i class="fas fa-minus-circle red" data-
idpesme={pesma.id}></i>
    </div>
    </li>`
    });

    document.querySelector("#playlist").innerHTML = html;
    document.querySelector(".headline").innerHTML = `<h1>Enjoy your playlist!</
h1>`;
    $(".red").click(brisanjePesme);
    obradaTrajanjaPlejliste(filtriranePesme);
}

// Funkcija za prikaz plejliste za koju nema podataka u LS
function ispisPraznePlejliste(){
    document.querySelector(".headline").innerHTML = `<h1>Your playlist is curre
ntly empty...</h1>`;
}

// Funkcija za brisanje pesme iz plejliste
function brisanjePesme(){
    let id = $(this).data("idpesme");

    let plejlista = getFromLS("plejlista");
    let filtriranePesme = plejlista.filter(p => p.id != id);

    setToLS("plejlista", filtriranePesme);
    ispisivanjePesamaUPlejlistu();
    ispisBrojaPesamaUPlejlisti();

    if(filtriranePesme.length == 0){
        ispisPraznePlejliste();
    }
}

// Funkcija za sabiranje ukupnog trajanja pesama koje se nalaze u plejlisti

```

```

function obradaTrajanjaPlejliste(pesme){
    let nizMin = [];
    let nizSec = [];

    pesme.forEach(z => {
        nizMin.push(z.trajanje.min);
        nizSec.push(z.trajanje.sec)
    });

    let sumMin = nizMin.reduce(function(a, b){
        return a + b;
    }, 0);

    let sumSec = nizSec.reduce(function(a, b){
        return a + b;
    }, 0);

    let ostatak = sumSec%60;
    let finalMin = sumMin + Math.round(sumSec/60);

    document.querySelector("#dur").innerHTML = finalMin + "min " + ostatak + "sec";
}

// Funkcija za proveru regularnih izraza
function proveraRegEx(reg, element){
    if(!$(element).val().match(reg)){
        $(element).addClass("error");
        return false;
    }
    else{
        $(element).removeClass("error");
        $(element).addClass("ok");
        return true;
    }
}

// Validacija forme
let ime = $("#tbIme");
let prezime = $("#tbPrezime");
let email = $("#tbEmail");
let lista = $("#ddlAnketa");
let poruka = $("#taPoruka");
let reIme = /^[A-ZČĆŽŠĐ][a-zčćžšđ]{2,14}$/;
let rePrezime = /^[A-ZČĆŽŠĐ][a-zčćžšđ]{2,19}(\s[A-ZČĆŽŠĐ][a-zčćžšđ]{2,19})*/;
let reEmail = /^[a-z][\w\.\s]*@[a-z0-9]{3,20}(\.[a-z]{3,5})?(\.[a-z]{2,3})+$/;
let brojGresaka = 0;

```

```

$(ime).blur(function(){
    proveraRegEx(reIme, ime);
})

$(prezime).blur(function(){
    proveraRegEx(rePrezime, prezime);
})

$(email).blur(function(){
    proveraRegEx(reEmail, email);
})

$(lista).blur(function(){
    if(lista.val() == "0"){
        $(lista).addClass("error");
    }
    else{
        $(lista).removeClass("error");
        $(lista).addClass("ok");
    }
})

$(poruka).blur(function(){
    if(poruka.val() == ""){
        $(poruka).addClass("error");
    }
    else{
        $(poruka).removeClass("error");
        $(poruka).addClass("ok");
    }
})

$("#btnSend").click(function() {
    let brojGresaka = 0;

    if(!proveraRegEx(reIme, ime)){
        brojGresaka++;
    }

    if(!proveraRegEx(rePrezime, prezime)){
        brojGresaka++;
    }

    if(!proveraRegEx(reEmail, email)){
        brojGresaka++;
    }
}

```

```

if(lista.val() == "0"){
    $(lista).addClass("error");
    brojGresaka++;
}
else{
    $(lista).removeClass("error");
    $(lista).addClass("ok");
}

if(poruka.val() == ""){
    $(poruka).addClass("error");
    brojGresaka++;
}
else{
    $(poruka).removeClass("error");
    $(poruka).addClass("ok");
}

if(brojGresaka == 0){
    $(".success").removeClass("hide");
    $(".red").addClass("hide");
    window.setTimeout(function()
    {
        location.reload()
    }, 1000)
}

})

```