

Akademija tehničko-umetničkih studija Beograd, Odsek visoka škola
informatičkih i telekomunikacionih tehnologija

DOKUMENTACIJA WEB PROGRAMIRANJE 2

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RecordStore

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Predmet: Web programiranje 2

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Indeks : 164/21

Profesor: Nenad Kojić, Milena Vesić

1. Uvod

1.2 Korisceni programski jezici

Prilikom izrade aplikacije koriscene su sledece tehnologije:

- HTML5
- CSS3
- BOOTSTRAP
- JAVASCRIPT
- VS CODE
- JQUERY

1.3 U okviru aplikacije postoje sledece funkcionalnosti

Dinamicki ispis elemenata

Validacija elemenata forme

Animacija nad blokom nakon prelaska mišem preko njega

Filtriranje I sortiranje po zadatim Kriterijumima

Filtriranje elemenata na klik

Pretraga elementa kucanjem naziva izvodjaca

Funckcionalnost dodavanja elementa u korpu

Pustanje pesme klikom na dugme

2.

Organizacija

Na aplikaciji postoje 4 stranice:

1.Home Page

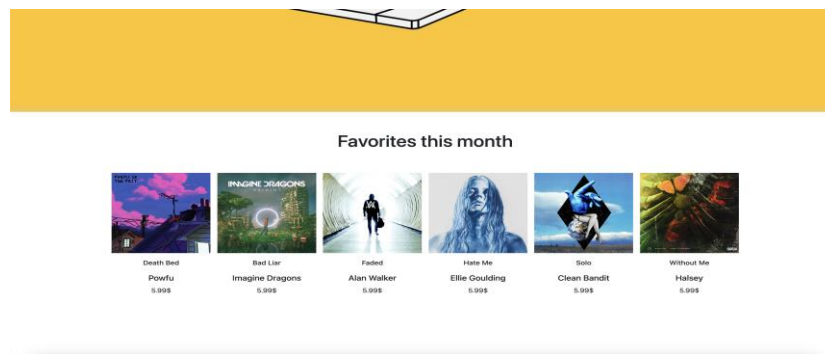
2.Vinyl Page

3.Contact Page

4.Stranica o autoru

1.Home page

Dinamicki ispis navigacije I elemenata unutar stranice,pustanje pesma klikom na dugme I proizvodi koji su linkovani ka stranici vinyl u kojoj se nalazi korpa.



Sleeps Holy Mountain is the second studio album by the American band Sleep. It was released in November 1992 in Europe, and March 1993 in the USA through Earache Records.

[Buy Now](#) [Votes:18](#) 9 mins

Catalog entry #3, released on July 21, 1971. Master of Reality reached #8 on the U.S. album chart, immediately going gold. It was Black Sabbath's 1st album to debut in the Top 10. Also their first album to feature the heavier new sound created by dropping the tuning three semi-tones below the standard E, thus creating the premise for what would become known as the stoner rock sound.

[Buy Now](#) [Votes:54](#) 9 mins

Ride the Lightning is the second studio album by American heavy metal band Metallica, released on July 27, 1984, by the independent record label Megaforce Records.

[Buy Now](#) [Votes:31](#) 9 mins

Uncle Acid and The Deadbeats

The Night Creeper is the fourth studio album by English band Uncle Acid & the Deadbeats. The album released on 4 September 2015.

[Buy Now](#) [Votes:25](#) 9 mins

Uncle Acid and The Deadbeats

First released on Friday February 13th, (40 years to the day after Black Sabbath's debut LP), "Vol 1" was the first efforts of unknown songwriter, Kevin Starrs. Pressed in small numbers for a non existing fan.

Queens of the Stone Age

Villains is the seventh studio album by American rock band Queens of the Stone Age, released on August 25, 2017 through Matador.

Vinyls

Left for dead in the 1980s, vinyl records are now the music industry's most popular and highest-grossing physical format. Getting them manufactured, however, is increasingly a challenge.

[Shop now](#) [Contact us](#)


Sleep

Black Sabbath

Metallica

[Home](#)
[Vinyl](#)
[Contact](#)
[Author](#)

2.Vinyl Page

HomeVinylContactAuthor

Vinyl

Sort:

Choose

search

Genre:

All


Doom

Rock


Trash Metal

Punk


Metal



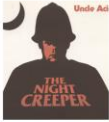
Sleep
Holy Mountain
Genre:Doom
1992
Price:18\$



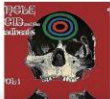
Black Sabbath
Master Of Reality
Genre:Rock
1971
Price:54\$




Metallica
Ride The Lightning
Genre:Trash Metal
1984
Price:31\$




Uncle Acid
The Night Creeper
Genre:Doom
2015
Price:72\$




Primus




Black Flag




Primus



Black Flag



3.Contact Page

HomeVinylContactAuthor

Sign Up To Send Messages

Create Account

Username

username123

Email

example@gmail.com

Password

Password

Password check

Password two

Submit

Kodovi: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">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"
    integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspD3yD65VohhpuuCOMLASjC"
    crossorigin="anonymous"/>

    <link rel="stylesheet" href="assets/css/style.css">

    <link rel="icon" href="assets/img/banner-logo.jpeg">

    <link rel="stylesheet" href="dist/assets/owl.carousel.min.css">

    <link rel="stylesheet" href="dist/assets/owl.theme.default.min.css">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.3.0/css/all.min.css">


  </head>

  <body>

    <div id="ispis-navigacije">

      </div>

      <div class="row">

      </div>
```

```
<div class="container ">

<div class="row text-center mt-5">

<h1>Favorites this month</h1>

<div class="owl-carousel owl-theme d-flex space-evenly">

    </div>

    </div>

    </div>

<div class="record-player-container">

    <div class="naslov">

<h1 class="ml-5">Listen to our radio</h1>

    </div>

    <div class='record-container'>

<img src='https://dribbble.s3.amazonaws.com/users/2009/screenshots/94101/shot_1293655299.png' />

    </div>

    <div class='record-container'>

        <div class='record'></div>

        </div>

        <div class="record-player">

            <input type="checkbox" id="headshell">

            <label class="headshell" for="headshell"></label>

            <audio id="player"></audio>

            <input type="range" max="1" min="0" step="0.1" id="volume-control" onchange="audioVolume(this.value)">

            <div class="plinth"></div>

            <div class="platter"></div>

            <div class="vinyl"></div>

            <div class="top-circle"></div>

            </div>

            </div>
```

```
<main role="main">

<section class="jumbotron text-center">

<div class="container">

<h1 class="jumbotron-heading">Vinyls</h1>

<p class="lead text-muted">Left for dead in the 1980s, vinyl records are now the music industry's most popular and
highest-grossing physical

format. Getting them manufactured, however, is increasingly a challenge.</p>

<p>

<a href="vinyl.html" class="btn btn-danger my-2">Shop now</a>

<a href="contact.html" class="btn btn-secondary my-2">Contact us</a>

</p>

</div>

</section>

<div class="album py-5 bg-light">

<div class="container">

<div class="row ispis-Albuma">

</div>

</div>

</div>

</div>

</main>

<div class="footer-basic">

</div>

<script src="https://code.jquery.com/jquery-3.6.3.min.js" integrity="sha256-
pvPw+upLPUjgMXy0G+800xUf+/Im1MZjXxxgOcBQBXU=" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM" crossorigin="anonymous"></script>

<script src="dist/owl.carousel.min.js"></script>

<script src="assets/js/main.js" type="text/javascript"></script>

</body>

</html>
```


HTML:VinylPage

```
<!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">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"
    integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWFspD3yD65VohhpuuCOMLASjC"
    crossorigin="anonymous"/>

    <link rel="stylesheet" href="assets/css/style.css">

    <link rel="icon" href="assets/img/banner-logo.jpeg">

    <link rel="stylesheet" href="dist/assets/owl.carousel.min.css">

    <link rel="stylesheet" href="dist/assets/owl.theme.default.min.css">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.3.0/css/all.min.css">

    <title>RecordStore</title>

  </head>

  <body>

    <div id="ispis-navigacije">

      <!-- <div class="cart-icon"><i class="fa-solid fa-cart-shopping fa-2x"></i></div> -->

    </div>

    <section class="page-hero">

      <div class="section-center">

        <h3 class="page-hero-title">Vinyl</h3>

      </div>

    </section>

    <div class="cart-box">
```

```
<div class="cart-icon"><i class="fa-solid fa-cart-shopping fa-2x">

    </i></div>

<div class="whole-cart-window hide">

    <h2>Shopping bag</h2>

    <div class="cart-wrapper">

        </div>

        <div class="subtotal">

            Total:0$

        </div>

        <div class="checkout">

            Checkout

        </div>

        <div class="view-cart">

            View Cart

        </div>

    </div>

</div>

</div>

</div>

<section class="products">

    <div class="filters">

        <div class="drop-down-list">

            <div id="ispis-sort"></div>

        </div>

        <div class="filters-container">

            <form class="input-form">

                <input id="genreSearch" type="text" class="search-input" placeholder="search">

            </form>

            <h4>Genre:</h4>

        </div>

    </div>

</section>
```

```
<article class="companies">

</article>

</div>

</div>

<div class="products-container col-12"></div>

</section>

<div class="footer-basic"> </div>

<script src="https://code.jquery.com/jquery-3.6.3.min.js" integrity="sha256-
pvPw+upLPUjgMXY0G+800xUf+/Im1MZjXxxgOcBQBxU=" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM" crossorigin="anonymous"></script>

<script src="dist/owl.carousel.min.js"></script>

<script src="assets/js/main.js" type="text/javascript"></script>

</body>

</html>
```

HTML:ContactPage

```
<!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">

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWFspD3yD65VohhpUuCOMLASjC"
crossorigin="anonymous" />
```

```
<link rel="stylesheet" href="assets/css/style.css">

<link rel="icon" href="assets/img/banner-logo.jpeg">

<link rel="stylesheet" href="dist/assets/owl.carousel.min.css">

<link rel="stylesheet" href="dist/assets/owl.theme.default.min.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.3.0/css/all.min.css">
```

```
<title>RecordStore</title>
```

```
<div id="ispis-navigacije"></div>
```

```
<div class="container">

  <div class="header">

    <h1>Sign Up To Send Messages</h1>

    <h2>Create Account</h2>

  </div>

  <form id="form" class="form">

    <div class="form-control">

      <label for="username">Username</label>

      <input type="text" placeholder="username123" id="username" />

      <i class="fas fa-check-circle"></i>

      <i class="fas fa-exclamation-circle"></i>

      <small>Error message</small>

    </div>

    <div class="form-control">

      <label for="username">Email</label>

      <input type="email" placeholder="example@gmail.com" id="email" />

      <i class="fas fa-check-circle"></i>
```

```
<i class="fas fa-exclamation-circle"></i>

<small>Error message</small>

</div>

<div class="form-control">

<label for="username">Password</label>

<input type="password" placeholder="Password" id="password" />

<i class="fas fa-check-circle"></i>

<i class="fas fa-exclamation-circle"></i>

<small>Error message</small>

</div>

<div class="form-control">

<label for="username">Password check</label>

<input type="password" placeholder="Password two" id="password2" />

<i class="fas fa-check-circle"></i>

<i class="fas fa-exclamation-circle"></i>

<small>Error message</small>

</div>

<button>Submit</button>

</form>

</div>
```

```
<script src="https://code.jquery.com/jquery-3.6.3.min.js" integrity="sha256-
pvPw+upLPUjgMXY0G+800xUf+/Im1MZjXxxgOcBQBXU=" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
```

```
<script src="dist/owl.carousel.min.js"></script>

<script src="assets/js/main.js" type="text/javascript"></script>

</head>
```

JAVASCRIPT/JQUERY

```
const BASEURL = "assets/data/";

let vinyl = null;

let genre = null;

function ajaxCallBack(nazivFajla, rezultat) {

    $.ajax({

        url: BASEURL + nazivFajla,

        method: "get",

        dataType: "json",

        success: rezultat,

        error: function (jqXHR, exception) {

            var msg = "";

            var msg = "";

            if (jqXHR.status === 0) {

                msg = 'Not connect.\n Verify Network.';

            } else if (jqXHR.status == 404) {

                msg = 'Requested page not found. [404]';

            } else if (jqXHR.status == 500) {

                msg = 'Internal Server Error [500].';

            } else if (exception === 'parsererror') {

                msg = 'Requested JSON parse failed.';
```

```
    } else if (exception === 'timeout') {

        msg = 'Time out error.';

    } else if (exception === 'abort') {

        msg = 'Ajax request aborted.';

    } else {

msg = 'Uncaught Error.\n' + jqXHR.responseText;

        }

        alert(msg);

    }

    })

}

window.onload = function () {

    let url = window.location.pathname;

    if (url == "/" || url == "/webProgramiranjeSajt2-2023/index.html") {

        ajaxCallBack("menu.json", function (rezultat) {

            ispisNavigacije(rezultat);

        })

    }

    ajaxCallBack("indexPageVinyl.json", function (rezultat) {

        ispisCarouselProizvoda(rezultat);

        sacuvajLS("svicarouselProizvodi", rezultat);

    })

    ajaxCallBack("songs.json", function (rezultat) {

        songList(rezultat);

    })

}
```

```
        muzika();
    })

    ajaxCallBack("footer.json", function (rezultat) {

        ispisFootera(rezultat);

    })

    ajaxCallBack("vinylPage.json", function (rezultat) {

        ispisProizvodanaIndexStraniciAlbum(rezultat);

    })

    }

    if (url == "/webProgramiranjeSajt2-2023/author.html") {

        ajaxCallBack("menu.json", function (rezultat) {

            ispisNavigacije(rezultat);

        })

    }

    if (url == "/webProgramiranjeSajt2-2023/contact.html") {

        ajaxCallBack("menu.json", function (rezultat) {

            ispisNavigacije(rezultat);

        })

    }

    const form = document.getElementById('form');
    const username = document.getElementById('username');
    const email = document.getElementById('email');
```



```
const password = document.getElementById('password');
const password2 = document.getElementById('password2');
```

```
form.addEventListener('submit', e => {
    e.preventDefault();

    checkInputs();
});
```

```
function checkInputs() {
    const usernameValue = username.value.trim();
    const emailValue = email.value.trim();
    const passwordValue = password.value.trim();
    const password2Value = password2.value.trim();
```

```
    if (usernameValue === "") {
        setErrorFor(username, 'Username cannot be blank');
    } else {
        setSuccessFor(username);
    }

    if (emailValue === "") {
        setErrorFor(email, 'Email cannot be blank');
    } else if (!isEmail(emailValue)) {
        setErrorFor(email, 'Not a valid email, try:username@gmail.com');
    } else {
        setSuccessFor(email);
    }

    if (passwordValue === "") {
```

```

        setErrorFor(password, 'Password cannot be blank');

        } else {

            setSuccessFor(password);

        }

    }

    if (password2Value === "") {

        setErrorFor(password2, 'Password2 cannot be blank');

        } else if (passwordValue !== password2Value) {

            setErrorFor(password2, 'Passwords does not match');

        } else {

            setSuccessFor(password2);

        }

    }

}

function setErrorFor(input, message) {

    const formControl = input.parentElement;

    const small = formControl.querySelector('small');

    formControl.className = 'form-control error';

    small.innerText = message;

}

function setSuccessFor(input) {

    const formControl = input.parentElement;

    formControl.className = 'form-control success';

}

function isEmail(email) {

return /^([^[<>()\[\]\\\.\,\:\;\s@"]+(\.[^[<>()\[\]\\\.\,\:\;\s@"]+)*)(("[^"]*"|'['']*'))@((\[([0-9]{1,3}\.){0-9}\.([0-9]{1,3}\.){0-9}\.([0-9]{1,3})\]|([a-zA-Z\-0-9]+\.)+[a-zA-Z]{2,}))$/.test(email);

}

```

```
}
```

```
if (url == "/webProgramiranjeSajt2-2023/vinyl.html") {
```

```
    ajaxCallBack("menu.json", function (rezultat) {
```

```
        ispisNavigacije(rezultat);
```

```
    })
```

```
    ajaxCallBack("footer.json", function (rezultat) {
```

```
        ispisFootera(rezultat);
```

```
    })
```

```
    ajaxCallBack("genre.json", function (rezultat) {
```

```
        genre = rezultat
```

```
        ispisGenre(genre);
```

```
        sacuvajLS("Genres", rezultat);
```

```
    })
```

```
    ajaxCallBack("sort.json", function (rezultat) {
```

```
        kreirajdropdownListu(rezultat, "ddlSort", "Sort:", "ispis-sort", "sort")
```

```
    })
```

```
    ajaxCallBack("vinylPage.json", function (rezultat) {
```

```
        vinyl = rezultat;
```

```
ispisVinyla(vinyl);
```

```
sacuvajLS("sviProizvodi", vinyl);
```

```
const search = () => {  
const searchEl = document.getElementById('genreSearch');
```

```
searchEl.addEventListener('keyup', (e) => {  
const search = e.target.value.toLowerCase();
```

```
const filteredVinyl = vinyl.filter((v) => {  
return v.artist.toLowerCase().indexOf(search) > -1;  
});
```

```
ispisVinyla(filteredVinyl);
```

```
});  
}  
search()
```

```
$(document).on('click', '#genreList', (e) => {  
const selectedGenreId = $(e.target).data('id');
```

```
if (!selectedGenreId) {  
return ispisVinyla(vinyl)
```

```
}
```

```
const filteredByGenre = vinyl.filter((v) => {  
  return v.genreid === selectedGenreId;  
});
```

```
ispisVinyla(filteredByGenre);
```

```
}}
```

```
class CartItem {  
  constructor(name, desc, img, price) {  
    this.name = name;  
    this.img = img;  
    this.desc = desc  
    this.price = price;  
    this.quantity = 1;  
  }  
};
```

```
class LocalCart {  
  static key = 'cartItems';  
  
  static getLocalCartItems() {  
    let cartMap = new Map()  
    const cart = localStorage.getItem(LocalCart.key);  
    if (cart == null || cart.length === 0) {  
      return cartMap;  
    }  
  }  
}
```

```
    }

    return new Map(Object.entries(JSON.parse(cart)))
  }

  static addItemToLocalCart(id, item) {
    let cart = LocalCart.getLocalCartItems()

    if (cart.has(id)) {
      let mapItem = cart.get(id);

      mapItem.quantity += 1;

      cart.set(id, mapItem);
    }

    else {
      cart.set(id, item);
    }

    localStorage.setItem(LocalCart.key, JSON.stringify(Object.fromEntries(cart)))

    updateCartUI();
  }

  static removeItemFromCart(id) {
    let cart = LocalCart.getLocalCartItems()

    if (cart.has(id)) {
      let mapItem = cart.get(id)

      if (mapItem.quantity > 1) {
        mapItem.quantity -= 1;

        cart.set(id, mapItem)
      }

      else {
        cart.delete(id);
      }
    }
  }
}
```

```
        if (cart.length === 0) {

            localStorage.clear()

        }

        else {

            localStorage.setItem(LocalCart.key, JSON.stringify(Object.fromEntries(cart)))

            updateCartUI();

        }

    }

};

const cartIcon = document.querySelector('.cart-box');

const wholeCartWindow = document.querySelector('.whole-cart-window')

const addToCartBtns = document.querySelectorAll('.add-cart')

addToCartBtns.forEach((btn) => {

    btn.addEventListener('click', addItemFunction)

})

function addItemFunction(e) {

const id = e.target.parentElement.parentElement.parentElement.getAttribute("data-id");

    const productData = vinyl[id];

    const name = productData.artist;

    const desc = productData.album;

    const img = productData.image;

    const price = productData.likes;
```

```
const item = new CartItem(name, desc, img, price)

LocalCart.addItemToLocalCart(id, item)

    }

    wholeCartWindow.inWindow = 0;

    cartIcon.addEventListener('mouseover', () => {
    if (wholeCartWindow.classList.contains('hide')) {

        wholeCartWindow.classList.remove('hide');

        }

    cartIcon.addEventListener('mouseleave', () => {

        setTimeout(() => {

            if (wholeCartWindow.inWindow === 0) {

                wholeCartWindow.classList.add('hide');

                }

            }, 500)

            wholeCartWindow.classList.add('hide');

        })

    })

    wholeCartWindow.addEventListener('mouseover', () => {

        wholeCartWindow.inWindow = 1;

        })

    wholeCartWindow.addEventListener('mouseleave', () => {

        wholeCartWindow.inWindow = 0;
```



```
wholeCartWindow.classList.add('hide')

    })
```

```
function updateCartUI() {

const cartWrapper = document.querySelector(".cart-wrapper")

    cartWrapper.innerHTML = "";

const items = LocalCart.getLocalCartItems('cartItems')

    if (items === null) return;

        let count = 0;

        let total = 0;

        for (const [key, value] of items.entries()) {

const cartItem = document.createElement('div')

            cartItem.classList.add('cart-item')

            let price = value.price * value.quantity

                count += 1;

                total += price

            cartItem.innerHTML = `

                <div class="details">

                    <h3>${value.name}</h3>

                    <p>${value.desc}

                    <span class="quantity">Quantity: ${value.quantity}</span>

                    <span class="price">Price: $ ${price}</span>

                    </p>

                </div>

                <div class="cancel"><i class="fas fa-window-close"></i></div>

            `

            cartItem.lastElementChild.addEventListener('click', () => {

                LocalCart.removeItemFromCart(key);

            })

        }

    }
```

```
    })

    cartWrapper.append(cartItem)
  }

  if (count > 0) {

    cartIcon.classList.add("non-empty")

    let root = document.querySelector(':root')
    root.style.setProperty('--after-content', `${count}`)

    const subtotal = document.querySelector('.subtotal')

    subtotal.innerHTML = `Subtotal: $$${total}`

  }

  else {

    cartIcon.classList.remove(".non-empty")

  }

}

document.addEventListener("DOMContentLoaded", () => { updateCartUI })

})

}
```

```
}
```

```
$(document).on("change", "#ddlSort", promena);

function ispisProizvodanaIndexStraniciAlbum(niz) {

    let html = "";

    for (let item of niz) {

        html += `

        <div class="col-md-4">

        <div class="card mb-4 box-shadow">

        <div class="card-body">

        <p class="card-text">${item.artist}</p>

        <p class="card-text">${item.notes}</p>

        <div class="d-flex justify-content-between align-items-center">

            <div class="btn-group">

                <button type="button" class="btn btn-sm btn-outline-secondary"><a href="vinyl.html">Buy Now</a></button>

                <button type="button" class="btn btn-sm btn-outline-secondary">Votes: ${item.likes}</button>

            </div>

            <small class="text-muted">9 mins</small>

        </div>

        </div>

        </div>

        </div>

        </div>`
    }
}
```

```
    }  
  
    document.querySelector(".ispis-Albuma").innerHTML = html;  
  
    }
```

```
function ispisNavigacije(niz) {  
    let html = "";  
  
    html += `<nav class="navbar navbar-expand-lg navbar-light d-flex space-evenly background-color-black">  
  
        for (objNavigacije2 of niz) {  
            if (objNavigacije2.slika)  
                html += `<a class="navbar-brand" href="${objNavigacije2.href}">  
                      
  
                `;  
        }  
  
        `<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNavAltMarkup" aria-  
            controls="navbarNavAltMarkup" aria-expanded="false" aria-label="Toggle navigation">  
            <span class="navbar-toggler-icon"></span>  
        </button>  
        <div class="collapse navbar-collapse " id="navbarNavAltMarkup">  
            <div class="navbar-nav">  
                for (let objNavigacije of niz) {
```

```
        if (!objNavigacije.slika) {

html += `<a class="nav-item nav-link active " href="${objNavigacije.href}">${objNavigacije.naziv}</a>`

        }

    }

html += `

</div></div></div></nav>`
```

```
document.getElementById("ispis-navigacije").innerHTML = html;
```

```
    }

function ispisCarouselProizvoda(niz) {

    let html = "";

    for (let objVinyl of niz) {

        html +=

            `<div class="owl-item mt-5">

                <div class="slide-product owl-carousel-item">

                    <div class="product-grid-item" data-id="${objVinyl.id}"></div>

                    <div class="product-wrapper">

                        <div class="product-element-top">

                            </img>

                        </div>

                    </div>

                </div>

            `
```

```
        <div class="quick-shop-wrapper">

        <div class="quick-shop-form"></div>

        </div>

        <div class="product-element-bottom ">

        <h3 class="font-size-15 ">${objVinyl.title}</h3>

        <h3 class="font-size-18 siva-boja-slova">${objVinyl.artist}</h3>

        <span class="price font-size-15">${objVinyl.price}$</span>

        </div>

        </div>

        </div>

        </div>`

    }

    document.querySelector(".owl-carousel").innerHTML = html;
```

```
// $('owl-carousel').owlCarousel({

    // loop:true,

    // margin:3,

    // nav:true,

    // responsive:{

        // 0:{

            // items:1

            // },

        // 600:{

            // items:3

            // }

        // }

    // })

}
```

```

function ispisFootera(niz) {

    let html = "";

    html += `<footer>

    <div class="social"><a href="#"><i class="fa-brands fa-square-instagram"></i></a><a href="#"><i class="fa-brands fa-square-snapchat"></i></a><a href="#"><i class="fa-brands fa-square-twitter"></i></a><a href="#"><i class="fa-brands fa-square-facebook"></i></a></div>

    <ul class="list-inline">`

    for (let objFooter of niz) {

        html += `<li class="list-inline-item"><a href="${objFooter.href}">${objFooter.naziv}</a></li>`

    }

    html += `</ul>

    <p class="copyright">RecordStore</p>

    </footer>`

    document.querySelector(".footer-basic").innerHTML = html;

}

```

```

function ispisVinyla(niz) {

    let html = "";

    for (let item of niz) {

        html += `<article class="product gallery__type " data-id=${item.id}>

            <div class="product-container">

            </div>

            <footer>

                <p class="product-name">${item.artist}</p>

```

```

        <p class="product-name">${item.album}</p>

        <p class="product-name">Genre:${item.genre}</p>

        <p class="product-name">${item.year}</p>

        <h4 class="product-price">Price:${item.likes}</h4>

        <button class="product-cart-btn product-icon">

        <i class="fa-solid fa-cart-shopping add-cart"></i>

        </button>

        </footer>

        </article>`

    }

    document.querySelector(".products-container").innerHTML = html;

    }

    function kreirajdropdownListu(niz, idListe, labela, idDiv, tip) {

        let html = `<div class="form-group">

        <label class="form-label"><h4>${labela}</h4></label>

        <select class="form-select" id="${idListe}">

        <option value="0">Choose</option>`;

        for (let obj of niz) {

            if (tip == "sort") {

                html += `<option value="${obj.vrednost}">${obj.naziv}</option>`

            }

            else {

                html += `<option value="${obj.id}">${obj.naziv}</option>`

            }

        }

        html += `</select>

        </div>`;
    }

```



```
document.querySelector(`#${idDiv}`).innerHTML = html;

    }

    function ispisGenre(niz) {

        let innerData = niz.map((genre) => {

return `<li data-class="${genre.name}" data-id="${genre.id}" class="active">${genre.name}</li>`

        }).join("");

    }
```

```
let html = `<ul id="genreList" class="filter__section">

    <li class="active">All</li>

    ${innerData}

</ul>`;
```

```
document.querySelector(".companies").innerHTML = html;

    }
```

```
function muzika() {

let input = document.getElementById("headshell");

let audio = document.getElementById("player");

input.addEventListener("click", function () {

    if (audio.paused) {

        audio.play();

        audio.currentTime = 0;

        input.innerHTML = "Pause";

    }

    else {

        audio.pause();

        input.innerHTML = "Play";

    }

})

}
```

```
});
```

```
}
```

```
function audioVolume(kolicina) {
```

```
let changeVolume = document.getElementsByTagName("audio")[0];
```

```
changeVolume.volume = kolicina;
```

```
}
```

```
function songList(niz) {
```

```
let html = "";
```

```
for (let pesma of niz) {
```

```
html += `<source src="${pesma.url}" type="audio/mpeg"/>`;
```

```
}
```

```
document.getElementById("player").innerHTML = html;
```

```
}
```

```
function prebacivanje() {
```

```
let dugmezaPrebacivanje = document.getElementById("dugmeZaPrebacivanje");
```

```
let vrednostSrc = document.getElementsByTagName("source");
```

```
dugmezaPrebacivanje.addEventListener("click", function () {
```

```
}}
```

```
}
```

```
function dohvatiIzLS(naziv) {
```

```
return JSON.parse(localStorage.getItem(naziv));
```

```
}
```

```
function sacuvajLS(naziv, vrednost) {  
    localStorage.setItem(naziv, JSON.stringify(vrednost));  
}
```

```
function ispisNaziv(id, nazivLS) {  
    let nizLS = dohvatiIzLS(nazivLS);
```

```
    let naziv = "";  
    for (let obj of nizLS) {  
        if (obj.id == id) {  
            naziv = obj.naziv;  
            break  
        }  
    }  
    return naziv;  
}
```

```
function promena() {  
    let proizvodi = dohvatiIzLS("sviProizvodi");  
    proizvodi = sortiranje(proizvodi);
```

```
    ispisVinyla(proizvodi);
```

```
}
```

```
function sortiranje(nizProizvoda) {
```

```
    let sortiraniProizvodi = [];  
    let izbor = $("#ddlSort").val();
```

```
        if (izbor == "0") {  
            sortiraniProizvodi = nizProizvoda;  
        }  
        else {  
            sortiraniProizvodi = nizProizvoda.sort(function (a, b) {  
                if (izbor == "cena-asc") {  
                    return a.likes - b.likes;  
                }  
                if (izbor == "cena-desc") {  
                    return b.likes - a.likes;  
                }  
                if (izbor == "naziv-asc") {  
                    if (a.artist < b.artist) {  
                        return -1;  
                    }  
                    else if (a.artist > b.artist) {  
                        return 1;  
                    }  
                    else {  
                        return 0;  
                    }  
                }  
                if (izbor == "naziv-desc") {  
                    if (a.artist > b.artist) {  
                        return -1;  
                    }  
                    else if (a.artist < b.artist) {  
                        return 1;  
                    }  
                }  
            });  
        }  
    }  
}
```

```
    }  
    else {  
return 0;  
    }  
    }  
  
    })  
    }  
return sortiraniProizvodi;  
    }
```