

DOKUMENTACIJA

Web Programiranje 2

MangaHaven

<https://kristijan44.github.io/mangahaven/>

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Smer: Internet tehnologije

Modul: Web programiranje

Predmet: Web programiranje 2

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1. Uvod

1.1 Korišćeni programski jezici

Za izradu sajta korišćeni su HTML, CSS, Javascript, jQuery, Bootstrap i XML(sitemap).

Radno okruženje je Visual Studio Code.

1.2 Opis funkcionalnosti

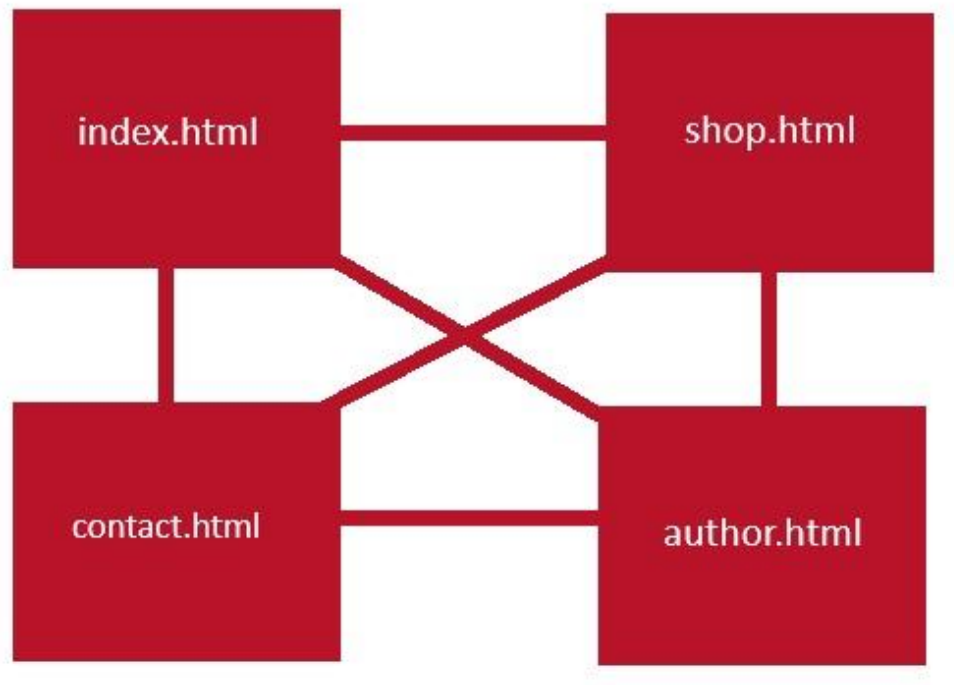
- Dinamicko ispisivanje headera i footera zajedno sa navigacionim menijem unutar headera
- Dinamicko ispisivanje proizvoda iz products.json fajla putem ajaxa i Javascript funkcije za ispis
- Sortiranje i filtriranje proizvoda po određenim kriterijumima koje bira korisnik
- Sve opcije za filtriranje su usklađene da rade uporedno
- Dugmad za proširivanje i smanjivanja količine teksta na određenim delovima stranica
- Dodavanje proizvoda u korpu
- "Scroll to top" dugme na dnu svake stranice koje vraća korisnika na vrh
- Uz bootstrap su svi elementi stranica prilagođeni veličini uređaja
- Hvatanje grešaka pri komunikaciji sa JSON fajlovima
- Prikazivanje grešaka prilikom upisa podataka na contact stranici korišćenjem regularnih izraza
- Navigacija se pretvara u toggle dugme na manjim veličinama ekrana.
- Filtriranje proizvoda koristeći search bar
- Ispis greške ukoliko ne postoji proizvod za zadate filtere
- Baneri na home stranici koji se automatski menjaju između odabranih slika na svakih par sekundi

1.3 Template

Za izradu websajta nije korišćen template. Korišćeni su delovi sajta iz Web programiranja 1 kao i jQuery plugin VanillaBox i Bootstrap.

2. Organizacija

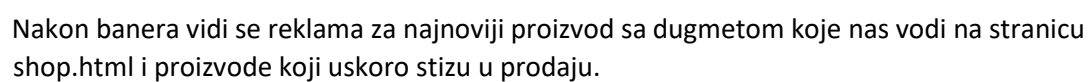
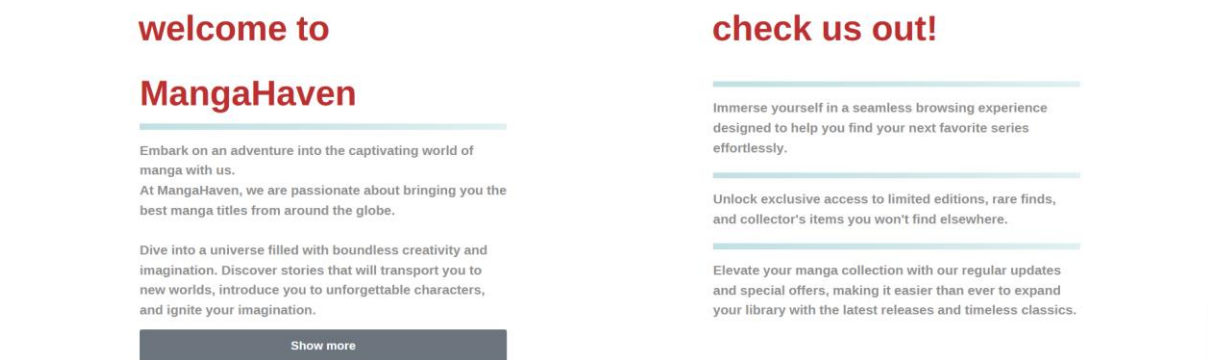
2.1 Organizaciona sema



2.2 Mapa sajta

```
3. <?xml version="1.0" encoding="UTF-8"?>
4. <urlset
5.     xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
6.     xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
7.     xsi:schemaLocation="http://www.sitemaps.org/schemas/sitemap/0.9
8.         http://www.sitemaps.org/schemas/sitemap/0.9/sitemap.xsd">
9.
10. <url>
11.   <loc>https://kristijan44.github.io/mangahaven/</loc>
12.   <lastmod>2024-03-07T23:44:43+00:00</lastmod>
13.   <priority>1.00</priority>
14. </url>
15. <url>
16.   <loc>https://kristijan44.github.io/mangahaven/store.html</loc>
17.   <lastmod>2024-03-07T23:44:43+00:00</lastmod>
18.   <priority>0.80</priority>
19. </url>
20.
21. </urlset>
```

3.1 Index.html

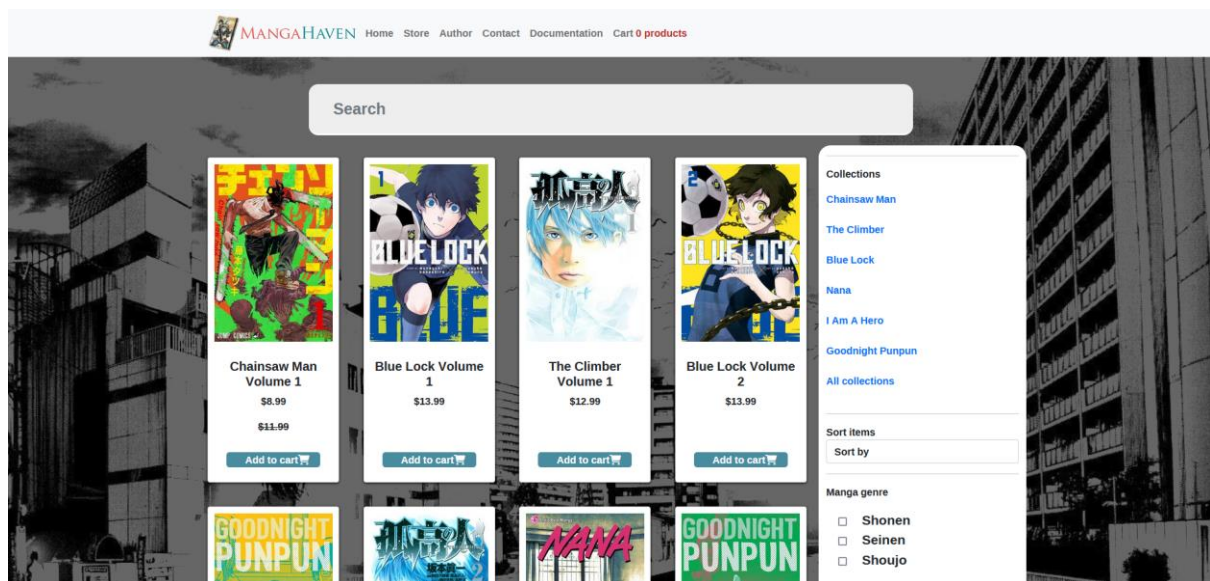


Ispod toga se nalaze dve sekcije, jedna koja predstavlja dobrodoslicu i opis sajta, jedna koja podstice kupce da posvete paznju sajtu i istraze ga. Klikom na "Show more" dugme prikazuje se više ili klikom "Show less" se prikazuje manje teksta.

Na footeru postoji link Back to top koji klikom vodi korisnika na vrh stranice. Header i footer se dinamički učitavaju i prilagođavaju po veličini ekrana.

Navigacija se pretvara u toggle dugme na manjim veličinama ekrana.

3.2 Store.html



Na ovoj stranici se prikazuju svi proizvodi i filtriraju i sortiraju po izabranim kriterijumima.

Uz pomoć LocalStorage se pamte selekcije i sort i filter funkcija i rade uporedno.

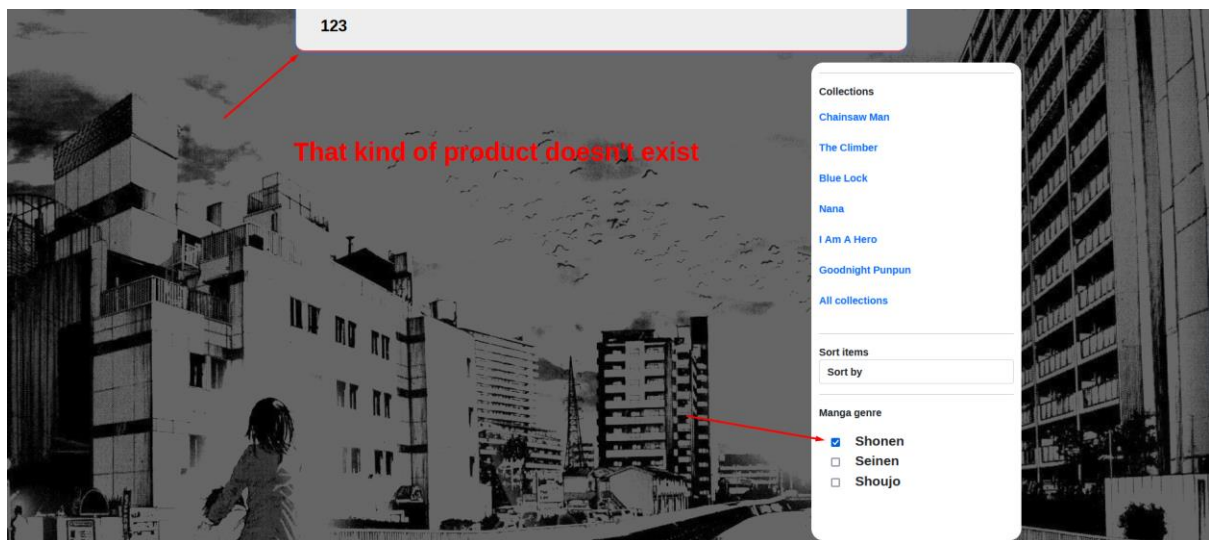
Card type checkboxovi se primenjuju nad kartama koje su već isfiltrirane po kolekciji i sortiranje radi nad svim sortovima.

Search ignoriše sort i filter jer je taj način filtriranja po pretrazi intuitivniji.

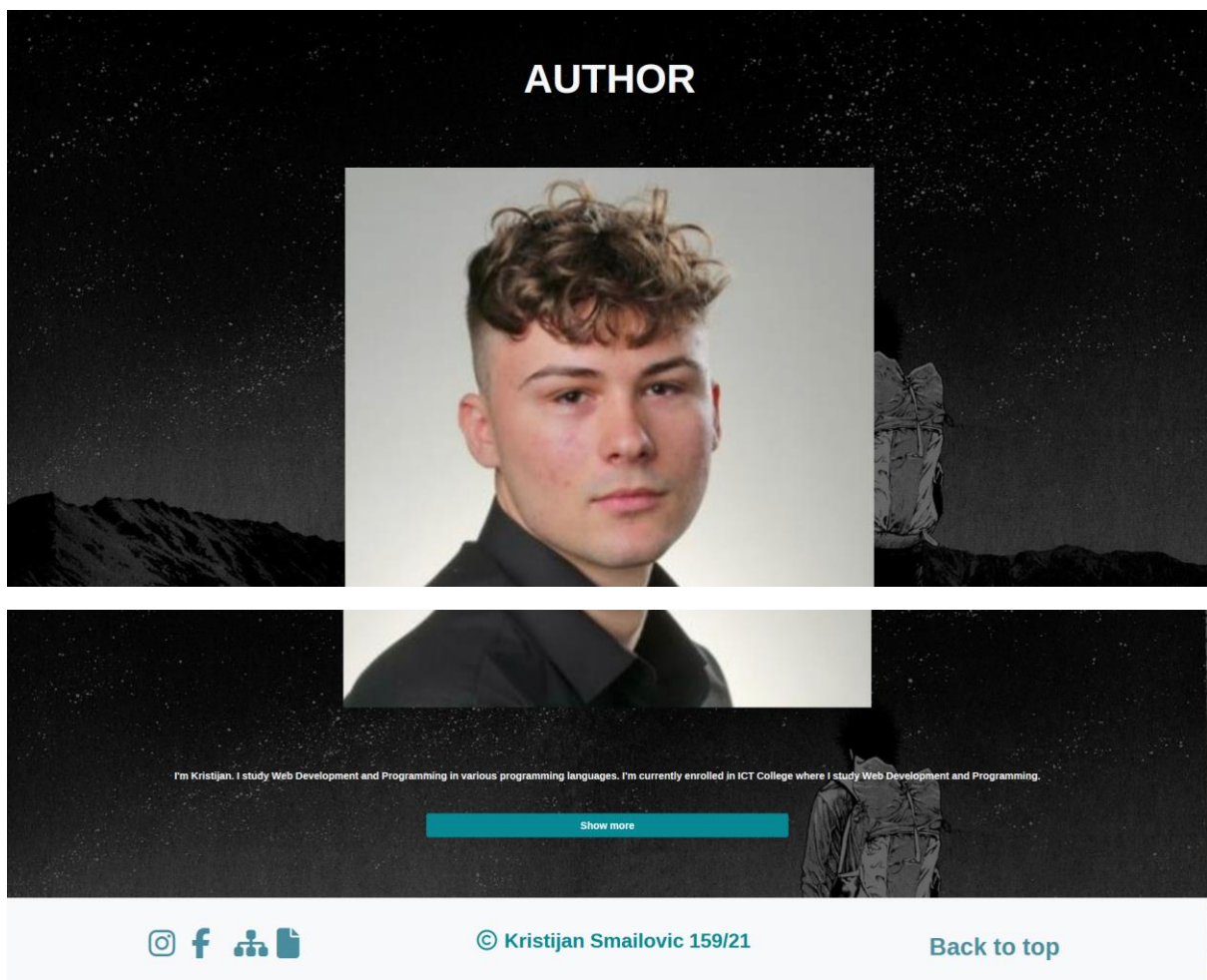
Tako se korisnicima daje izbor pretrage ako znaju šta im tačno treba ili ako nisu sigurni mogu da koriste filter i sort.

Broj elemenata po redu je prilagođen veličini ekrana.

Kada ne postoji proizvod za zadate kriterijume ispisuje se greška.



3.3 Author.html



Stranica sa detaljima o autoru. Sadrži podatke o njemu i dugme za prikazivanje manje ili više njih.

Ukoliko posetilac klikne show more prikazaće se još teksta i linkove koji vode ka socijalnim mrežama i portofoliju.

3.4 Contact.html

Contact us!

First Name

This field is required!

Last Name

This field is required!

E-mail

This field is required!

Confirm E-mail

This field is required!

Date Of Birth

Year

Month





Day

Gender

☐ Male ☐ Female ☐ Other

Please choose gender!

Submit

© Kristijan Smailovic 159/21

[Back to top](#)

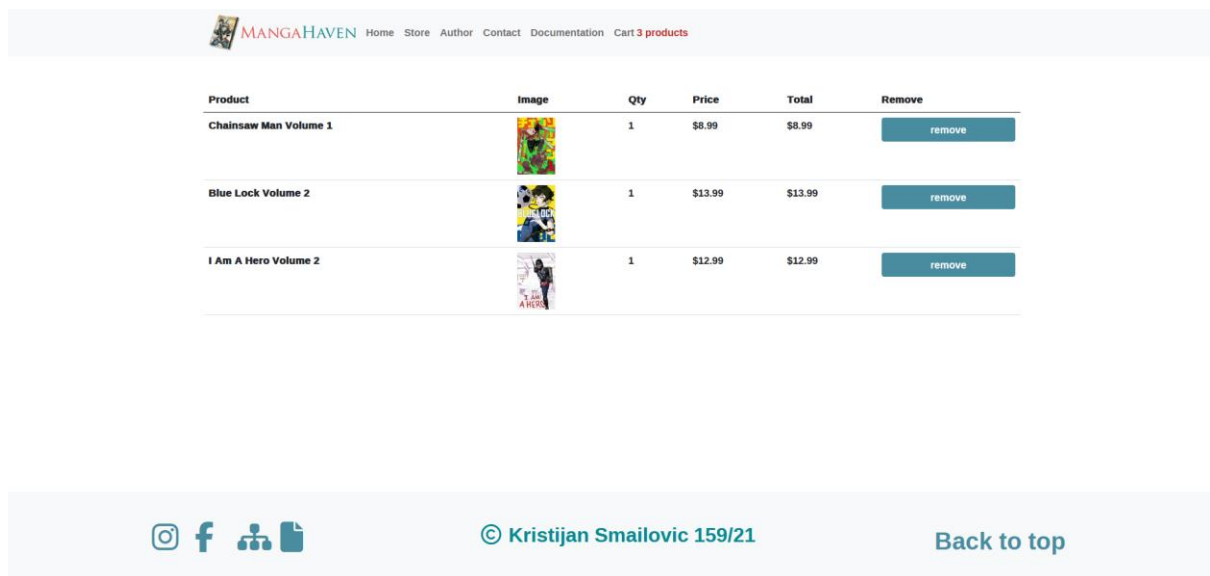
Contact stranica koristi formu i regularne izraze.

Ukoliko podaci nisu validni ispisaće se odgovarajuća greška koja će pomoći korisniku da ispravi podatke.

Npr. Ukoliko je ime upisano bez početnog velikog slova ili uopšte nije upisano prikazaće se različite greške.

Greške se ispisuju samo prilikom klika na Submit dugme da ne bi bile previše napadne korisnicima za vreme upisa podataka.

3.5 Cart.html



Na stranici cart.html su prikazani proizvodi koji su dodati u korpu.

Na dugme remove se pojedinačno uklanjaju proizvodi i ukoliko je korpa prazna ispisuje se upozorenje za korisnika.

Ukoliko je korpa prazna izbacice tekst „Your shopping cart is empty!“

4. Kod

4.1 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" />
<title>MangaHaven</title>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></sc
ript>
<link rel="icon" type="image/x-icon" href="assets/img/favicon-32x32.ico"/>
<link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.c
ss" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWfSpd3yD65VohhpUuCOmLASjC"
crossorigin="anonymous">
<link rel="stylesheet" type="text/css" href="assets/css/style.css" />
<link rel="stylesheet" href="assets/css/mediaquery.css">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
```

```

</head>
<body>
  <!--Header-->
  <header>
    <nav class="navbar navbar-light bg-light navbar-expand-sm"
id="navigation">

      </nav>
    </header>
    <div class="container-fluid" id="slider">
      <!--JS-Slider-->
    </div>
    <!--content1-->

    <div class="container-fluid" id="content1">

      <div class="row h-100 d-flex flex-wrap justify-content-center
align-items-center bg-light" id="shopAdvertisement">
        <div class="col-3">
          <h1 class="lightBlueColor text-center">Check out our
latest offers!</h1><a href="store.html">
            <br/>
            <input type="button" class="btn" id="btnShop"
value="View All"></a>
          </div>
          <div class="col-1"></div>
          <div class="col-2">
            <h1 class="redTextColor text-center">Upcoming
releases:</h1>
          </div>
          <div class="col-lg-2 col-sm-
4"></div>
          <div class="col-lg-2 col-sm-4"></div>
          </div>

          <div class="row mt-3 p-5" id="aboutBlok">
            <div class="col-1"></div>
            <div class="col-12 col-lg-4 text-left">
              <h3 class="redTextColor display-4">welcome to
MangaHaven</h3>
              <hr class="visinaZaHr lightBlueBgColor">
              <p class="lightGrayText text-left">Embark on an
adventure into the captivating world of manga with us. <br/>At MangaHaven,
we are passionate about bringing you the best manga titles from around the
globe. <br/><br/>Dive into a universe filled with boundless creativity and
imagination. Discover stories that will transport you to new worlds,
introduce you to unforgettable characters, and ignite your imagination.</p>

```

```

                <p id="showMoreTextAbout"
class="lightGrayText">We're more than just a manga store; we're your
gateway to a world of endless delight and inspiration. With our carefully
curated collection, you'll find everything from beloved classics to hidden
gems waiting to be uncovered.</p>
                <input type="button" class="mb-5 btn btn-secondary"
id="btnPrikaziVise" value="Show more">
            </div>
            <div class="col-lg-2"></div>
            <div class="col-12 col-lg-4 text-left"
id="specializationBlok">
                <h3 class="redTextColor display-4">check us out!</h3>
                <hr class="visinaZaHr lightBlueBgColor">
                <p class="mb-4">Immerse yourself in a seamless browsing
experience designed to help you find your next favorite series
effortlessly.</p>
                <hr class="visinaZaHr lightBlueBgColor">
                <p class="mb-4">Unlock exclusive access to limited
editions, rare finds, and collector's items you won't find elsewhere.</p>
                <hr class="visinaZaHr lightBlueBgColor">
                <p class="mb-4">Elevate your manga collection with our
regular updates and special offers, making it easier than ever to expand
your library with the latest releases and timeless classics.</p>
            </div>
            <div class="col-1"></div>
        </div>
        <!--content2-->
    </div>
    <div class="container-fluid mb-5" id="content2">
        <div class="row justify-content-md-center">
            <div class="col-md-auto">
                <h3 class="redTextColor display-6">Featured
authors:</h3>
            </div>
        </div>
        <!--Author cards-->
        <div class="row justify-content-md-center text-center mt-5">
            <div class="col-md-3">
                <div class="card author-card">
                    
                    <div class="card-body">
                        <h5 class="card-title mb-2 redTextColor">Inio
Asano</h5>
                        <hr class="lightBlueBgColor">
                        <br/>

```

```

        <p class="card-text">Known for creating character-
driven, realist stories, ranging from slice of life to psychological
horror.</p>

        <p class="card-text">His most known series:</p>
        <ul class="p-0">
            <li><strong>Goodnight Punpun</strong></li>
            <li><strong>A Girl on the Shore</strong></li>
            <li><strong>Solanin</strong></li>
        </ul>
        <a href="https://en.wikipedia.org/wiki/Inio_Asano"
target="_blank" class="btn btn-primary mt-auto">Learn More</a>
    </div>
</div>
<div class="col-md-3">
    <div class="card author-card">
        
        <div class="card-body">
            <h5 class="card-title mb-2 redTextColor">Shin-ichi
Sakamoto</h5>

            <hr class="lightBlueBgColor">
            <p class="card-text">Shin-ichi Sakamoto was born in
Osaka Prefecture in 1972 as the middle child of three brothers. He loved
drawing and even won some contests as a child.</p>
            <p class="card-text">His most known series:</p>
            <ul class="p-0">
                <li><strong>The Climber</strong></li>
                <li><strong>Innocent</strong></li>
                <li><strong>#DRCL midnight
children</strong></li>
            </ul>
            <a href="https://en.wikipedia.org/wiki/Shin-
ichi_Sakamoto" target="_blank" class="btn btn-primary mt-auto">Learn
More</a>
        </div>
    </div>
</div>
<div class="col-md-3">
    <div class="card author-card">
        
        <div class="card-body">
            <h5 class="card-title mb-2 redTextColor">Muneyuki
Kaneshiro</h5>

            <hr class="lightBlueBgColor">

```

```

        <p class="card-text">Muneyuki Kaneshiro is a
Japanese manga writer. After serializing several works, he launched Blue
Lock, which won the 45th Kodansha Manga Award in the shonen category. </p>
        <p class="card-text">His most known series:</p>
        <ul class="p-0">
            <li><strong>Bokutachi ga
Yarimashita</strong></li>
            <li><strong>Jagaaan</strong></li>
            <li><strong>Blue Lock</strong></li>
        </ul>
        <a
href="https://en.wikipedia.org/wiki/Muneyuki_Kaneshiro" target="_blank"
class="btn btn-primary mt-auto">Learn More</a>
    </div>
</div>
</div>
</div>
</div>
</div>
<!--FOOTER-->
<footer class="bg-light">

</footer>

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></sc
ript>
    <script src="https://kit.fontawesome.com/db78232651.js"
crossorigin="anonymous"></script>
    <script src="assets/js/main.js"></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>
    </body>
</html>

```

4.2 Store.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" />
<title>MangaHaven</title>

```

```

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></scrip
t>
<link rel="icon" type="image/x-icon" href="assets/img/favicon-32x32.ico" />
<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" type="text/css" href="assets/css/style.css" />
<link rel="stylesheet" href="assets/css/mediaquery.css">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
</head>
  <body class="d-flex flex-column min-vh-100 background">
    <div id="top"></div>
      <!--Header-->
      <header class="sticky-top">
        <nav class="navbar navbar-light bg-light navbar-expand-sm"
id="navigation">

          </nav>
        </header>
        <!--Store content-->
        <div class="container my-5">
          <div class="row">
            <!--Sort items-->
          </div>
          <div class="row">
            <form>
              <input type="text" placeholder="Search" class="form-
control" id="search">
            </form>
          </div>
          <div class="row mt-3">
            <div class="col-9">
              <div class="row" id="products"></div>
            </div>
            <div class="col-3 backgroundwhite" id="collections"></div>
          </div>
        </div>

        <!--FOOTER-->
        <footer class="bg-light mt-auto">

        </footer>

```

```

        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></scrip
t>
        <script src="https://kit.fontawesome.com/db78232651.js"
crossorigin="anonymous"></script>
        <script src="assets/js/main.js"></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>
    </body>
</html>

```

4.3 Author.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" />
<title>MangaHaven | Author</title>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></scrip
t>
<link rel="icon" type="image/x-icon" href="assets/img/favicon-32x32.ico" />
<link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWfSspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
<link rel="stylesheet" type="text/css" href="assets/css/style.css" />
<link rel="stylesheet" href="assets/css/mediaquery.css">
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/font-awesome@4.7.0/css/font-awesome.min.css">
</head>
    <body>
        <!--Header-->
        <header>
            <nav class="navbar navbar-light bg-light navbar-expand-sm"
id="navigation">

                </nav>
            </header>
            <div class="container-fluid background1" id="author">
                <div class="row d-flex justify-content-center">

```


[illegible]

```

    </footer>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></scrip
t>
<script src="https://kit.fontawesome.com/db78232651.js"
crossorigin="anonymous"></script>
<script src="assets/js/main.js"></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>
</body>
</html>

```

4.4 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" />
<title>MangaHaven | Contact</title>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></scrip
t>
<link rel="icon" type="image/x-icon" href="assets/img/favicon-32x32.ico" />
<link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWfSpd3yD65Vohhpuc0mLASjC"
crossorigin="anonymous">
<link rel="stylesheet" type="text/css" href="assets/css/style.css" />
<link rel="stylesheet" href="assets/css/mediaquery.css">
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/font-
awesome/4.7.0/css/font-awesome.min.css">
</head>

    <!--Header-->
    <header>
        <nav class="navbar navbar-light bg-light navbar-expand-sm"
id="navigation">

            </nav>
        </header>

```

```

<!--Form-->
<div class="container-fluid" id="modalBoxForm">
  <div class="container d-flex justify-content-center flex-column">
    <h2 class="text-center mb-5 display-4 text-white mt-5"
id="subscribeNaslov">Contact us!</h2>
    <!--Form-->
    <form action="#" class="d-flex align-items-center flex-column">
      <!--FirstName-->
      <div class="formElements d-flex flex-lg-row flex-column">
        <div class="d-flex flex-column">
          <input type="text" name="firstName" id="firstName"
placeholder="First Name">
          <p class="textUpozorenje" id="firstNameError"></p>
        </div>
        <!--LastName-->
        <div class="d-flex flex-column">
          <input type="text" class="ml-lg-4" name="lastName"
id="lastName" placeholder="Last Name">
          <p class="textUpozorenje ml-lg-4" id="lastNameError"></p>
        </div>
      </div>
      <!--Email-->
      <div class="formElements d-flex flex-lg-row flex-column">
        <div class="d-flex flex-column">
          <input type="email" name="email" id="email"
placeholder="E-mail">
          <p class="textUpozorenje" id="emailError"></p>
        </div>
        <!--EmailConfirm-->
        <div class="d-flex flex-column">
          <input type="text" class="ml-lg-4 w-md-100"
name="emailConfirm" id="emailConfirm" placeholder="Confirm E-mail">
          <p class="textUpozorenje ml-lg-4"
id="emailConfirmError"></p>
        </div>
      </div>
      <!--DDL Years-->
      <div id="ddlNaslov" class="mb-1 mt-4">
        <h1 class="text-white mb-5">Date Of Birth</h1>
      </div>
      <div id="ddlDatum" class="d-flex flex-lg-row flex-column mb-
lg-4">
        <div id="ddlYear" class="mb-5 mb-lg-0">
          <!--dynamic writing-->
        </div>
        <span class="hideError " id="godineError">*</span>
        <div id="ddlMonth" class="ml-lg-5 ml-0 mb-5 mb-lg-0">
          <!--dynamic writing-->

```

```

        </div>
        <span class="hideError" id="meseciError">*</span>
        <div id="ddlDay" class="m1-lg-5 m1-0">
            <!--dynamic writing-->
        </div>
        <span class="hideError" id="daniError">*</span>
    </div>
    <h1 class="text-white mt-3">Gender</h1>
    <div id="rbPolovi" class="m-5 text-white d-flex flex-lg-row">
        <input type="radio" name="Pol" id="polMuski"
value="Male"><label for="muskiPol" class="m1-3">&nbsp;&nbsp;&nbsp; Male &nbsp;&nbsp;&nbsp;</label>
        <input type="radio" name="Pol" id="polZenski"
value="Female" class="m1-5"><label for="zenskiPol" class="m1-3">&nbsp;&nbsp;&nbsp;
Female&nbsp;&nbsp;&nbsp;</label>
        <input type="radio" name="Pol" id="polMuski" value="Other"
class="m1-5"><label for="drugo" class="m1-3">&nbsp;&nbsp;&nbsp;Other&nbsp;&nbsp;&nbsp;</label>
    </div>
    <p class="textUpozorenje m1-4" id="radioButtonError"></p>
    <button type="button" class="btn btn-outline-secondary mt-5
mb-5" id="submitForme">Submit</i></button>
    </form>
</div>
</div>
    <!--FOOTER-->
    <footer class="bg-light">

    </footer>
</script>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></scrip
t>
<script src="https://kit.fontawesome.com/db78232651.js"
crossorigin="anonymous"></script>
<script src="assets/js/main.js"></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>
</body>
</html>

```

4.5 Cart.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" />
<title>MangaHaven</title>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></scrip
t>
<link rel="icon" type="image/x-icon" href="assets/img/favicon-32x32.ico" />
<link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOMmLASjC"
crossorigin="anonymous">
<link rel="stylesheet" type="text/css" href="assets/css/style.css" />
<link rel="stylesheet" href="assets/css/mediaquery.css">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
</head>
  <body class="d-flex flex-column min-vh-100">
    <!--Header-->
    <header>
      <nav class="navbar navbar-light bg-light navbar-expand-sm"
id="navigation">

        </nav>
      </header>
      <!--Writing products-->
      <div class="ads-grid py-sm-5 py-4">
        <div class="container" id="products">

          </div>
          <div class="container mt-2">
            <div class="row">
              <div class="col-md-12 text-right" id="cart-sum">
                </div>
              </div>
            </div>
          </div>
          <!--FOOTER-->
          <footer class="bg-light mt-auto">

            </footer>

            <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></scrip
t>
            <script src="https://kit.fontawesome.com/db78232651.js"
crossorigin="anonymous"></script>
            <script src="assets/js/main.js"></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>
    </body>
</html>

```

4.6 Main js

```

const BASEURL = "assets/data/";

// Function for AJAX callback
function ajaxCallBack(url, result) {
    $.ajax({
        url: url,
        method: "get",
        dataType: "json",
        success: result,
        error: function (xhr) {
            console.log(xhr);
        }
    });
}

// Function for header navigation
function header(data) {
    let html = ` <div class="container">
    <a href="index.html"></a>
    <button
    type="button"
    data-bs-toggle="collapse"
    data-bs-target="#navbarNav"
    class="navbar-toggler"
    aria-controls="navbarNav"
    aria-expanded="false"
    aria-label="Toggle navigation"
    >
        Menu
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav" id="pocetna">`;
    let activeLi = 0;
    let klasa = "";
    let brojProizvoda = getLS("brojProizvodaLS");
    for (link of data) {

```

```

        if (link.href == "cart.html") {
            if (brojProizvoda == null) {
                html += `<li class="${klasa} nav-item"><a class="nav-link"
href="${link.href}">${link.text}<span id="broj-proizvoda">0
products</span></a></li>`;
            } else {
                html += `<li class="${klasa} nav-item"><a class="nav-link"
href="${link.href}">${link.text}<span id="broj-
proizvoda">${brojProizvoda}</span></a></li>`;
            }
        } else {
            html += `<li class="${klasa} nav-item"><a class="nav-link"
href="${link.href}">${link.text}</a></li>`;
        }
    }
    html += `</ul></div></div>`;
    $("#navigation").html(html);
}

// Function for footer
function ispisFootera() {
    let html = `
<div class="container-fluid p-5">
<div class="row">
    <div class="col-lg-4 col-12 mb-5 mb-lg-0 text-center">
        <a href="https://www.instagram.com"><i class="fa fa-3x fa-brands fa-
instagram"></i></a>
        <a href="https://www.facebook.com"><i class="fa fa-3x fa-brands fa-
facebook"></i></a>
        <a href="sitemap.xml"><i class="fa fa-3x fa-sitemap"></i></a>
        <a href="Documentation.pdf"><i class="fa fa-3x fa-file"></i></a>
    </div>
    <div class="col-lg-4 col-12 mb-5 mb-lg-0 text-center">
        <h2 class="lightBlueColor"><i class="fa fa-copyright
lightBlueColor"></i>Kristijan Smailovic 159/21</h2>
    </div>
    <div class="col-lg-4 col-12 text-center">
        <a href="#navigation" id="backToTop">Back to top</a>
    </div>
</div>
</div>`;
    $("#footer").html(html);
}

// Function for local storage
function setLS(key, value) {
    localStorage.setItem(key, JSON.stringify(value));
}

```



```

function getLS(key) {
    return JSON.parse(localStorage.getItem(key));
}
function mainFunctions() {
    //Button for about
    $('#showMoreTextAbout').css("display", "none");
    $('#btnPrikaziVise').click(function (e) {
        e.preventDefault();
        if ($('#showMoreTextAbout').is(':visible')) {
            $('#showMoreTextAbout').slideUp();
            $(this).val('Show More');
        } else {
            $('#showMoreTextAbout').slideDown();
            $(this).val('Show Less');
        }
    });

    //adding text color for p tags
    $(".author-card p").addClass("GrayText");
    $("#specializationBlok p").addClass("lightGrayText");

    //SLIDER
    var i = 0;
    var nizSlika = ["banner-01", "banner-02", "banner-03"];

    function imageSlider(){
        var slider=document.getElementById("slider");
        slider.style.opacity = 1;
        setTimeout(() => {
            slider.style.opacity = 0.9;
        }, 3400);
        setTimeout(() => {
            slider.style.opacity = 0.85;
        }, 3500);
        setTimeout(() => {
            slider.style.opacity = 0.8;
        }, 3600);
        setTimeout(() => {
            slider.style.opacity = 0.75;
        }, 3700);
        setTimeout(() => {
            slider.style.opacity = 0.7;
        }, 3800);
        setTimeout(() => {
            slider.style.opacity = 0.65;
        }, 3900);
        slider.style.backgroundImage = "url('assets/img/"+nizSlika[i]+".jpg')";
    }

```

```

        slider.style.opacity=0.65;
        setTimeout(() => {
            slider.style.opacity = 0.7;
        }, 100);
        setTimeout(() => {
            slider.style.opacity = 0.75;
        }, 200);
        setTimeout(() => {
            slider.style.opacity = 0.8;
        }, 300);
        setTimeout(() => {
            slider.style.opacity = 0.85;
        }, 400);
        setTimeout(() => {
            slider.style.opacity = 0.95;
        }, 500);
        setTimeout(() => {
            slider.style.opacity = 1;
        }, 600);
        if(i < nizSlika.length-1){
            i++;
        }
        else{
            i=0;
        }

        setTimeout(imageSlider, 4000);
    }
    imageSlider();
}

// Functions from store.js
function storeFunctions() {
    const BASEURL ="assets/data/"

window.onload = function(){
    //clearing localStorage from checkboax
    setLS("kolekcijaLS",null);
    //search
    document.getElementById("search").addEventListener("input", filterPosts);
    document.getElementById("search").addEventListener("blur", clearSearch);
    //dynamically writing navigation
    ajaxCallBack(BASEURL+"menu.json",function(result){
        header(result);
    });
    //results from collections.json
    ajaxCallBack(BASEURL+"collections.json",function(result){
        printCollections(result)
    });
}

```

```

});
//results from mangas.json
ajaxCallBack(BASEURL+"mangas.json",function(result){
    //console.log(result);
    setLS("mangeLS",result);
    setLS("svemangeLS",result);
    printMangas(result);
});

//calling function for writing the footer
ispisFootera();
}
function ajaxCallBack(url,result){
    $.ajax({
        url: url,
        method: "get",
        dataType: "json",
        success:result,
        error: function (jqXHR, exception) {
            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;
            }
            return msg;}
    });
}
//search
function filterPosts(){
    const unosKorisnika = this.value;
    $.ajax({
        url: "assets/data/mangas.json",
        method: "get",
        dataType: "json",
        success:function(mange){
            const filtriraneMange = mange.filter(el=>
                {

```

```

        if (el.name.toLowerCase().indexOf(unosKorisnika.toLowerCase())
!= -1)
        {
            return true;
        }
    });
    printMangas(filtriraneMange);
},
error: function(xhr){console.log(xhr);}
});
}
//Clearing search
function clearSearch(){
    $(this).val("");
}

function setLS(key,value){
    localStorage.setItem(key,JSON.stringify(value));
}
function getLS(key){
    return JSON.parse(localStorage.getItem(key));
}

//search
document.getElementById("search").addEventListener("input", filterPosts);
document.getElementById("search").addEventListener("blur", clearSearch);
// Call the page-specific functions based on the page
const currentPage = window.location.pathname;
if (currentPage.includes("author.html")) {
    ajaxCallBack(BASEURL + "menu.json", header);
    ispisFootera();
    showMoreAuthor();
} else if (currentPage.includes("cart.html")) {
    ajaxCallBack(BASEURL + "menu.json", header);
    ispisFootera();
    cartFunctions();
} else if (currentPage.includes("contact.html")) {
    ajaxCallBack(BASEURL + "menu.json", header);
    ispisFootera();
    contactFunctions();
} else if (currentPage.includes("index.html")) {
    ajaxCallBack(BASEURL + "menu.json", header);
    ispisFootera();
    mainFunctions();
} else if (currentPage.includes("store.html")) {
    ajaxCallBack(BASEURL + "menu.json", header);
    ispisFootera();
    storeFunctions();
} else{

```

```

    ajaxCallBack(BASEURL + "menu.json", header);
    ispisFootera();
    mainFunctions();
}

```

4.7 Store.js

```

// Functions from store.js
function storeFunctions() {
    const BASEURL ="assets/data/"

    window.onload = function(){
        //clearing localStorage from checkboax
        setLS("kolekcijaLS",null);
        //search
        document.getElementById("search").addEventListener("input", filterPosts);
        document.getElementById("search").addEventListener("blur", clearSearch);
        //dynamically writing navigation
        ajaxCallBack(BASEURL+"menu.json",function(result){
            header(result);
        });
        //results from collections.json
        ajaxCallBack(BASEURL+"collections.json",function(result){
            printCollections(result)
        });
        //results from mangas.json
        ajaxCallBack(BASEURL+"mangas.json",function(result){
            //console.log(result);
            setLS("mangelS",result);
            setLS("svemangelS",result);
            printMangas(result);
        });

        //calling function for writing the footer
        ispisFootera();
    }

    //function for writing collections on store page
    function printCollections(data){
        let html=<hr/><p>Collections</p>
        for(kolekcija of data){
            html+=`<a href="#" class="filter-by-collection" data-collectionid="${kolekcija.id}">${kolekcija.name.full}</a><br/><br/>`
        }
        html+=`<a href="#" class="filter-by-collection" data-collectionid="0">All collections</a><br/><br/>`
        html+=`
        <hr/>
    
```

```

<label for="ddlSort">Sort items</label>
<select id="sort" title="ddlSort" class="form-control" name="ddlSort">
  <option value="default">Sort by</option>
  <option value="namedescending">Name Descending</option>
  <option value="nameascending">Name Ascending</option>
  <option value="priceasc">Price Ascending</option>
  <option value="pricedesc">Price Descending</option>
</select>
<hr/>
<p>Manga genre</p>
<form action="">
  <input type="checkbox" id="shonen" name="mangaType1" value="shonen">
  <label class="cardlabel" for="mangaType1">Shonen</label><br>
  <input type="checkbox" id="seinen" name="mangaType2" value="seinen">
  <label class="cardlabel" for="mangaType2">Seinen</label><br>
  <input type="checkbox" id="shoujo" name="mangaType3" value="shoujo">
  <label class="cardlabel" for="mangaType3">Shoujo</label><br><br>
</form>
`
$("#collections").html(html);
$("#collections a").click(filterByCollection);

$("#collections").click(filterByCheck);
$("#collections").click(sortDdl);
}
//function for writing products
function printMangas(data){
  let html=""
  for(manga of data){
    html+=`
    <div class="col-md-3 col-sm-6 container-fluid">
    <div class="card">
      
      <div class="card-body d-flex flex-column">
        <h5 class="text-center">${manga.name}</h5>
        `
      if(manga.price.old==null){
        html+=`<p class="card-text text-center">${manga.price.new}</p>`
      }
      else{
        html+=`<p class="card-text text-center">${manga.price.new}</p>
        <p class="card-text text-center text-decoration-line-through">${manga.price.old}</p>`
      }
      html+=`
    <div class="btn mt-auto">

```

```

        <button type="button" data-id=${manga.id} class="button
cartAdd">Add to cart<i class="fa fa-shopping-cart"></i></button>
    </div>
</div>
</div>
</div>
`
    }
    $("#products").html(html);
    if((document.getElementById("products").innerHTML)=="){
        $("#products").html(`<div id="greskaShop"><h1>That kind of product
doesn't exist</h1></div>`);
    }
    setLS("mangeLS",data);
    $('.cartAdd').click(addToCart);
}
// Filtering by collections
function filterByCollection(e){
    e.preventDefault();
    const idKolekcije=this.dataset.collectionid;
    $.ajax({
        url: "assets/data/mangas.json",
        method: "get",
        dataType: "json",
        success:function(mange){
            $("#sort").val("default");
            document.getElementById("shonen").checked = false;
            document.getElementById("seinen").checked = false;
            document.getElementById("shoujo").checked = false;
            if (idKolekcije==0){
                printMangas(mange);
                setLS("kolekcijaLS",mange);
            }
            else{
                const filtriraneMange = mange.filter(el=>
                {
                    if (el.collectionId==idKolekcije)
                    {
                        return true;
                    }
                });
                setLS("kolekcijaLS",filtriraneMange);
                printMangas(filtriraneMange);
            }
        }
    },
    error: function(xhr){console.log(xhr);}
}

```



```

    });
}
//Sorting from dropdown list
function sortDdl(){
    let mangle=getLS("mangleLS");
    let stampa;
    if ($("#sort").val()=="namedescending"){
        stampa=mangle.sort(function(a,b){
            if(a.name > b.name)
            {
                return -1
            }
            else if(a.name < b.name)
            {
                return 1
            }
            else{
                return 0
            }
        });
    }
    else if ($("#sort").val()=="nameascending"){
        stampa=mangle.sort(function(a,b){
            if(a.name > b.name)
            {
                return 1
            }
            else if(a.name < b.name)
            {
                return -1
            }
            else{
                return 0
            }
        });
    }
    else if ($("#sort").val()=="priceasc"){
        stampa=mangle.sort(function(a,b){
            if(parseFloat(a.price.new) > parseFloat(b.price.new))
            {
                return 1
            }
            else if(parseFloat(a.price.new) < parseFloat(b.price.new))
            {
                return -1
            }
            else{
                return 0
            }
        });
    }
}

```

```

    }
  });
}
else if ($("#sort").val()=="pricedesc"){
  stampa=mange.sort(function(a,b){
    if(parseFloat(a.price.new) > parseFloat(b.price.new))
    {
      return -1
    }
    else if(parseFloat(a.price.new) < parseFloat(b.price.new))
    {
      return 1
    }
    else{
      return 0
    }
  });
}
else{
  stampa = mange;
}
if(stampa!=null){
  printMangas(stampa);
}
}

```

//Filtering from checkboxes

```

function filterByCheck(){
  let prikazane=getLS("kolekcijaLS");
  if(prikazane==null){
    prikazane=getLS("svemangeLS");
  }
  let stampa1=[];
  let stampa2=[];
  let stampa3=[];
  if ($("#shonen").is(':checked')){
    stampa1=prikazane.filter(e=>e.type=="shonen");
  }
  else {stampa1=[]}
  if ($("#seinen").is(':checked')){
    stampa2=prikazane.filter(e=>e.type=="seinen");
  }
  else {stampa2=[]}
  if ($("#shoujo").is(':checked')){

```

```

        stampa3=prikazane.filter(e=>e.type=="shoujo");
    }
    else {stampa3=[]}
    let stampa=[].concat(stampa1,stampa2,stampa3);
    if($("#shonen").is(':checked') || $("#seinen").is(':checked') ||
$("#shoujo").is(':checked')){
        printMangas(stampa);
    }
    else printMangas(prikazane);
}

// Function to display cart data
function displayCartData() {
    let productInfo = getLS("svemangeLS");
    let productsCartLS = getLS("cart");
    productInfo = productInfo.filter(p => {
        for (let product of productsCartLS) {
            if (p.id == product.id) {
                p.quantity = product.qty;
                return true;
            }
        }
    });
}

// Function to remove from cart
function removeFromCart(id) {
    let korpa = getLS("cart");
    let filtered = korpa.filter(p => p.id != id);
    setLS("cart", filtered);
    displayCartData();
    printNumberOfProducts();
    location.reload();
}

// Function to print number of products
var quantity = 0;
function printNumberOfProducts() {
    let productsCart = getLS("cart");
    if (productsCart == null) {
        $("#broj-proizvoda").html("(0 products)");
    } else {
        quantity = productsCart.length;
        let numberOfProducts = quantity;
        let txt = quantity + " ";

        if (numberOfProducts == 1) {
            txt = quantity + " " + "product";
        } else {

```

```

        txt = quantity + " products";
    }
    setLS("brojProizvodaLS", txt);
    $("#broj-proizvoda").html(`${txt}`);
}
}
// Functions from cart.js
function cartFunctions() {
    const BASEURL = "assets/data/"
    window.onload = function(){
        //dynamically writing navigation
        ajaxCallBack(BASEURL+"menu.json",function(result){
            header(result);
        });
    }
    //Writing and deleting cart products
    $(document).ready(function(){
        let productsCartLS=getLS("cart");

        if (productsCartLS==null || productsCartLS.length<1){
            $("#products").html(`<div id="greskaShop"><h1>Your shopping cart is empty!</h1></div>`);
        }
        else{
            displayCartData();
            generateTable(productInfo);
        }
    });
    var productsCartLS=getLS("cart");

    //function for getting products from cart
    function displayCartData(){
        productInfo=getLS("svemangeLS");
        productInfo=productInfo.filter(p=>{
            for(let product of productsCartLS){
                if(p.id == product.id){
                    p.quantity=product.qty;
                    return true;
                }
            }
        })
    }

    var quantity=0;
    function printNumberOfProducts(){
        let productsCart = getLS("cart");
        if(productsCart == null){
            $("#broj-proizvoda").html("(0 products)");

```

```

    }
    else{
        quantity=productsCart.length;
        let numberOfProducts = quantity;
        let txt = quantity+" ";

        if(numberOfProducts == 1){
            txt = quantity+" "+"product";
        }
        else{
            txt =quantity+" products";
        }
        setLS("brojProizvodaLS",txt);
        $("#broj-proizvoda").html(`${txt}`)
    }
}
}
function addToCart(){
    let idP = $(this).data("id");
    // console.log(idP)

    let productsCart = getLS("cart");
    if(productsCart == null){
        addFirstItemToCart();
        printNumberOfProducts();
    }
    else{
        if(productIsAlreadyInCart()){
            updateQty();
            printNumberOfProducts();
        }
        else{
            addItemToCart();
            printNumberOfProducts();
        }
    }
}

function addFirstItemToCart(){
    let products = [
        {
            id: idP,
            qty: 1
        }
    ];

    setLS("cart", products);
}

```

```

function productIsAlreadyInCart(){
    return productsCart.filter(el => el.id == idP).length;
}

function updateQty(){
    let productsLS = getLS("cart");
    for(let p of productsLS){
        if(p.id == idP){
            p.qty++;
            break;
        }
    }

    setLS("cart", productsLS);
}

function addItemToCart(){
    let productLS = getLS("cart");

    productLS.push({
        id: idP,
        qty: 1
    });

    setLS("cart", productLS);
}
}
var quantity=0;
function printNumberOfProducts(){
    let productsCart = getLS("cart");
    if(productsCart == null){
        $("#broj-proizvoda").html("(0 products)");
        console.log("problem?");
    }
    else{
        quantity=productsCart.length;
        let numberOfProducts = quantity;
        let txt = quantity+" ";

        if(numberOfProducts == 1){
            txt = quantity+" "+"product";
        }
        else{
            txt =quantity+" products";
        }
        setLS("brojProizvodaLS",txt);
        $("#broj-proizvoda").html(`${txt}`)
    }
}

```

```
}  
  
}
```

4.8 Contact js

```
//REGULARNI IZRAZI  
document.getElementById("submitForme").addEventListener("click",function(){  
    //getting values from forms  
    var ime = document.getElementById("firstName").value.trim();  
    var prezime = document.getElementById("lastName").value.trim();  
    var email = document.getElementById("email").value.trim();  
    var confirmEmail = document.getElementById("emailConfirm").value.trim();  
    var godine = document.getElementById("godina").value;  
    var meseci = document.getElementById("mesec").value;  
    var dani = document.getElementById("dan").value;  
    var pol = document.getElementsByName("Pol");  
  
    //getting divs for errors  
    var imeGreska = document.getElementById("firstNameError");  
    var prezimeGreska = document.getElementById("lastNameError");  
    var emailGreska = document.getElementById("emailError");  
    var confirmEmailGreska = document.getElementById("emailConfirmError");  
    var godineGreska = document.getElementById("godineError");  
    var meseciGreska = document.getElementById("meseciError");  
    var daniGreska = document.getElementById("daniError");  
    var polGreska = document.getElementById("radioButtonError");  
  
    //regex  
  
    var regexIme = /^[A-Z][a-z]{2,15}$/;  
    var regexPrezime = /^[A-Z][a-z]{2,15}$/;  
    var regexEmail = /^[a-z]+[\.\-\_\!\a-z\d]*\@[a-z]{2,10}(\.[a-z]{2,3}){1,2}$/;  
    var regexConfirmEmail = /^[a-z]+[\.\-\_\!\a-z\d]*\@[a-z]{2,10}(\.[a-z]{2,3}){1,2}$/;  
  
    //Checking  
    //Name  
    if(ime==""){  
        imeGreska.innerHTML = "This field is required!";  
        document.getElementById("firstName").style.borderBottom = "3px solid red";  
    }  
    else if(!regexIme.test(ime)){  
        imeGreska.innerHTML = "Enter valid name!";
```



```

        document.getElementById("firstName").style.borderBottom = "3px solid
red";
    }else{
        imeGreska.innerHTML = "";
        document.getElementById("firstName").style.borderBottom = "3px solid
green";
    }

    //Last Name
    if(prezime==""){
        prezimeGreska.innerHTML = "This field is required!";
        document.getElementById("lastName").style.borderBottom = "3px solid
red";
    }
    else if(!regexPrezime.test(prezime)){
        prezimeGreska.innerHTML = "Enter valid lastname!";
        document.getElementById("lastName").style.borderBottom = "3px solid
red";
    }else{
        prezimeGreska.innerHTML = "";
        document.getElementById("lastName").style.borderBottom = "3px solid
green";
    }

    //email
    if(email==""){
        emailGreska.innerHTML = "This field is required!";
        document.getElementById("email").style.borderBottom = "3px solid red";
    }
    else if(!regexEmail.test(email)){
        emailGreska.innerHTML = "Enter valid e-mail!";
        document.getElementById("email").style.borderBottom = "3px solid red";
    }else{
        emailGreska.innerHTML = "";
        document.getElementById("email").style.borderBottom = "3px solid
green";
    }

    //confirmEmail
    if(confirmEmail==""){
        confirmEmailGreska.innerHTML = "This field is required!";
        document.getElementById("emailConfirm").style.borderBottom = "3px
solid red";
    }
    else if(email!=confirmEmail){
        confirmEmailGreska.innerHTML = "Please confirm with correct e-mail!";
        document.getElementById("emailConfirm").style.borderBottom = "3px
solid red";
    }

```

```

    }
    else{
        confirmEmailGreska.innerHTML = "";
        document.getElementById("emailConfirm").style.borderBottom = "3px
solid green";
    }

    //year
    if(godine == "Year") {
        godineGreska.classList.add("showError");
    } else {
        godineGreska.classList.remove("showError");
        console.log("Izabrana godina");
    }

    //month
    if(meseci == "Month") {
        meseciGreska.classList.add("showError");
    } else {
        meseciGreska.classList.remove("showError");
        console.log("Izabran mesec");
    }

    //day
    if(dani == "Day") {
        daniGreska.classList.add("showError");
    } else {
        daniGreska.classList.remove("showError");
        console.log("Izabran dan");
    }

    //Gender
    let isValidPol = false;

    for(let i=0; i< pol.length; i++){
        if(pol[i].checked){
            isValidPol = true;
            break;
        }
    }

    if(!isValidPol){
        polGreska.innerHTML = "Please choose gender!";
    }
    else {
        polGreska.innerHTML = "";
        console.log("Chosen gender");
    }
})

```

4.9 Author js

```
function mainFunctions() {
    //Button for about
    $('#showMoreTextAbout').css("display", "none");
    $('#btnPrikaziVise').click(function (e) {
        e.preventDefault();
        if ($('#showMoreTextAbout').is(':visible')) {
            $('#showMoreTextAbout').slideUp();
            $(this).val('Show More');
        } else {
            $('#showMoreTextAbout').slideDown();
            $(this).val('Show Less');
        }
    });
};
```

4.10 Style.css

```
@import
url("https://fonts.googleapis.com/css2?family=Ramabhadra&display=swap");
* {
    margin: 0;
    padding: 0; }

html {
    scroll-behavior: smooth; }

body {
    font-family: "Ramabhadra", sans-serif;
}

a {
    text-decoration: none; }

.visinaZaHr {
    padding-top: 0.5vw; }

.lightGrayText {
    color: #8f8f8f; }
.GrayText{color: #5c5c5c}

.blueBgColor {
    background: linear-gradient(90deg, #498c9f 0%, #8cb7c3 50%, #b2cfd7 76%,
#c7dce2 100%, #d8e7eb 100%, white 100%); }

.blueTextColor {
```

```

        color: #3f47cc; }

.redTextColor{
    color: #bb3030;
}

.lightBlueBgColor {
    background: linear-gradient(90deg, #068992 0%, #40a0a7 50%, #89c6ca 100%,
#b2d3d6 100%, rgb(255, 226, 188) 100%); }
.lightBlueColor{color: #068992;}

#shopAdvertisement img{
    height: 20vw;
    margin: auto;
    display: block;
    padding: 1vw 0;
}

#shopAdvertisement .btn{
    height: 100%;
    background-color:#40a0a7 ;
    color: #fff;
}

.author-card {
    margin: 0px 10px;
}

.author-img {
    width: 150px;
    height: 150px;
    object-fit: cover;
    border-radius: 50%;
    display: block;
    margin: 0 auto;
}

ul li{
    text-decoration: none;
    list-style-type: none;
}

.card img{
    padding:0.5vw;
}

.card-body{display: flex; flex-direction: column;}
.card button{
    background-color: #498c9f;
    color:#fff;
    width:100%;
}

#content2 a{

```

```

background-color: #40a0a7;
border-color: #177d85;
}
i {
  font-size: 2vw;
  cursor: pointer;
  width: 4%;
  transition: 0.4s; }
i:hover {
  text-shadow: 0px 0px 6px black; }
  footer a {
    color: #498c9f; }
    footer a:hover {
      color: #c06d6d;
      text-decoration: none; }
    footer i:hover {
      text-shadow: 0px 0px 0px black; }
    footer #backToTop {
      font-size: 2vw; }
    footer i{
      margin: 0 20px;
    }
  #aboutBlok p {
    font-size: 1.1vw; }
  #aboutBlok #btnPrikaziVise {
    font-size: 1vw;
    padding: 10px; }
  #aboutBlok #specializationBlok p {
    font-size: 1.1vw; }
#slider {
  background-image: url(../img/banner-01.jpg);
  transition: background-image 1s ease;
  background-repeat: no-repeat;
  background-position: center;
  background-size: cover;
  height: 35vh; }
#slider #modalBoxContact {
  position: absolute;
  right: 20px;
  top: 20px;
  width: 4%;
  height: 8%;
  background-color: rgba(255, 255, 255, 0.9);
  border-radius: 50%; }
#slider #modalBoxContact i:hover {
  text-shadow: 0px 0px 10px #fbad6b; }
#slider img{
  opacity: 50%;

```

```
}  
.imgs{  
  margin: 0px;  
}  
  
.btn{  
  width: 100%;  
}  
.btn button{  
  border-radius: 5px;  
  border: none;  
  letter-spacing: bold;  
  margin-top: 6px;  
  cursor:pointer;  
}  
.card{  
  box-shadow: 0px 1px 4px #000;  
  transition: transform 0.5s;  
}  
.card:hover{  
  transform: translateY(-15px);  
}  
  
#btnPrikaziViseAutor{  
  background-color:#068992 ;  
  color: #fff;  
  width: 30vw;  
}  
  
.background{  
  background: rgba(0, 0, 0, .60) url('../img/background2.jpg');  
  background-blend-mode: darken;  
  background-size: cover;  
  background-attachment: fixed;  
  height: 100%;  
}  
.background1{  
  background: rgba(0, 0, 0, .60) url('../img/background1.jpg');  
  background-blend-mode: darken;  
  background-size: cover;  
  background-attachment: fixed;  
  height: 100%;  
}  
  
.backgroundwhite{background-color: white; border-radius: 1vw;}  
  
#collections{height: 750px;}
```

```
/* Contact form */
#modalBoxForm i {
  color: white; }
#modalBoxForm i:hover {
  color: #c24b4b; }
#modalBoxForm{
  background: linear-gradient(90deg, #498c9f 0%, #8cb7c3 50%, #b2cfd7 76%,
#c7dce2 100%, #d8e7eb 100%, white 100%); }

form .formElements {
  margin-top: 10px;
  margin-bottom: 10px; }
form .textUpozorenje {
  text-align: left;
  color: red; }
form input{
  margin:0 1vw;
}
form input[type="text"], form input[type="email"] {
  background: transparent;
  border-bottom: 3px solid white;
  font-size: 1.3vw;
  margin-bottom: 5%;
  padding: 3%;
  color: white;
  border-top-width: 0px;
  border-left-width: 0px;
  border-right-width: 0px; }
form ::placeholder {
  color: white;
  opacity: 0.5; }
form input[type="text"]:focus {
  outline: none;
  border-bottom: 3px solid #c24b4b;
  transition: 0.5s; }
form input[type="email"]:focus {
  outline: none;
  border-bottom: 3px solid #c24b4b;
  transition: 0.5s; }
form select {
  -webkit-appearance: none;
  -moz-appearance: none;
  appearance: none;
  font-size: 1.3vw;
  width: 150px;
  background: transparent;
  color: white;
  border: 3px solid #fff;
```

```
padding: 3%;
margin: 0 1vw;
background-image: url("../img/arrowdownedit.png");
background-repeat: no-repeat;
background-position: 98% center;
cursor: pointer; }
form select:focus {
  outline: none;
  border: 3px solid #c24b4b;
  transition: 0.5s; }
  form select:focus option {
    background-color: #8f8f8f; }
form input[type="radio"] {
  width: 20px;
  height: 20px; }
form label {
  font-size: 1.1vw; }
form .btn-outline-secondary {
  color: white !important;
  border: 4px solid white !important;
  font-size: 1.3vw;
  border-radius: 0 !important; }
  form .btn-outline-secondary:hover {
    background-color: #c24b4b; }
form .borderUpozorenje {
  border-bottom: 3px solid red; }
form .hideError {
  display: none; }
form .showError {
  display: block;
  color: red;
  margin-left: 5px;
  font-size: 1vw; }
#products .col-md-3{
  padding: 0.6vw;
}
#products .col-sm-6{
  padding: 1vw;
}
.card{
  height: 100%;
}
#search{
  background-color: #eee;
  color:#000;
  border-radius: 15px;
  width: 50vw;
  height: 40px;
```



```

    margin:0 auto;
}
#greskaShop{
    text-align: center;
    color: red;
    margin-top: 6vw;
}
#broj-proizvoda{
    color:#bb3030;
}
.image-cart{
    height: 90px;
}
table .btn{
    width: 100%;
    height: 100%;
    background-color:#498c9f ;
    color: #fff;
}

```

4.11 Mediaquery.css

```

@media (max-width: 1600px){

    .menu--off #leftArrow{
        font-size: 3vw;
        right: 10px;
    }
    #gornjiLeviBlok #bars{
        font-size: 3vw;
    }
}

@media (max-width: 1400px){

    footer i{
        font-size: 3vw;
    }
    #gornjiLeviBlok h1{
        font-size: 5vw;
    }
}

@media (max-width: 1250px){
    #menu #nav ul li a{
        font-size: 4vw;
    }
}

```

```

}
input[type="text"],input[type="email"]{
    width: 250px;
}
form input[type="text"]::placeholder{
    font-size: 2.5vw;
}
form input[type="email"]::placeholder{
    font-size: 2.5vw;
}

form select{
    width: 160px;
    font-size: 2vw;
}
form input[type="radio"]{
    width: 25px;
    height: 25px;
}
form label{
    font-size: 2.5vw;
}
form .btn-outline-secondary{
    font-size: 2vw;
}

#aboutBlok #specializationBlok i{
    font-size: 4vw;
}
#aboutBlok #specializationBlok p{
    font-size: 2.4vw;
}

#aboutBlok p{
    font-size: 2vw;
}

#aboutBlok #btnPrikaziVise{
    font-size: 2vw;
}
#author p{
    font-size: 2.5vw;
}
#author #showMoreAuthor a i{
    font-size: 5vw;
}
}

```

```
@media (max-width: 1100px){
  .menu--off #leftArrow{
    font-size: 3vw;
    right: 10px;
  }
  #gornjiLeviBlok h1{
    font-size: 6vw;
  }
  #author p{
    font-size: 3vw;
  }
  #author input[type="button"]{
    font-size: 3vw;
  }
}
```

```
@media (max-width: 991px){
  #menu #nav ul li a{
    font-size: 6vw;
  }
  form select{
    width: 180px;
    font-size: 2.3vw;
  }
  form .btn-outline-secondary{
    font-size: 3vw;
  }

  footer i{
    font-size: 4.5vw;
  }
  footer #backToTop{
    font-size: 3.5vw;
  }
  .cardlabel{
    font-size: 3.5vw;
  }
}
```

```
@media (max-width: 767.98px) {
  footer #backToTop{
    font-size: 4vw;
  }
  form select{
    width: 250px;
    font-size: 3vw;
  }
  form label{
```

```

        font-size: 3vw;
    }
    input[type="text"],input[type="email"]{
        width: 330px;
    }
    form input[type="text"]::placeholder{
        font-size: 3.3vw;
    }
    form input[type="email"]::placeholder{
        font-size: 3.3vw;
    }
    #aboutBlok #specializationBlok i{
        font-size: 10vw;
    }
    #aboutBlok #specializationBlok p{
        font-size: 4.5vw;
    }

    #aboutBlok #btnPrikaziVise{
        font-size: 3vw;
    }
    #gornjiLeviBlok h1{
        font-size: 11vw;
    }
    #gornjiLeviBlok #bars{
        font-size: 6vw;
    }
    #author p{
        font-size: 4.5vw;
    }
    #author input[type="button"]{
        font-size: 4vw;
    }
    #author #showMoreAuthor a i{
        font-size: 7vw;
    }
    footer i{
        font-size: 5.5vw;
    }
    #collections{height: 790px;}
}

@media (max-width: 575.98px) {
    .menu--off #leftArrow{
        font-size: 8vw;
        right: 20px;
    }
    form select{

```

```
        font-size: 4vw;
    }
    .fill{
        width: 100%;
        height: 100%;
    }

    form input[type="text"]::placeholder{
        font-size: 5vw;
    }
    form input[type="email"]::placeholder{
        font-size: 5vw;
    }
    form label{
        font-size: 5vw;
    }

    form input[type="text"],input[type="email"]{
        width: 250px;
        height: 45px;
        font-size: 5vw;
    }
    form .btn-outline-secondary{
        font-size: 5vw;
    }
    #content1 h2{
        font-size: 14vw;
    }
    #aboutBlok #specializationBlok i{
        font-size: 8.5vw;
    }
    #aboutBlok #specializationBlok p{
        font-size: 5vw;
    }

    #aboutBlok #btnPrikaziVise{
        font-size: 3.5vw;
    }
    #radnici h2{
        font-size: 10vw;
    }
    #author input[type="button"]{
        font-size: 5vw;
    }
    #author #showMoreAuthor a i{
        font-size: 9vw;
    }
    footer i{
```

```

        font-size: 6.5vw;
    }
    footer #backToTop{
        font-size: 4.5vw;
    }
    #collections{height: 820px;}
}

@media (max-width: 445.98px){

    #aboutBlok #specializationBlok p{
        font-size: 5vw;
    }

    #aboutBlok #btnPrikaziVise{
        font-size: 4vw;
    }
    #content1 #aboutBlok h3{
        font-size: 10vw;
    }
    #gornjiLeviBlok h1{
        font-size: 14vw;
    }
    #gornjiLeviBlok #bars{
        font-size: 8vw;
    }
    #author p{
        font-size: 5.5vw;
    }
    footer i{
        font-size: 7.5vw;
    }
    .menu--off #leftArrow{
        font-size: 10vw;
        right: 20px;
    }
}

@media (max-width: 375.98px){
    #menu #nav ul li a{
        font-size: 8vw;
    }
    form input[type="text"]::placeholder{
        font-size: 6vw;
    }
    form input[type="email"]::placeholder{
        font-size: 6vw;
    }
}

```

```

form select{
    font-size: 6vw;
}

form input[type="text"],input[type="email"]{
    width: 230px;
    height: 45px;
    font-size: 6vw;
}

#aboutBlok #specializationBlok i{
    font-size: 15vw;
}
#aboutBlok #specializationBlok p{
    font-size: 5vw;
}

#content1 #aboutBlok h3{
    font-size: 12vw;
}

footer i{
    font-size: 8.5vw;
}
footer #backToTop{
    font-size: 5.5vw;
}
}

```

5. JSON fajlovi

5.1 Menu.json

```

[
  {
    "href": "index.html",
    "text": "Home"
  },
  {
    "href": "store.html",
    "text": "Store"
  },
  {
    "href": "author.html",
    "text": "Author"
  }
]

```

```

    },
    {
      "href": "contact.html",
      "text": "Contact"
    },
    {
      "href": "Documentation.pdf",
      "text": "Documentation"
    },
    {
      "href": "cart.html",
      "text": "Cart "
    }
  ]

```

5.2 Collections.json

```

[
  {
    "id": "1",
    "name": {
      "full": "Chainsaw Man"
    }
  },
  {
    "id": "2",
    "name": {
      "full": "The Climber"
    }
  },
  {
    "id": "3",
    "name": {
      "full": "Blue Lock"
    }
  },
  {
    "id": "4",
    "name": {
      "full": "Nana"
    }
  },
  {

```



```

        "id": "5",
        "name":
        {
            "full": "I Am A Hero"
        }
    },
    {
        "id": "6",
        "name":
        {
            "full": "Goodnight Punpun"
        }
    }
}
]

```

5.3 Mangas.json

```

[
    {
        "id": 1,
        "image": "assets/img/chainsawman1.jpg",
        "name": "Chainsaw Man Volume 1",
        "price":
        {
            "new": "8.99",
            "old": "11.99"
        },
        "collectionId": "1",
        "type": "shonen"
    },
    {
        "id": 2,
        "image": "assets/img/bluelock1.jpg",
        "name": "Blue Lock Volume 1",
        "price":
        {
            "new": "13.99",
            "old": null
        },
        "collectionId": "3",
        "type": "shonen"
    },
    {
        "id": 3,
        "image": "assets/img/theclimber1.jpg",
        "name": "The Climber Volume 1",
    }
]

```

```
    "price":
    {
      "new": "12.99",
      "old": null
    },
    "collectionId": "2",
    "rarity": "secret",
    "type": "seinen"
  },
  {
    "id": 4,
    "image": "assets/img/bluelock2.jpg",
    "name": "Blue Lock Volume 2",
    "price":
    {
      "new": "13.99",
      "old": null
    },
    "collectionId": "3",
    "type": "shonen"
  },
  {
    "id": 5,
    "image": "assets/img/punpun1.jpg",
    "name": "Goodnight Punpun Volume 1",
    "price":
    {
      "new": "9.99",
      "old": "13.99"
    },
    "collectionId": "6",
    "type": "seinen"
  },
  {
    "id": 6,
    "image": "assets/img/theclimber2.jpg",
    "name": "The Climber Volume 2",
    "price":
    {
      "new": "12.99",
      "old": null
    },
    "collectionId": "2",
    "type": "seinen"
  },
  {
    "id": 7,
    "image": "assets/img/nana1.jpg",
```

```
"name": "Nana Volume 1",
"price":
{
  "new": "11.99",
  "old": "15.99"
},
"collectionId": "4",
"type": "shoujo"
},
{
  "id": 8,
  "image": "assets/img/punpun2.jpg",
  "name": "Goodnight Punpun Volume 2",
  "price":
  {
    "new": "9.99",
    "old": "13.99"
  },
  "collectionId": "6",
  "type": "seinen"
},
{
  "id": 9,
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  "name": "Nana Volume 2",
  "price":
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    "old": "15.99"
  },
  "collectionId": "4",
  "type": "shoujo"
},
{
  "id": 10,
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  "name": "Blue Lock Volume 3",
  "price":
  {
    "new": "13.99",
    "old": null
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  "collectionId": "3",
  "type": "shonen"
},
{
  "id": 11,
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{
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  "old": null
},
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},
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    "old": "13.99"
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  "collectionId": "6",
  "type": "seinen"
},
{
  "id": 13,
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  "name": "I Am A Hero Volume 1",
  "price":
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    "new": "12.99",
    "old": "14.99"
  },
  "collectionId": "5",
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},
{
  "id": 14,
  "image": "assets/img/iamahero2.jpg",
  "name": "I Am A Hero Volume 2",
  "price":
  {
    "new": "12.99",
    "old": "14.99"
  },
  "collectionId": "5",
  "type": "seinen"
},
{
  "id": 15,
  "image": "assets/img/nana3.jpg",
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  "old": "15.99"
},
"collectionId": "4",
"type": "shoujo"
},
{
  "id": 16,
  "image": "assets/img/bluelock4.jpg",
  "name": "Blue Lock Volume 4",
  "price":
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    "old": null
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  "collectionId": "3",
  "type": "shonen"
},
{
  "id": 17,
  "image": "assets/img/iamahero3.jpg",
  "name": "I Am A Hero Volume 3",
  "price":
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    "old": "14.99"
  },
  "collectionId": "5",
  "type": "seinen"
},
{
  "id": 18,
  "image": "assets/img/nana4.jpg",
  "name": "Nana Volume 4",
  "price":
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    "new": "11.99",
    "old": "15.99"
  },
  "collectionId": "4",
  "type": "shoujo"
},
{
  "id": 19,
  "image": "assets/img/iamahero4.jpg",
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    "price":
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        "old": "14.99"
    },
    "collectionId": "5",
    "type": "seinen"
},
{
    "id": 20,
    "image": "assets/img/punpun4.jpg",
    "name": "Goodnight Punpun Volume 4",
    "price":
    {
        "new": "9.99",
        "old": "13.99"
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    "type": "seinen"
}
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