

Dokumentacija

Fresh Pair Store

<https://fresh-pair-store.000webhostapp.com>

Ime i prezime: Marko Tanacković

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 sledeći jezici:

- HTML
- CSS/SCSS
- Bootstrap v5.0
- JavaScript
- jQuery
- JSON
- XML

Kucano u Visual Studio Code.

1.2 Opis funkcionalnosti

- Sajt je responsive i prilagođen prikazu na svim ekranima.
- Navigacioni meni se dohvata iz JSON fajla pomoću AJAX-a, pa se zatim dinamički ispisuju na svakoj stranici pomoću JavaScript-a.
- Linkovi u futeru se dohvataju iz JSON fajlova pomoću AJAX-a, pa se zatim dinamički ispisuju na svakoj stranici pomoću JavaScript-a.
- Navigacioni meni je prilagođen svim rezolucijama tako da se na manjim rezolucijama pojavljuje „hamburger“ i klikom na njega se proširuje meni. Ovo je realizovano pomoću Bootstrap-a.
- Proizvodi kao i filteri(brend, cena) se dohvataju iz JSON fajlova pomoću AJAX-a, pa se zatim dinamički ispisuju.
- Slider slika za svaki proizvod realizovan pomoću Bootstrap-a.
- Funkcionalnost filtriranje i sortiranja proizvoda po izabranim kriterijumima.
- Funkcionalnost dodavanja proizvoda u korpu.
- U korpi se dodati proizvodi dinamički ispisuju zajedno sa ukupnom cenom.
- Obrada forme sa regularnim izrazima, ispis grešaka preko placeholder-a i potvrda o uspešnom slanju forme.

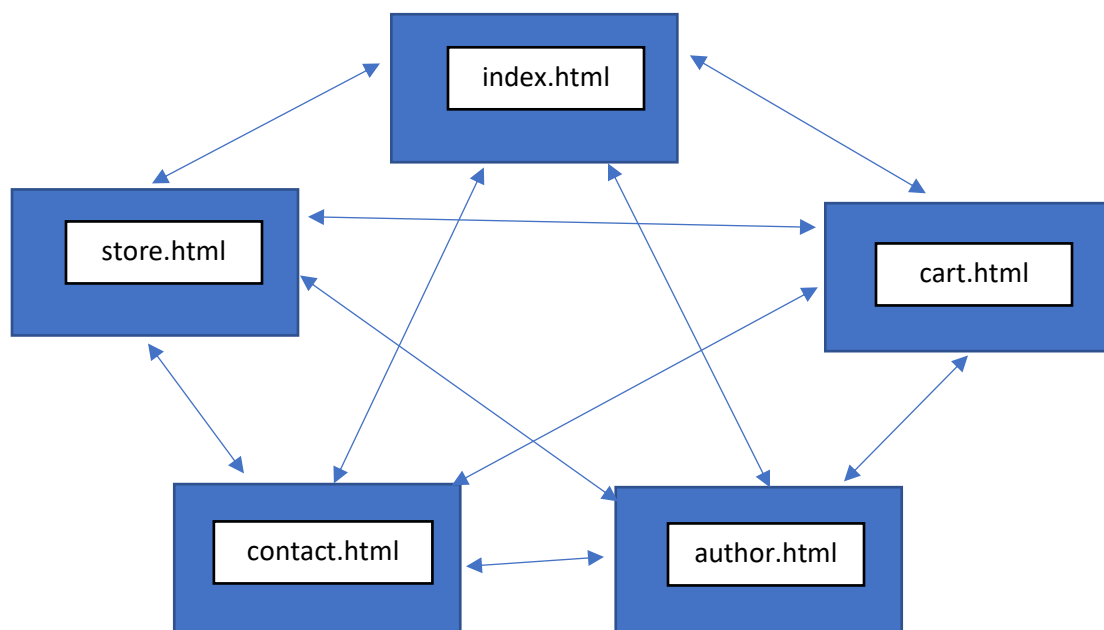
1.3 Template

Za izradu sajta nije korišćen gotov template, sajt je ručno pisan uz pomoć Bootstrap-a.

2. Organizacija

2.1 Organizaciona šema

Sa svake stranice se može pristupiti svakoj stranici.



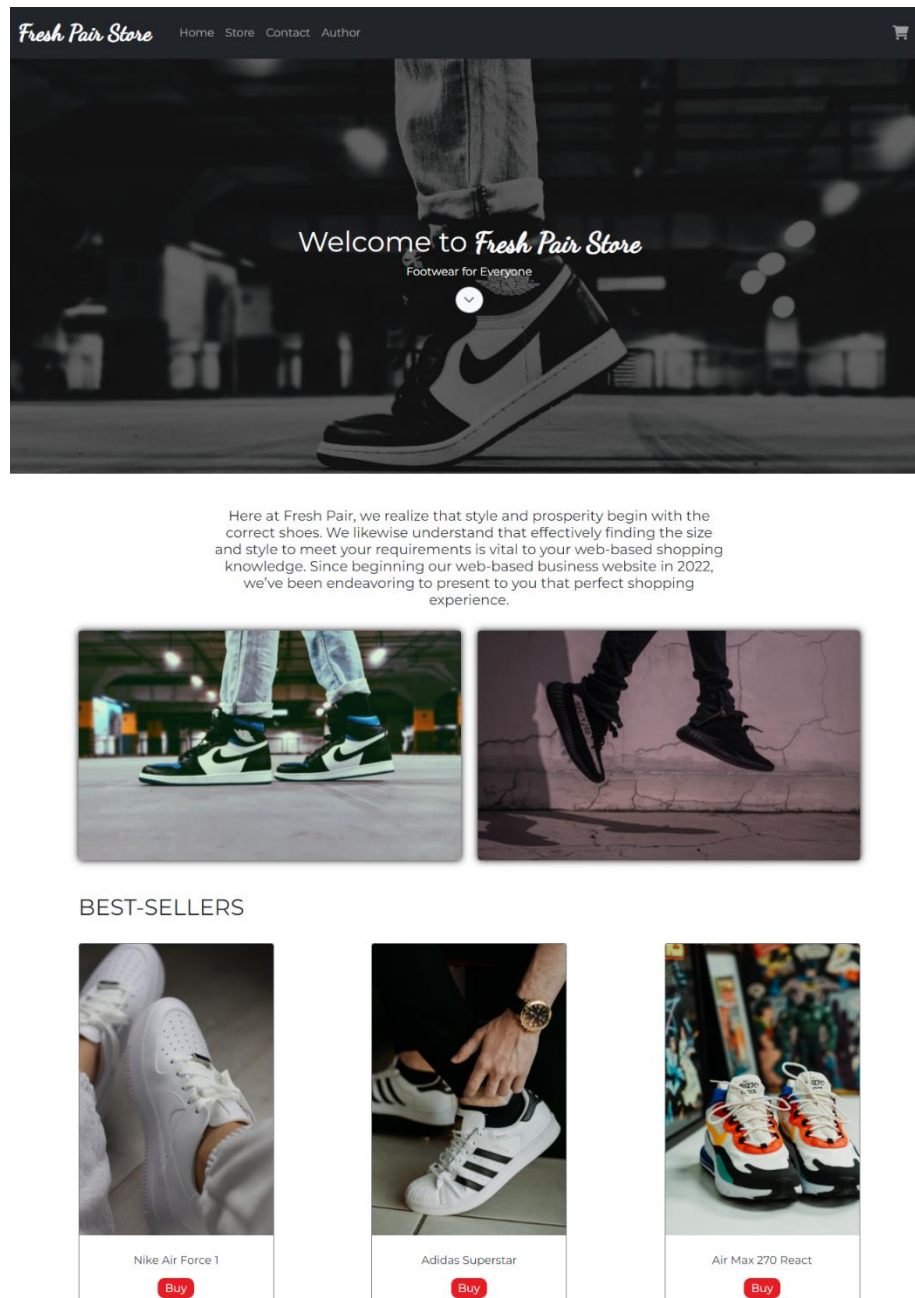
2.2 Mapa sajta

```
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
  <url>
    <loc>https://fresh-pair-store.netlify.app/index.html</loc>
    <lastmod>2022-08-03</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.90</priority>
  </url>
  <url>
    <loc>https://fresh-pair-store.netlify.app/store.html</loc>
    <lastmod>2022-08-03</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.90</priority>
  </url>
  <url>
    <loc>https://fresh-pair-store.netlify.app/cart.html</loc>
    <lastmod>2022-08-03</lastmod>
    <changefreq>daily</changefreq>
    <priority>1.00</priority>
  </url>
  <url>
    <loc>https://fresh-pair-store.netlify.app/contact.html</loc>
    <lastmod>2022-08-03</lastmod>
    <changefreq>monthly</changefreq>
    <priority>0.60</priority>
  </url>
  <url>
    <loc>https://fresh-pair-store.netlify.app/author.html</loc>
    <lastmod>2022-08-03</lastmod>
    <changefreq>yearly</changefreq>
    <priority>0.40</priority>
  </url>
</urlset>
```

2.3 Opis funkcionalnosti na stranici

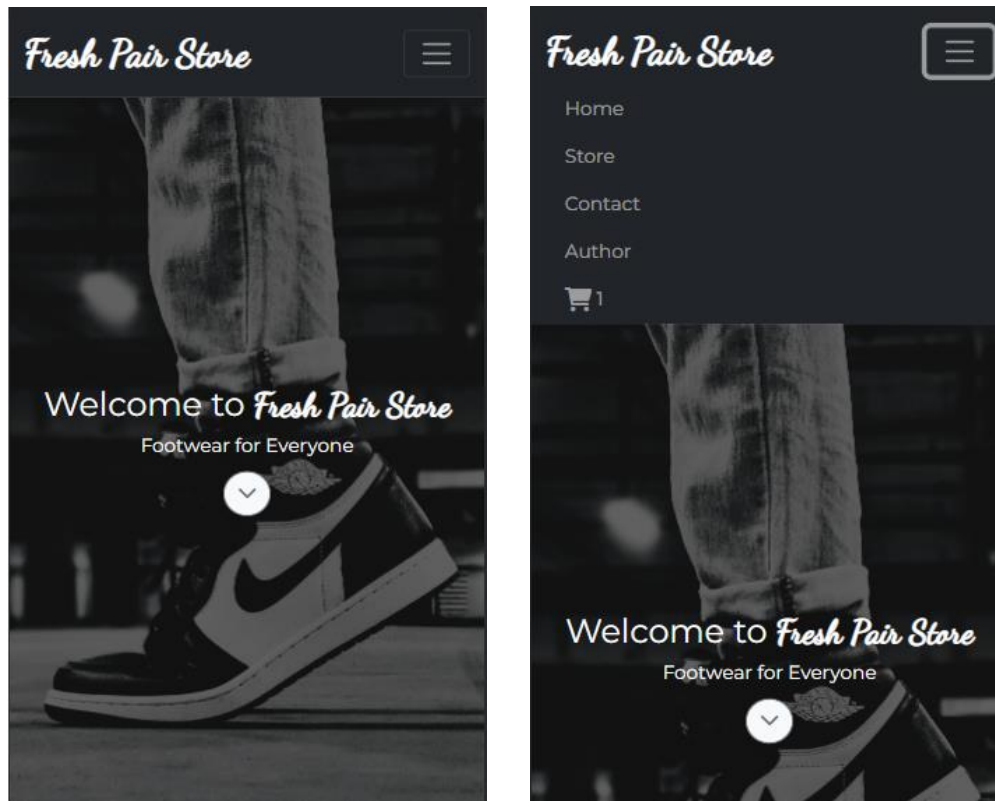
2.3.1 index.html

Prilikom učitavanja strane AJAX-om se dohvata JSON fajl u kojem se nalaze tekst i putanje ka stranicama. Zatim se pomoću JavaScript-om ispisuje navigacioni meni.

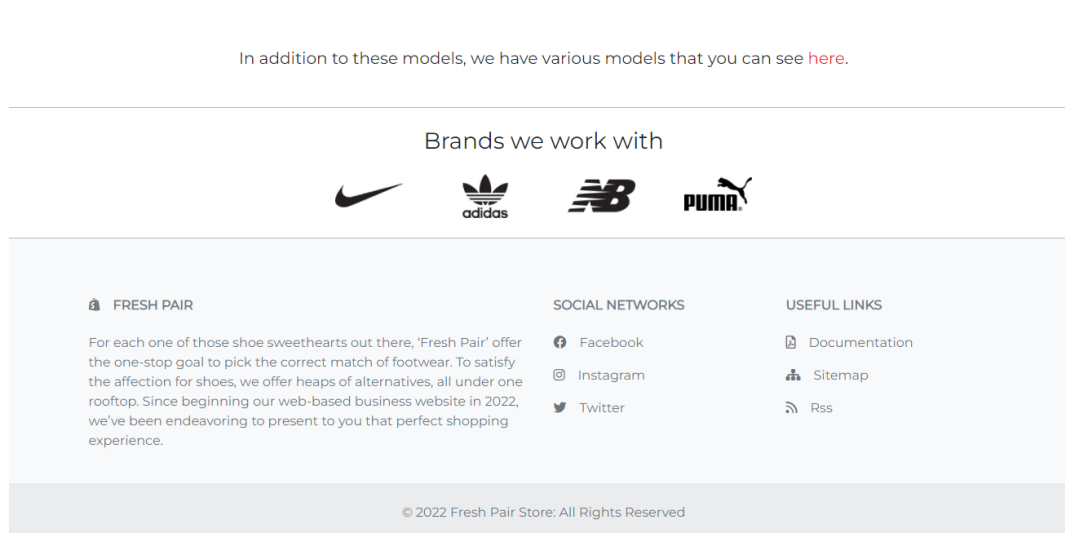


Dinamički se ispisuju i najprodavanije patike.

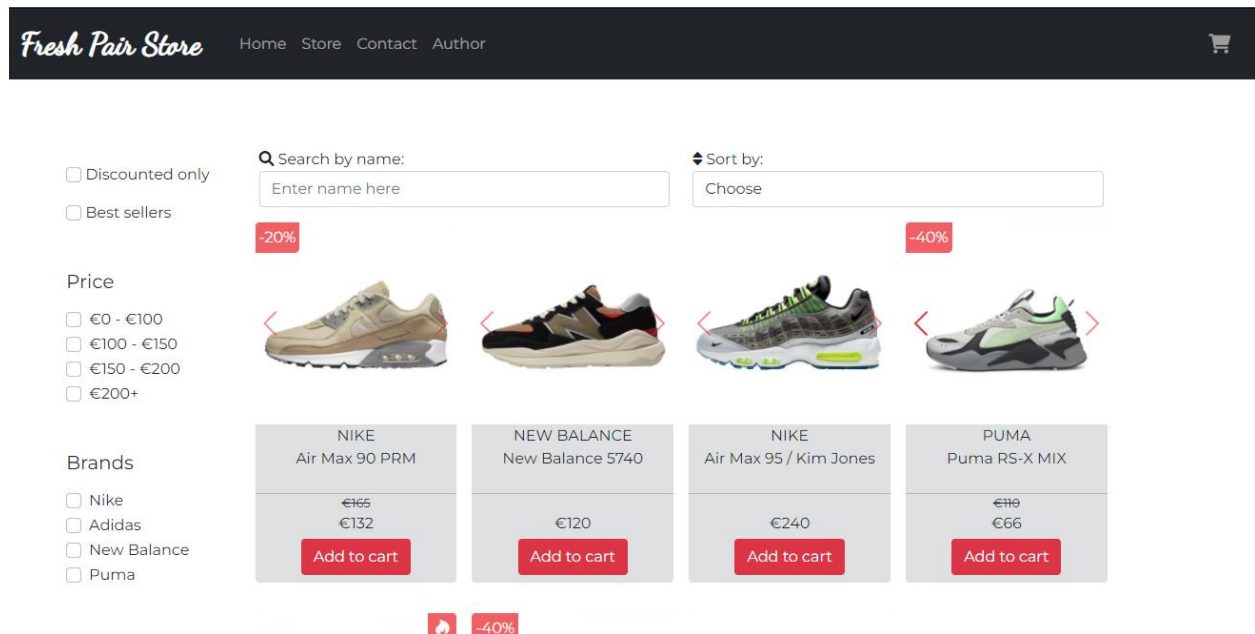
Navigacioni meni je prilagođen svim rezolucijama tako što se na manjim rezolucijama pojavljuje „hamburger“ i klikom na njega se prikazuje navigacioni meni.



Prilikom učitavanja se AJAX-om dohvataju JSON fajlovi za društvene mreže i korisne linkove u futeru. Pomoću JavaScript-a se oni ispisuju u futeru. Takođe se pored ikonice korpe ispisuje broj elemenata u slučaju da ih ima.



2.3.2 store.html

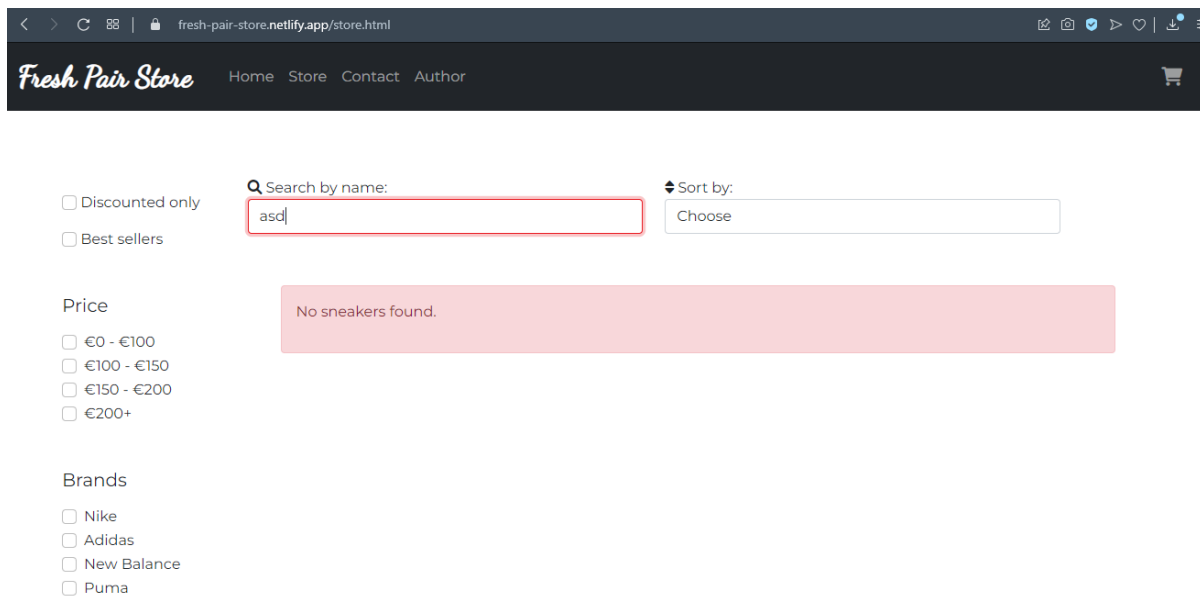


Kao i na index stranici i ovde se meni i linkovi u futeru prilikom učitavanja stranice dohvataju pomoću AJAX-a i ispisuju pomoću JavaScript-a. Na ovoj stranici su prikazani svi proizvodi. Proizvodi, filteri za cenu i za brend se dohvataju AJAX-om iz JSON fajlova i pomoću JavaScript-a se ispisuju. Svaki proizvod ima 3 slike koje su prikazane u vidu slider-a koji je realizovan pomoću Bootstrap-a.

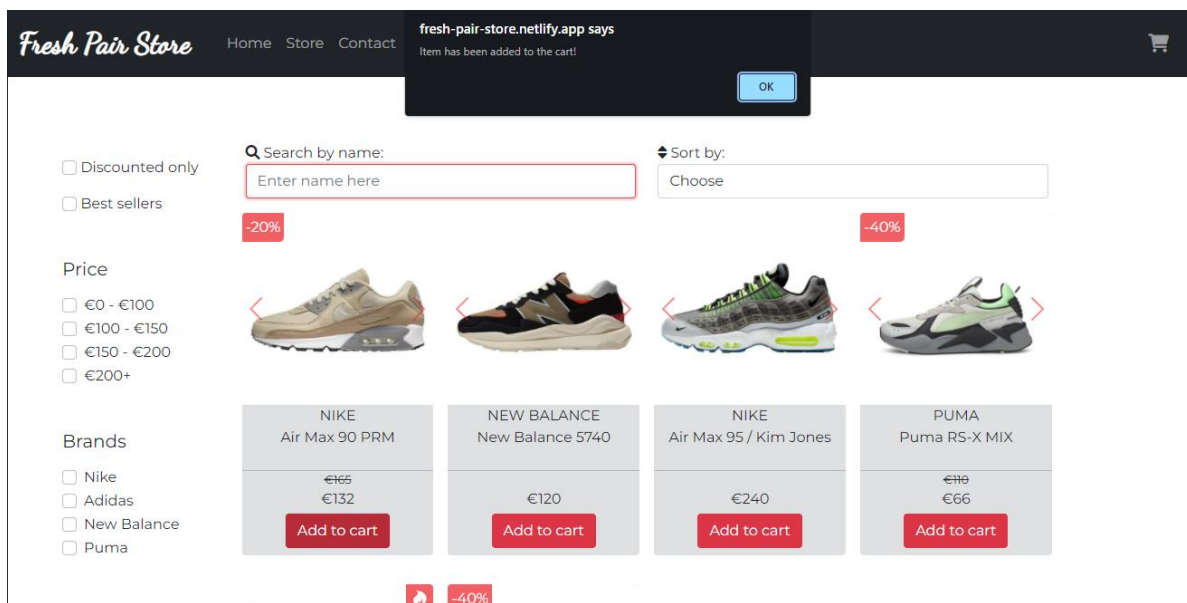
Moguće je sortirati po ceni u rastućem i opadajućem redosledu, po imenu takođe po rastućem i opadajućem redosledu, kao i po popustu. Moguće je i pretražiti po nazivu. Sa leve strane se nalaze filteri gde imamo različite filtere:

- Popust – prikazuju se samo oni proizvodi koji imaju popust
- Najprodavanije – prikazuju se best-selleri
- Cena – prikazuju se samo oni koji imaju cenu u određenom rasponu
- Brend – prikazuju se proizvodi određenog brenda

U slučaju da nema proizvoda sa pretraženim imenom ili ne postoji proizvod sa određenim filterima ispisuje se poruka da ne postoje takvi proizvodi.

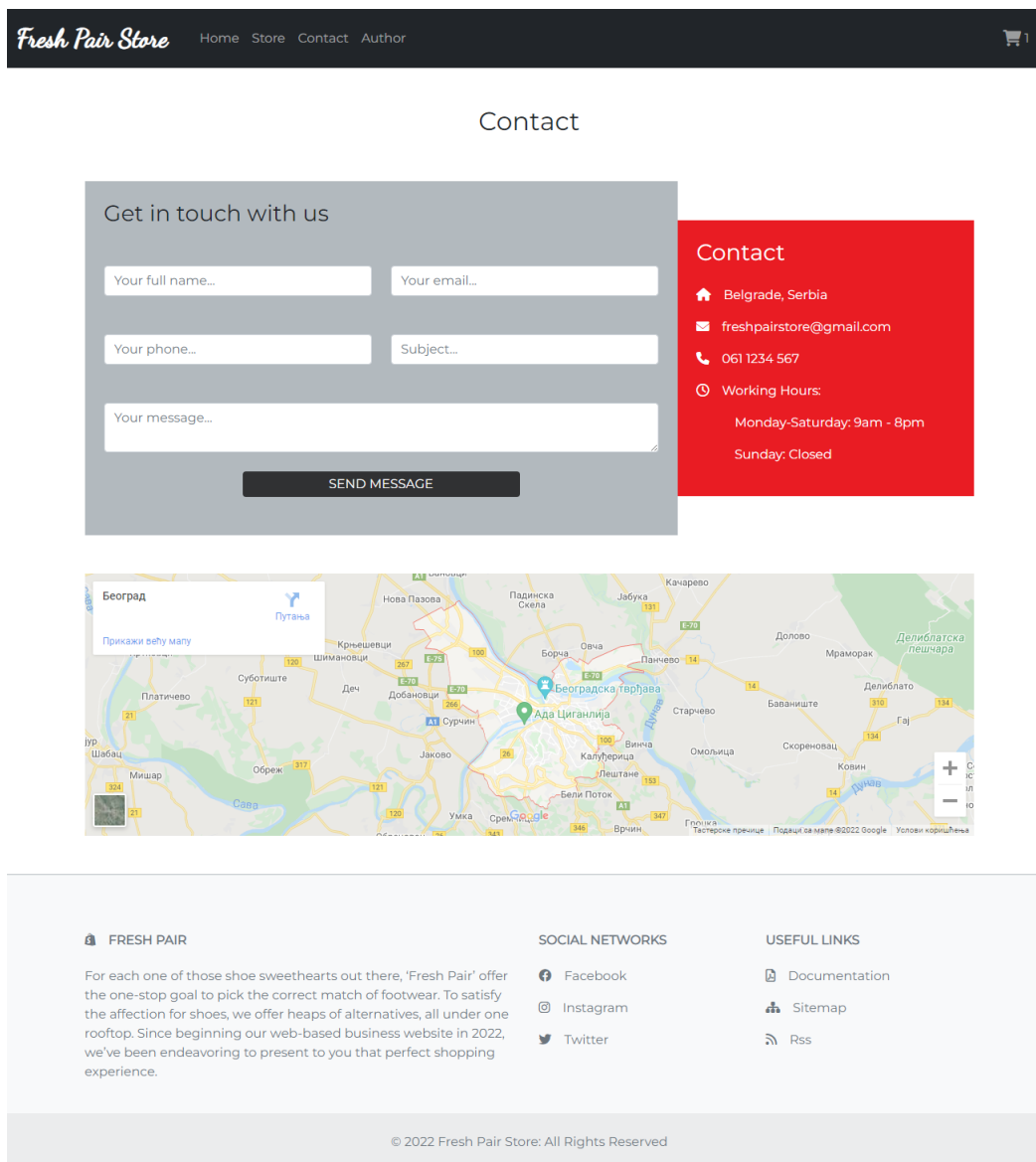


Klikom na dugme „Add to cart“ proizvod se dodaje u korpu preko LocalStorage-a i izaći će alert popup koji signalizira da je proizvod uspešno dodat u korpu. Samim tim će se pored dugmeta za korpu prikazati broj različitih proizvoda u korpi.



2.3.3 contact.html

Kao i na index stranici i ovde se meni i linkovi u futeru prilikom učitavanja stranice dohvataju pomoću AJAX-a i ispisuju pomoću JavaScript-a. Na ovoj stranici se nalaze forma za kontakt, ostale informacije za kontakt i lokacija na mapi. Klikom na dugme „Send Message“ podaci iz forme se proveravaju regularnim izrazima i u slučaju greške, ona se ispisuje u placeholder-u tog elementa forme. Ako su svi podaci iz forme pravilno ispisani pojaviće se tekst ispod dugmeta da je forma uspešno poslata.



Contact

Get in touch with us

Please provide valid name.

Email can not be empty.

Phone number can not be empty.

Subject can not be empty.

Message can not be empty.

SEND MESSAGE

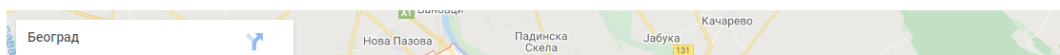
Contact

🏠 Belgrade, Serbia

✉️ freshpairstore@gmail.com

☎️ 061 1234 567

🕒 Working Hours:
Monday-Saturday: 9am - 8pm
Sunday: Closed



Contact

Get in touch with us

Marko Marković

primer@gmail.com

066 6666 666

Naslov

Poruka

SEND MESSAGE

Successful

Contact


🏠 Belgrade, Serbia


✉️ freshpairstore@gmail.com

☎️ 061 1234 567

🕒 Working Hours:
Monday-Saturday: 9am - 8pm
Sunday: Closed

2.3.4 author.html

Fresh Pair Store [Home](#) [Store](#) [Contact](#) [Author](#) 




About me

Hi, I am Marko Tanacković and I am a second year student of ICT College.




I graduated from electrical engineering high school "Nikola Tesla" and interest in computers and web design led me to ICT College. Although my skills are limited at this moment, I will continuously try to improve them.

✉ marko.tanackovic.12.20@ict.edu.rs




 **FRESH PAIR**

For each one of those shoe sweethearts out there, 'Fresh Pair' offer the one-stop goal to pick the correct match of footwear. To satisfy the affection for shoes, we offer heaps of alternatives, all under one rooftop. Since beginning our web-based business website in 2022, we've been endeavoring to present to you that perfect shopping experience.

SOCIAL NETWORKS

-  Facebook
-  Instagram
-  Twitter

USEFUL LINKS

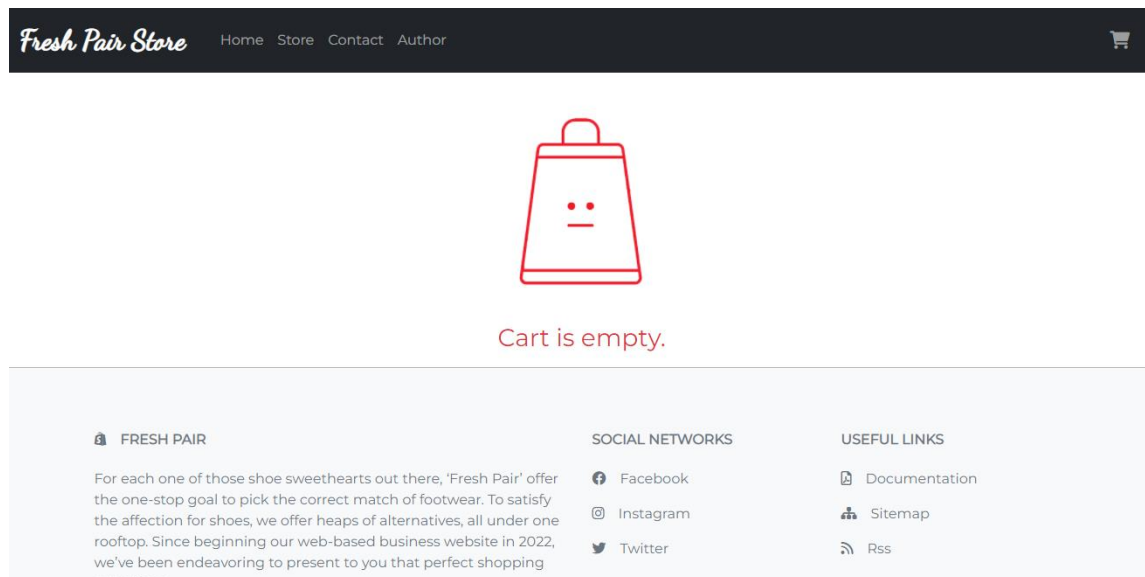
-  Documentation
-  Sitemap
-  Rss

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Kao i na index stranici i ovde se meni i linkovi u futeru prilikom učitavanja stranice dohvataju pomoću AJAX-a i ispisuju pomoću JavaScript-a. Na ovo stranici nema posebnih funkcionalnosti, osim prikaza broja različitih proizvoda u korpi kao i na drugim stranicama.

2.3.5 cart.html

Kao i na index stranici i ovde se meni i linkovi u futeru prilikom učitavanja stranice dohvataju pomoću AJAX-a i ispisuju pomoću JavaScript-a. Kada se stranica učitava proverava se da li ima proizvoda u korpi, ako je korpa prazna korisniku će se prikazati slika „Cart is empty“.




Ako u korpi ima proizvoda oni će se dinamički ispisati iz LocalStorage-a. Za svaki proizvod će biti prikazana slika, naziv, cena po komadu i količina u vidu input taga ispod koje se množi za ukupnu cenu tog proizvoda. Količina se menja pomoću input tag-a, nije moguće staviti 0.

Pored svakog proizvoda ima dugme za brisanje i klikom na dugme se uklanja taj proizvod iz korpe. Ispod proizvoda se nalazi ukupna cena svih proizvoda, dugme za brisanje svih predmeta iz LocalStorage-a i dugme za poručivanje.

Fresh Pair Store
Home Store Contact Author

2




Air Max 90 PRM
Price
€132

Quantity

132€

Remove



New Balance 5740
Price
€120

Quantity

240€

Remove

Total Sum is 372€
Purchase
Remove All

FRESH PAIR

SOCIAL NETWORKS


USEFUL LINKS

Kada se klikne na dugme za poručivanje, prikazuje se alert popup koji obaveštava o uspešnoj porudžbini i daje nam broj porudžbine, pa se onda svi proizvodi iz korpe uklone.

Fresh Pair Store
Home Store Contact

fresh-pair-store.netlify.app says
Your purchase is successful.
Order number: 636981

2




Air Max 90 PRM
Price
€132

Quantity

132€

Remove



New Balance 5740
Price
€120

Quantity

240€

Remove

Total Sum is 372€
Purchase
Remove All

FRESH PAIR

SOCIAL NETWORKS

USEFUL LINKS

3. Kodovi

3.1 HTML

3.1.1 index.html

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="description" content="Fresh Pair Store - Sneakers For
Everyone. Best price and sneakers quality."/>
    <meta name="keywords" content="sneakers, store, nike, adidas, puma, new
balance"/>
    <meta name="author" content="Marko Tanackovic"/>
    <title>Fresh Pair Store</title>
    <link rel="shortcut icon" href="assets/img/icon.ico" type="image/x-icon">
    <script src="https://kit.fontawesome.com/3bf0f4cc54.js"
crossorigin="anonymous"></script>
    <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">
  </head>
  <body>
    <header>
      <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
        <div class="container-fluid">
          <a class="navbar-brand fw-bold" href="index.html">Fresh Pair
Store</a>
          <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbar-links" aria-controls="navbar-links"
aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="collapse navbar-collapse" id="navbar-links">
            <ul id="nav-menu" class="navbar-nav ms-3 me-auto mb-2 mb-lg-
0">

              </ul>
            <span class="cart ms-3 me-3">
              <a href="cart.html">
```

```

        <i class="fa-solid fa-cart-shopping fa-lg"></i>
        <span class="number"></span>
    </a>
</span>
</div>
</div>
</nav>
</header>
<section id="background-cover">
    <div id="transparent">
        <div id="welcome" class="text-center">
            <h1>Welcome to <span class="fw-bold">Fresh Pair Store</span></h1>
            <h2>Footwear for Everyone</h2>
            <button type="button" class="btn btn-light btn-outline-secondary
mt-1 rounded-circle" tabindex="0"><a href="#about-us"><i class="fa-solid fa-
chevron-down"></i></a></button>
        </div>
    </div>
</section>
<section id="about-us">
    <div class="container text-center mt-5 mb-5">
        <div class="row">
            <div class="information col-8 mx-auto">
                <h3>Here at Fresh Pair, we realize that style and
prosperity begin with the correct shoes. We likewise understand that effectively
finding the size and style to meet your requirements is vital to your web-based
shopping knowledge. Since beginning our web-based business website in 2022, we've
been endeavoring to present to you that perfect shopping experience.</h3>
            </div>
            <div class="mx-auto col-lg-6 mt-4">
                
            </div>
            <div class="mx-auto col-lg-6 mt-4">
                
            </div>
        </div>
    </div>
</section>
<section id="best-sellers">
    <div class="container">
        <h2 class="text-uppercase mt-5">Best-sellers</h2>
        <div class="d-flex justify-content-between" id="best-sellers-
main">

```



```

        </div>
        <h5 class="text-center my-5">In addition to these models, we have
various models that you can see <a href="store.html">here</a>.</h5>
    </div>
</section>
<section id="brands">
    <div class="container">
        <div class="row text-center mb-4">
            <h3 class="my-4">Brands we work with</h3>
            <div id="brand-pictures" class="mx-auto col-12 col-lg-6">
                <div class="row">
                    <div class="brand-picture col-3">
                        
                    </div>
                    <div class="brand-picture col-3">
                        
                    </div>
                    <div class="brand-picture col-3">
                        
                    </div>
                    <div class="brand-picture col-3">
                        
                    </div>
                </div>
            </div>
        </div>
    </div>
</section>
<footer class="text-center text-lg-start bg-light text-muted pt-4">
    <div class="container text-center text-lg-start mt-5">
        <div class="row mt-3">
            <div class="col-lg-6 mx-auto mb-4">
                <h6 class="text-uppercase fw-bold mb-4">
                    <i class="fa-brands fa-shopify me-3"></i>Fresh Pair
                </h6>
                <p>
                    For each one of those shoe sweethearts out there, 'Fresh
Pair' offer the one-stop goal to pick the correct match of footwear. To satisfy
the affection for shoes, we offer heaps of alternatives, all under one rooftop.

```

Since beginning our web-based business website in 2022, we've been endeavoring to present to you that perfect shopping experience.

```
        </p>
      </div>
      <div class="col-lg-3 mx-auto mb-4">
        <h6 class="text-uppercase fw-bold mb-4">Social
Networks</h6>
        <div id="social-networks"></div>
      </div>
      <div class="col-lg-3 mx-auto mb-4">
        <h6 class="text-uppercase fw-bold mb-4">Useful links</h6>
        <div id="useful-links"></div>
      </div>
    </div>
  </div>

  <div class="text-center p-4" id="copyright">
    &copy; 2022 Fresh Pair Store: All Rights Reserved
  </div>
</footer>

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.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>
<script src="assets/js/main.js"></script>
</body>
</html>
```

3.1.2 store.html

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="description" content="Fresh Pair Store - Sneakers For
Everyone. Best price and sneakers quality."/>
    <meta name="keywords" content="sneakers, store, nike, adidas, puma, new
balance"/>
    <meta name="author" content="Marko Tanackovic"/>
```

```

<title>Fresh Pair Store | Store</title>
<link rel="shortcut icon" href="assets/img/icon.ico" type="image/x-icon">
<script src="https://kit.fontawesome.com/3bf0f4cc54.js"
crossorigin="anonymous"></script>
<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">
</head>
<body>
<header>
<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
<div class="container-fluid">
<a class="navbar-brand fw-bold" href="index.html">Fresh Pair
Store</a>
<button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbar-links" aria-controls="navbar-links"
aria-expanded="false" aria-label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbar-links">
<ul id="nav-menu" class="navbar-nav ms-3 me-auto mb-2 mb-lg-
0">

</ul>
<span class="cart ms-3 me-3">
<a href="cart.html">
<i class="fa-solid fa-cart-shopping fa-lg"></i>
<span class="number"></span>
</a>
</span>
</div>
</div>
</nav>
</header>
<section id="store-sneakers">
<div class="row mx-auto p-5">
<div id="sneakers-filter" class="col-12 col-sm-4 col-md-3 col-xl-
2 mt-4">
<ul class="mt-3 ps-0">
<li>
<input class="form-check-input" type="checkbox"
id="filter-discount" value="discount"/>

```

```

        <label class="form-check-label" for="filter-
discount">
            Discounted only
        </label>
    </li>
</ul>
<ul class="mt-3 ps-0">
    <li>
        <input class="form-check-input" type="checkbox"
id="filter-best-seller" value="best-seller"/>
        <label class="form-check-label" for="filter-best-
seller">
            Best sellers
        </label>
    </li>
</ul>
<h5 class="mt-5">Price</h5>
<ul id="filter-prices" class="mt-3 ps-0">
</ul>
<h5 class="mt-5">Brands</h5>
<ul id="filter-brands" class="mt-3 ps-0"></ul>
</div>
<div id="sneakers-wrapper" class="col-12 col-sm-8 col-md-9 colxl-
10 mt-3">
    <div id="sneakers-sort" class="row">
        <div class="col-12 col-sm-6 col-xl-6 my-2 m-md-none">
            <span><i class="fa-solid fa-magnifying-glass me-
1"></i>Search by name:</span>
            <input type="text" class="form-control" id="search-
sneakers" placeholder="Enter name here"/>
        </div>
        <div class="col-12 col-sm-6 col-xl-6 my-2 m-md-none">
            <span><i class="fa-solid fa-sort me-1"></i>Sort
by:</span>
            <select class="form-control" id="sort-sneakers">
                <option>Choose</option>
                <option value="discount">Most discount</option>
                <option value="price-asc">Price
ascending</option>
                <option value="price-desc">Price
descending</option>
                <option value="name-asc">Name ascending</option>
                <option value="name-desc">Name
descending</option>
            </select>

```

```

        </div>
    </div>
    <div id="sneakers" class="row">
    </div>
</div>
</div>
</section>
<footer class="text-center text-lg-start bg-light text-muted pt-4">
    <div class="container text-center text-lg-start mt-5">
        <div class="row mt-3">
            <div class="col-lg-6 mx-auto mb-4">
                <h6 class="text-uppercase fw-bold mb-4">
                    <i class="fa-brands fa-shopify me-3"></i>Fresh Pair
                </h6>
                <p>
                    For each one of those shoe sweethearts out there, ‘Fresh
                    Pair’ offer the one-stop goal to pick the correct match of footwear. To satisfy
                    the affection for shoes, we offer heaps of alternatives, all under one rooftop.
                    Since beginning our web-based business website in 2022, we’ve been endeavoring to
                    present to you that perfect shopping experience.
                </p>
            </div>
            <div class="col-lg-3 mx-auto mb-4">
                <h6 class="text-uppercase fw-bold mb-4">Social
Networks</h6>
                <div id="social-networks"> </div>
            </div>
            <div class="col-lg-3 mx-auto mb-4">
                <h6 class="text-uppercase fw-bold mb-4">Useful links</h6>
                <div id="useful-links"></div>
            </div>
        </div>
    </div>

    <div class="text-center p-4" id="copyright">
        &copy; 2022 Fresh Pair Store: All Rights Reserved
    </div>
</footer>

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.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>
    <script src="assets/js/main.js"></script>
  </body>
</html>

```

3.1.3 contact.html

```

<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="description" content="Fresh Pair Store - Sneakers For
Everyone. Best price and sneakers quality."/>
    <meta name="keywords" content="sneakers, store, nike, adidas, puma, new
balance, contact"/>
    <meta name="author" content="Marko Tanackovic"/>
    <title>Fresh Pair Store | Contact</title>
    <link rel="shortcut icon" href="assets/img/icon.ico" type="image/x-icon">
    <script src="https://kit.fontawesome.com/3bf0f4cc54.js"
crossorigin="anonymous"></script>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWfSpd3yD65VohhpooCOMLASjC"
crossorigin="anonymous">
    <link rel="stylesheet" href="assets/css/style.css">
  </head>
  <body>
    <header>
      <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
        <div class="container-fluid">
          <a class="navbar-brand fw-bold" href="index.html">Fresh Pair
Store</a>
          <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbar-links" aria-controls="navbar-links"
aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="collapse navbar-collapse" id="navbar-links">
            <ul id="nav-menu" class="navbar-nav ms-3 me-auto mb-2 mb-lg-
0">

```

```

        </ul>
        <span class="cart ms-3 me-3">
            <a href="cart.html">
                <i class="fa-solid fa-cart-shopping fa-lg"></i>
                <span class="number"></span>
            </a>
        </span>
    </div>
</div>
</nav>
</header>
<section id="contact">
    <div class="container">
        <div class="row justify-content-center mb-5 col-12 mx-auto">
            <div class="text-center my-5">
                <h2>Contact</h2>
            </div>
            <div class="col-md-8 p-0">
                <form id="contact-form" method="post" action="#"
class="p-4">
                    <h3 class="mb-4">Get in touch with us</h3>
                    <div class="row">
                        <div class="form-group col-md-6 my-4">
                            <input type="text" class="form-control"
placeholder="Your full name..." id="contact-name"/>
                        </div>
                        <div class="form-group col-md-6 my-4">
                            <input type="text" class="form-control"
placeholder="Your email..." id="contact-email"/>
                        </div>
                    </div>
                    <div class="row">
                        <div class="form-group col-md-6 my-4">
                            <input type="text" class="form-control"
placeholder="Your phone..." id="contact-phone"/>
                        </div>
                        <div class="form-group col-md-6 my-4">
                            <input type="text" class="form-control"
placeholder="Subject..." id="contact-subject"/>
                        </div>
                    </div>
                    <div class="form-group col-md-12 my-4">
                        <textarea class="form-control" placeholder="Your
message..." id="contact-message"></textarea>
                    </div>

```

```

        <div class="form-group col-6 my-4 mx-auto">
            <button type="submit" id="contact-submit-button"
class="primary-button p-1 px-2 border-0 rounded text-uppercase">Send
Message</button>

        </div>
        <div id="form-success" class="form-group col-6 mx-
auto text-center">

        </div>
    </form>
</div>
<div class="col-md-4 p-0 my-auto">
    <div id="contact-information" class="p-4">
        <h3 class="mb-4">Contact</h3>
        <p>
            <i class="fas fa-home me-3"></i>Belgrade, Serbia
        </p>
        <p>
            <i class="fas fa-envelope me-
3"></i>freshpairstore@gmail.com
        </p>
        <p>
            <i class="fas fa-phone me-3"></i>061 1234 567
        </p>
        <p>
            <i class="fa-regular fa-clock me-3"></i>Working
Hours:
        <p class="ms-5">Monday-Saturday: 9am - 8pm</p>
        <p class="ms-5">Sunday: Closed</p>
        </p>
    </div>
</div>
</div>
</div>
</div>
</section>
<section id="map" class="container mb-5">
    <iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d181140.1199836518!2d20
.2825121761183!3d44.815159726899495!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1
m2!1s0x475a7aa3d7b53fbd%3A0x1db8645cf2177ee4!2z0JHQtdC-
0LPRgNCw0LQ!5e0!3m2!1ssr!2srs!4v1645661411518!5m2!1ssr!2srs" allowfullscreen=""
loading="lazy"></iframe>
    </section>
    <footer class="text-center text-lg-start bg-light text-muted pt-4">
        <div class="container text-center text-lg-start mt-5">
            <div class="row mt-3">

```



```

        <div class="col-lg-6 mx-auto mb-4">
            <h6 class="text-uppercase fw-bold mb-4">
                <i class="fa-brands fa-shopify me-3"></i>Fresh Pair
            </h6>
            <p>
                For each one of those shoe sweethearts out there, 'Fresh
                Pair' offer the one-stop goal to pick the correct match of footwear. To satisfy
                the affection for shoes, we offer heaps of alternatives, all under one rooftop.
                Since beginning our web-based business website in 2022, we've been endeavoring to
                present to you that perfect shopping experience.
            </p>
        </div>
        <div class="col-lg-3 mx-auto mb-4">
            <h6 class="text-uppercase fw-bold mb-4">
                Social Networks
            </h6>
            <div id="social-networks"></div>
        </div>
        <div class="col-lg-3 mx-auto mb-4">
            <h6 class="text-uppercase fw-bold mb-4">Useful links</h6>
            <div id="useful-links"></div>
        </div>
    </div>

    <div class="text-center p-4" id="copyright">
        &copy; 2022 Fresh Pair Store: All Rights Reserved
    </div>
</footer>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.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>
    <script src="assets/js/main.js"></script>
</body>
</html>

```

3.1.4 author.html

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="description" content="Fresh Pair Store - Sneakers For
Everyone. Best price and sneakers quality."/>
    <meta name="keywords" content="sneakers, store, nike, adidas, puma, new
balance, author"/>
    <meta name="author" content="Marko Tanackovic"/>
    <title>Fresh Pair Store | Author</title>
    <link rel="shortcut icon" href="assets/img/icon.ico" type="image/x-icon">
    <script src="https://kit.fontawesome.com/3bf0f4cc54.js"
crossorigin="anonymous"></script>
    <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">
  </head>
  <body>
    <header>
      <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
        <div class="container-fluid">
          <a class="navbar-brand fw-bold" href="index.html">Fresh Pair
Store</a>
          <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbar-links" aria-controls="navbar-links"
aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="collapse navbar-collapse" id="navbar-links">
            <ul id="nav-menu" class="navbar-nav ms-3 me-auto mb-2 mb-lg-
0">

              </ul>
              <span class="cart ms-3 me-3">
                <a href="cart.html">
                  <i class="fa-solid fa-cart-shopping fa-lg"></i>
                  <span class="number"></span>
                </a>
              </span>
            </div>
          </div>
        </div>
      </nav>
    </header>
  </body>
</html>
```

```

        </div>
    </div>
</nav>
</header>
<div id="author" class="container my-5">
    <div class="row">
        <div class="col-12 col-md-6 text-center">
            
        </div>
        <div id="author-info" class="col-12 col-md-6 my-auto">
            <h2 class="text-center my-2">About me</h2>
            <p>Hi, I am Marko Tanacković and I am a second year student of
ICT College.</p>
            <div id="more-information">
                <p>I graduated from electrical engineering high school "Nikola
Tesla" and interest in computers and web design led me to ICT College. Although
my skills are limited at this moment, I will continuously try to improve
them.</p>
                <p><i class="fa-solid fa-envelope"></i>
marko&#46;tanackovic&#46;12&#46;20&#64;ict&#46;edu&#46;rs</p>
            </div>
        </div>
    </div>
</div>
<footer class="text-center text-lg-start bg-light text-muted pt-4">
    <div class="container text-center text-lg-start mt-5">
        <div class="row mt-3">
            <div class="col-lg-6 mx-auto mb-4">
                <h6 class="text-uppercase fw-bold mb-4">
                    <i class="fa-brands fa-shopify me-3"></i>Fresh Pair
                </h6>
                <p>
                    For each one of those shoe sweethearts out there, ‘Fresh
Pair’ offer the one-stop goal to pick the correct match of footwear. To satisfy
the affection for shoes, we offer heaps of alternatives, all under one rooftop.
Since beginning our web-based business website in 2022, we’ve been endeavoring to
present to you that perfect shopping experience.
                </p>
            </div>
            <div class="col-lg-3 mx-auto mb-4">
                <h6 class="text-uppercase fw-bold mb-4">Social
Networks</h6>
                <div id="social-networks"></div>
            </div>
        </div>
    </div>

```

```

        <div class="col-lg-3 mx-auto mb-4">
            <h6 class="text-uppercase fw-bold mb-4">Useful links</h6>
            <div id="useful-links"></div>
        </div>
    </div>
</div>

<div class="text-center p-4" id="copyright">
    &copy; 2022 Fresh Pair Store: All Rights Reserved
</div>
</footer>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.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>
<script src="assets/js/main.js"></script>
</body>
</html>

```

3.1.5 cart.html

```

<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <meta name="description" content="Fresh Pair Store - Sneakers For
Everyone. Best price and sneakers quality."/>
        <meta name="keywords" content="sneakers, store, nike, adidas, puma, new
balance"/>
        <meta name="author" content="Marko Tanackovic"/>
        <title>Fresh Pair Store | Cart</title>
        <link rel="shortcut icon" href="assets/img/icon.ico" type="image/x-icon">
        <script src="https://kit.fontawesome.com/3bf0f4cc54.js"
crossorigin="anonymous"></script>
        <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWfSpd3yD65VohhpuaCOMLASjC"
crossorigin="anonymous">
        <link rel="stylesheet" href="assets/css/style.css">
    </head>

```

```

</head>
<body>
  <header>
    <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
      <div class="container-fluid">
        <a class="navbar-brand fw-bold" href="index.html">Fresh Pair
Store</a>
        <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbar-links" aria-controls="navbar-links"
aria-expanded="false" aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbar-links">
          <ul id="nav-menu" class="navbar-nav ms-3 me-auto mb-2 mb-lg-
0">

            </ul>
            <span class="cart ms-3 me-3">
              <a href="cart.html">
                <i class="fa-solid fa-cart-shopping fa-lg"></i>
                <span class="number"></span>
              </a>
            </span>
          </div>
        </div>
      </nav>
    </header>
    <section id="cart-main">
      <div class="container">
        <div id="shopping-cart" class="my-2">

        </div>
      </div>
    </section>
    <footer class="text-center text-lg-start bg-light text-muted pt-4">
      <div class="container text-center text-lg-start mt-5">
        <div class="row mt-3">
          <div class="col-lg-6 mx-auto mb-4">
            <h6 class="text-uppercase fw-bold mb-4">
              <i class="fa-brands fa-shopify me-3"></i>Fresh Pair
            </h6>
            <p>
              For each one of those shoe sweethearts out there, 'Fresh
Pair' offer the one-stop goal to pick the correct match of footwear. To satisfy
the affection for shoes, we offer heaps of alternatives, all under one rooftop.

```

Since beginning our web-based business website in 2022, we've been endeavoring to present to you that perfect shopping experience.

```
    </p>
  </div>
  <div class="col-lg-3 mx-auto mb-4">
    <h6 class="text-uppercase fw-bold mb-4">Social
Networks</h6>

    <div id="social-networks"></div>
  </div>
  <div class="col-lg-3 mx-auto mb-4">
    <h6 class="text-uppercase fw-bold mb-4">Useful links</h6>
    <div id="useful-links"></div>
  </div>
</div>
</div>

  <div class="text-center p-4" id="copyright">
    &copy; 2022 Fresh Pair Store: All Rights Reserved
  </div>
</footer>

  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js
" integrity="sha384-
MrcW6ZMFY1zcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
    <script src="assets/js/main.js"></script>
  </body>
</html>
```

3.2 CSS

3.2.1 style.scss

```
$primary: #e91c23;
@import
url('https://fonts.googleapis.com/css2?family=Dancing+Script:wght@500&display=swap');
@import url('https://fonts.googleapis.com/css2?family=Montserrat&display=swap');
*{
  padding: 0px;
  margin: 0px;
}
body{
  font-family: 'Montserrat', sans-serif;
}
ul{
  list-style-type: none;
}
a{
  text-decoration: none;
}
.navbar-brand{
  font-family: 'Dancing Script', cursive;
  font-size: 2rem;
}
.cart a{
  color: rgba(255, 255, 255, 0.55);
  &:hover{
    color: #fff;
  }
}
#background-cover{
  background-image: url(../img/cover.jpg);
  background-position: center;
  background-repeat: no-repeat;
  background-size: cover;
  height: 90vh;
  #transparent {
    width: inherit;
    height: inherit;
    background-color: rgba(0, 0, 0, 0.6);
    color: #fff;
    #welcome{
      position: relative;
      top: 40%;
    }
  }
}
```

```

        span{
            font-family: 'Dancing Script', cursive;
        }
        button{
            &:focus{
                box-shadow: none;
                border-color: rgba(0,0,0,.125);
            }
            a{
                color: #6c757d;
            }
            &:hover{
                a{
                    color: #fff;
                }
            }
        }
    }
}
#about-us{
    img{
        box-shadow: 0px 0px 10px #000;
    }
}
.card{
    border: 1px solid #6c757d;
    a{
        text-decoration: none;
        color: #fff;
        background-color: $primary;
        padding: 5px 10px 5px 10px;
        margin: 0px auto;
        border-radius: 10px;
        &:hover{
            background-color: #cb0000;
        }
    }
}
#best-sellers{
    h5 a{
        color: $primary;
    }
}
#brands{

```



```

border-top: 1px solid #b2b9be;
#brand-pictures{
  img{
    width: 70%;
  }
  .brand-picture:hover{
    opacity: 70%;
  }
}
}
footer{
  border-top: 1px solid #b2b9be;
  a:hover{
    text-decoration: underline;
  }
  #copyright{
    background-color: (rgba(0, 0, 0, 0.05));
  }
}
// STORE
input, select, textarea, .primary-button {
  &:focus, &:active {
    outline: none;
    border-color: $primary !important;
    box-shadow: 0 0 0 0.2rem rgba($primary,.25) !important;
  }
}
input[type="checkbox"]:checked{
  background-color: $primary;
  border-color: $primary !important;
}
#clear{
  color: $primary;
}
.single-sneakers{
  position: relative;
  background-color: #dee0e2;
  .sneakers-discount{
    position: absolute;
    top: 0px;
    left: 0px;
    z-index: 100;
    background-color: rgba($primary, 0.7);
    color: #fff;
    border-radius: 0px 0px 5px;
  }
}

```

```

}
.sneakers-best-seller{
  position: absolute;
  top: 0px;
  right: 0px;
  z-index: 100;
  background-color: rgba($primary, 0.7);
  color: #fff;
  border-radius: 0px 0px 0px 5px;
}

.carousel-control-next-icon {
  background-image: url("data:image/svg+xml,%3csvg
xmlns='http://www.w3.org/2000/svg' viewBox='0 0 16 16' fill='%23e91c23'%3e%3cpath
d='M4.646 1.646a.5.5 0 0 1 .708 0l6 6a.5.5 0 0 1 0 .708l-6 6a.5.5 0 0 1-.708-
.708L10.293 8 4.646 2.354a.5.5 0 0 1 0-.708z'/%3e%3c/svg%3e");
}
.carousel-control-prev-icon {
  background-image: url("data:image/svg+xml,%3csvg
xmlns='http://www.w3.org/2000/svg' viewBox='0 0 16 16' fill='%23e91c23'%3e%3cpath
d='M11.354 1.646a.5.5 0 0 1 0 .708L5.707 8l5.646a.5.5 0 0 1-.708.708l-6-
6a.5.5 0 0 1 0-.708l6-6a.5.5 0 0 1 .708 0z'/%3e%3c/svg%3e");
}
.sneakers-price{
  border-top: 1px solid #b2b9be;
  .old-price{
    font-size: 80%;
    min-height: 1.2rem;
  }
}
.sneakers-name{
  min-height: 3rem;
}
a{
  text-decoration: none;
  color: #fff;
  background-color: $primary;
  padding: 5px 10px 5px 10px;
  margin: 0px auto;
  border-radius: 10px;
  &:hover{
    background-color: #cb0000;
  }
}
}

```

```

// CONTACT
#contact-form{
  background-color: #b2b9be;
  button {
    width: 100%;
    background-color: #303133;
    color: #fff!important;
  }
  input, textarea{
    &:focus, &:active {
      outline: none;
      border-color: black !important;
      box-shadow: 0 0 0 0.2rem rgba(black,.25) !important;
    }
  }
}
#contact-information{
  background-color: $primary;
  color: #fff!important;
}
#map{
  width: 100%;
  height: 50vh;
  iframe{
    width: 100%;
    height: 100%;
    opacity: 70%;
  }
}
//CART
#shopping-cart{
  min-height: 20vh;
}
.sneakers-quantity{
  width: 100%;
}

```

3.3 JS

3.3.1 main.js

```
$(document).ready(function(){
    let url = window.location.pathname;
    fetchData("nav.json", function(result){
        loadNavMenu(result);
    });
    fetchData("social-networks.json", function(result){
        loadFooterLinks(result, "social-networks");
    });
    fetchData("useful-links.json", function(result){
        loadFooterLinks(result, "useful-links");
    });
    if(url == "/index.html" || url==""){
        fetchData("best-seller.json", function(result){
            loadBestSeller(result);
        });
    }

    if(url == "/store.html"){
        var brands = [];
        fetchData("prices.json", function(result){
            loadPrice(result);
        });
        document.getElementById("sort-sneakers").addEventListener("change",
filterChange);
        document.getElementById("search-sneakers").addEventListener("keyup",
filterChange);
        document.getElementById("filter-discount").addEventListener("change",
filterChange);
        document.getElementById("filter-best-seller").addEventListener("change",
filterChange);
    }

    if(url == "/cart.html"){
        let sneakers = getItemFromLS("cart");
        if(sneakers == null){
            showEmptyCart();
        }
        else if(sneakers.length == 0){
            showEmptyCart();
        }
        else{
            showCart();
        }
    }
});
```

```

        quantityChange();
    }
}
cartNumber();
});
// FUNKCIJA ZA AJAX
function fetchData(file, result){
    $.ajax({
        url: "assets/data/" + file,
        method: "get",
        dataType: "json",
        success: result,
        error: function(err){
            console.log(err);
        }
    })
}
// FUNKCIJA ZA SKLADISTENJE PODATAKA U LOCAL STORAGE
function setItemToLS(name, data){
    localStorage.setItem(name, JSON.stringify(data));
}
// FUNKCIJA ZA CITANJE PODATKA IZ LOCAL STORAGE-A
function getItemFromLS(name){
    return JSON.parse(localStorage.getItem(name));
}
// FUNKCIJA ZA ISPIS BEST-SELLER PATIKA
function loadBestSeller(data){
    let divBestSeller = document.getElementById("best-sellers-main");
    let html = "";
    data.forEach(s => {
        html +=
            `<div class="card col-3 col-lg-3 mt-4 p-0 rounded overflow-hidden">
                
                <div class="best-sellers-info text-center mt-4 mb-2">
                    <p>${s.name}</p>
                    <a href="store.html">Buy</a>
                </div>
            </div>`;
    });
    divBestSeller.innerHTML = html;
}
// FUNKCIJA ZA ISPIS NAVIGACIONOG MENIJA
function loadNavMenu(data){
    let divNav = document.getElementById('nav-menu');

```

```

    let html = '';
    data.forEach(link => {
        html+=
        `<li class="nav-item">
            <a class="nav-link" href="${link.href}">${link.name}</a>
        </li>`;
    });
    divNav.innerHTML = html;
}
// FUNKCIJA ZA ISPIS LINKOVA U FUTERU
function loadFooterLinks(data, div){
    let divLinks = document.getElementById(div);
    let html = "";
    data.forEach(link => {
        html +=
        `<p>
            <a href="${link.href}" class="text-reset">
                <i class="${link.icon} me-3"></i>${link.name}
            </a>
        </p>`;
    });
    divLinks.innerHTML = html;
}
// FUNKCIJA ZA ISPISIVANJE FILTERA CENA
function loadPrice(data){
    let divPrices = document.getElementById("filter-prices");
    let html = "";
    data.forEach(price => {
        html+=
        `<li class="form-check">
            <input class="form-check-input filter-price" type="checkbox"
value="${price.id}" name="price" onclick="checkboxOne(this)"/>
            <label class="form-check-label" for="filter-
price">${price.label}</label>
        </li>`;
    });
    divPrices.innerHTML = html;
    $(".filter-price").change(filterChange);
    fetchData("brands.json", function(result){
        loadBrands(result);
    });
}
// FUNKCIJA KOJA DOZVOLJAVA CEKIRANJE SAMO JEDNOG CHECKBOX-A
function checkboxOne(checkbox) {
    var checkboxes = document.querySelectorAll(".filter-price");

```

```

checkboxes.forEach(ch => {
    if (ch !== checkbox) ch.checked = false
})
}
// FUNKCIJA ZA ISPISIVANJE BRENDOVA
function loadBrands(data){
    let divBrands = document.getElementById("filter-brands");
    let html = "";
    data.forEach(brand => {
        html+=
            `<li class="form-check">
                <input class="form-check-input brand" type="checkbox"
value="${brand.id}"/>
                <label class="form-check-label" for="brand">${brand.name}</label>
            </li>`;
    });
    divBrands.innerHTML = html;
    brands = data;
    $(".brand").change(filterChange);
    fetchData("sneakers.json", function(result){
        setItemToLS("allSneakers", result);
        loadSneakers(result);
    });
}
// FUNKCIJA ZA ISPISIVANJE PATIKA
function loadSneakers(data){
    data = sortData(data);
    data = filterBrand(data);
    data = filterPrice(data);
    data = filterDiscount(data);
    data = filterBestSellers(data);
    data = search(data);
    let divSneakers = document.getElementById("sneakers");
    let html = "";
    if(data.length > 0){
        data.forEach(s => {
            html+=
                `<div class="col-12 col-sm-6 col-md-3 mb-3 p-2">
                    <div class="single-sneakers rounded overflow-hidden">
                        ${loadDiscountSneakers(s.discount)}
                        ${bestSellerMark(s.bestSeller)}
                        <div id="sneakers-carousel-${s.id}" class="carousel slide"
data-bs-interval="false">
                            <div class="carousel-inner">
                                <div class="carousel-item active">

```

```

        
    </div>
    <div class="carousel-item">
        
    </div>
    <div class="carousel-item">
        
    </div>
</div>
<button class="carousel-control-prev" type="button" data-
bs-target="#sneakers-carousel-${s.id}" data-bs-slide="prev">
    <span class="carousel-control-prev-icon" aria-
hidden="true"></span>
    <span class="visually-hidden">Previous</span>
</button>
<button class="carousel-control-next" type="button" data-
bs-target="#sneakers-carousel-${s.id}" data-bs-slide="next">
    <span class="carousel-control-next-icon" aria-
hidden="true"></span>
    <span class="visually-hidden">Next</span>
</button>
</div>
<div class="sneakers-name text-center">
    <div class="sneakers-brand">
        <span class="text-
uppercase">${loadBrandName(s.brand)}</span>
    </div>
    <div class="sneakers-name">
        <span>${s.name}</span>
    </div>
</div>
<div class="sneakers-price text-center">
    <div class="old-price">
        <span class="text-decoration-line-
through">${formatPrice(s.price.old)}</del>
    </div>
    <span>${formatPrice(s.price.current)}</span>
</div>
<div class="text-center p-1 mb-1">
    <button class="add-to-cart btn btn-danger" data-
id="${s.id}">Add to cart</button>
</div>

```



```

        </div>
    </div>`;
    });
}
else{
    html+=
    `<div class="container m-5 alert alert-danger"><p>No sneakers
found.</p></div>`;
}
divSneakers.innerHTML = html;
$(".add-to-cart").click(addToCart);
}
// FUNKCIJE ZA ISPISIVANJE POJEDINIH DELOVA PATIKA
function loadDiscountSneakers(discount){
    if(discount) return `<div class="sneakers-discount p-1">-` + discount
+`%</div>`;
    else return "";
}
function bestSellerMark(bestSeller){
    if(bestSeller) return `<div class="sneakers-best-seller py-1 px-2"><i
class="fa-brands fa-hotjar"></i></div>`;
    else return "";
}
function loadBrandName(brandId){
    let html = "";
    brands.forEach(brand => {
        if(brand.id === brandId) html = brand.name;
    })
    return html;
}
function formatPrice(price){
    if(price) return "€" + price;
    else return "";
}
// FUNKCIJA ZA SORTIRANJE
function sortData(data){
    let sortType = document.getElementById("sort-sneakers").value;
    if(sortType === "discount"){
        return data.sort((a, b) => {
            return b.discount - a.discount;
        })
    }
    else if(sortType === "price-asc"){
        return data.sort((a,b) => {
            return a.price.current - b.price.current;
        })
    }
}

```

```

    });
  }
  else if(sortType === "price-desc"){
    return data.sort((a,b) => {
      return b.price.current - a.price.current;
    });
  }
  else if(sortType === "name-asc"){
    return data.sort((a, b) => a.name > b.name ? 1 : -1);
  }
  else if(sortType === "name-desc"){
    return data.sort((a, b) => a.name < b.name ? 1 : -1);
  }
  else return data;
}

// FUNKCIJA ZA PRETRAGU PO IMENIMA
function search(data){
  let searchValue = document.getElementById("search-
sneakers").value.toLowerCase();
  if(searchValue){
    return data.filter(s => s.name.toLowerCase().indexOf(searchValue)!=-1);
  }
  return data;
}

// FUNKCIJA ZA FILTRIRANJE PO BRENDOVIMA
function filterBrand(data){
  let selectedBrands = document.querySelectorAll(".brand:checked");
  let brandsIds = [];

  selectedBrands.forEach(brand =>{
    brandsIds.push(Number(brand.value));
  });
  if(brandsIds.length) return data.filter(s => brandsIds.includes(s.brand));
  return data;
}

// FUNKCIJA ZA FILTRIRANJE PO CENAMA
function filterPrice(data){
  let selectedPrice = document.querySelectorAll(".filter-price:checked");
  let priceId = [];

  selectedPrice.forEach(price => {
    priceId.push(Number(price.value));
  })
  if(priceId.length){
    for(let i of priceId){

```

```

        if(i == 1){
            return data.filter(s => s.price.current > 0 && s.price.current <=
100);
        }
        if(i == 2){
            return data.filter(s => s.price.current > 100 && s.price.current
<= 150);
        }
        if(i == 3){
            return data.filter(s => s.price.current > 150 && s.price.current
<= 200);
        }
        if(i == 4){
            return data.filter(s => s.price.current > 200);
        }
    }
}
return data;
}
//FUNKCIJA ZA FILTRIRANJE PO POPUSTU
function filterDiscount(data){
    let checked = document.querySelector("#filter-discount:checked");
    if(checked){
        return data.filter(s => s.discount);
    }
    return data;
}
function filterBestSellers(data){
    let checked = document.querySelector("#filter-best-seller:checked");
    if(checked){
        return data.filter(s => s.bestSeller);
    }
    return data;
}
function filterChange(){
    fetchData("sneakers.json", loadSneakers);
}
// FUNKCIJA ZA DODAVANJE U KORPU
function addToCart(){
    let id = $(this).data("id");
    let sneakers = getItemFromLS("cart");

    if(sneakers){
        if(sneakersAlreadyInCart(sneakers, id)){
            updateQuantity(sneakers, id);
        }
    }
}

```

```

    }
    else{
        addNewSneakersToCart(sneakers, id);
        cartNumber();
    }
}
else{
    addFirstSneakersToCart(id);
    cartNumber();
}

alert("Item has been added to the cart!");
}
// FUNKCIJA ZA PROVERU DA LI JE ODREDJENI ELEMENT VEC U KORPI
function sneakersAlreadyInCart(sneakers, id){
    return sneakers.filter(s => s.id == id).length;
}
// FUNKCIJA ZA DODAVANJE PRVOG ELEMENTA U LS KORPU
function addFirstSneakersToCart(id){
    let sneakers = [];
    sneakers[0] = {
        id: id,
        quantity: 1
    }

    setItemToLS("cart", sneakers);
}
// FUNKCIJA ZA DODAVANJE ELEMENTA U LS KORPU
function addNewSneakersToCart(sneakers, id){
    sneakers.push({
        id: id,
        quantity: 1
    });

    setItemToLS("cart", sneakers);
}
// FUNKCIJA ZA UVECANJE KOLICINE
function updateQuantity(sneakers, id){
    sneakers.forEach(s => {
        if(s.id == id){
            s.quantity++;
        }
    });
}

setItemToLS("cart", sneakers);

```

```

}
// FUNKCIJA ZA PRIKAZIVANJE BROJA ELEMENATA U KORPI
function cartNumber(){
  let sneakers = getItemFromLS("cart");
  let cartNumberSpan = $(' .number');
  let cartNumberText = "";

  if(sneakers){
    let sneakersNumber = sneakers.length;
    if(sneakersNumber == 0){
      sneakersNumber = "";
    }
    cartNumberText = sneakersNumber;
  }

  cartNumberSpan.html(cartNumberText);
}
// FUNKCIJA ZA SLUCAJ AKO JE KORPA PRAZNA
function showEmptyCart(){
  let html =
    `

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```

```

    loadCart(sneakersForDisplay);
}
// FUNKCIJA ZA ISPISIVANJE ELEMENATA U KORPI
function loadCart(sneakers){
    let html = "";
    sneakers.forEach(s => {
        html+=
            `

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```

```

        </div>
    </div>
</div>`;
$("#shopping-cart").html(html);
}
// FUNKCIJA ZA BRISANJE ELEMENATA IZ KORPE LS
function removeAll(){
    localStorage.removeItem("cart");
    showEmptyCart();
    cartNumber();
}
// FUNKCIJA KOJOM SE OSTVARUJE PRIKAZIVANJE POPUP PORUKE ZA USPESNU PORUDZBINU
function purchase(){
    alert("Your purchase is successful." + "\n" + "Order number: " +
Math.floor(Math.random() * 100000) + 1);
    removeAll();
}
// FUNKCIJA ZA BRISANJE ODREDJENOG ELEMENTA IZ KORPE
function removeFromCart(id) {
    let sneakers = getItemFromLS("cart");
    sneakers = sneakers.filter(s => s.id !== id);

    setItemToLS("cart", sneakers);
    console.log(sneakers);
    if(sneakers.length < 1){
        showEmptyCart();
    }
    else{
        showCart();
        quantityChange();
    }

    cartNumber();
}
// FUNKCIJA ZA ZBIR CENA
function sumPrices(sneakers){
    let sum = 0;
    sneakers.forEach(s =>{
        sum += s.price.current * s.quantity;
    })
    return "€" + sum;
}
// FUNKCIJA ZA PROMENU KOLICINE
function update(){
    let sneakersSum = document.querySelectorAll(".sum-per-sneakers");

```

```

let price = document.querySelectorAll(".price-per-piece");
let quantity = document.querySelectorAll(".sneakers-quantity");
let totalSum = document.querySelector("#total-sum");
let sumPerSneakers = 0;

for(let i=0; i < price.length; i++){
    let priceFormat = price[i].innerHTML.replace("€", "");

    sneakersSum[i].innerHTML = (priceFormat)*(quantity[i].value) + "€";

    sumPerSneakers += (priceFormat) * (quantity[i].value);
}

totalSum.innerHTML = "Total Sum is " + sumPerSneakers + "€";
}
function quantityChange(){
    $(".sneakers-quantity").change(function(){
        if(this.value > 0){
            update();
        }
        else{
            this.value = 1;
        }
    });
}
// VALIDACIJA FORME
var contactName = $("#contact-name");
var contactEmail = $("#contact-email");
var contactPhone = $("#contact-phone");
var contactSubject = $("#contact-subject");
var contactMessage = $("#contact-message");

var regName = /^[A-ZŠĐČŽ][a-zšđčž]{2,20}(\s[A-ZŠĐČŽ][a-zšđčž]{2,20})+$/;
var regEmail = /^[a-z\.\-]{2,}@([a-z\.\-]{2,}\.)+[a-z]{2,4}$/;
var regPhone = /^(\+381|0)(\s)?[0-9]{2}(\s)?([0-9]{3}|[0-9]{4})(\s)?[0-9]{3}$/;

function checkName(){
    if(contactName.val() == ""){
        contactName.css(
            "border", "1px solid #f00"
        );
        contactName.val("");
        contactName.attr("placeholder", "Name can not be empty.");
        return false;
    }
}

```



```

    else if(!regName.test(contactName.val())){
        contactName.css(
            "border", "1px solid #f00"
        );
        contactName.val("");
        contactName.attr("placeholder", "Please provide valid name.");
        return false;
    }
    else{
        contactName.css(
            "border", "1px solid #000"
        );
        return true;
    }
}

function checkEmail(){
    if(contactEmail.val() == ""){
        contactEmail.css(
            "border", "1px solid #f00"
        );
        contactEmail.val("");
        contactEmail.attr("placeholder", "Email can not be empty.");
        return false;
    }
    else if(!regEmail.test(contactEmail.val())){
        contactEmail.css(
            "border", "1px solid #f00"
        );
        contactEmail.val("");
        contactEmail.attr("placeholder", "Please provide valid email.");
        return false;
    }
    else{
        contactEmail.css(
            "border", "1px solid #000"
        );
        return true;
    }
}

function checkPhone(){
    if(contactPhone.val() == ""){
        contactPhone.css(
            "border", "1px solid #f00"
        );
        contactPhone.val("");
    }
}

```

```

        contactPhone.attr("placeholder", "Phone number can not be empty.");
        return false;
    }
    else if(!regPhone.test(contactPhone.val())){
        contactPhone.css(
            "border", "1px solid #f00"
        );
        contactPhone.val("");
        contactPhone.attr("placeholder", "Please provide valid phone number.");
        return false;
    }
    else{
        contactPhone.css(
            "border", "1px solid #000"
        );
        return true;
    }
}
function checkSubject(){
    if(contactSubject.val() == ""){
        contactSubject.css(
            "border", "1px solid #f00"
        );
        contactSubject.val("");
        contactSubject.attr("placeholder", "Subject can not be empty.");
        return false;
    }
    else{
        contactSubject.css(
            "border", "1px solid #000"
        );
        return true;
    }
}
function checkMessage(){
    if(contactMessage.val() == ""){
        contactMessage.css(
            "border", "1px solid #f00"
        );
        contactMessage.val("");
        contactMessage.attr("placeholder", "Message can not be empty.");
        return false;
    }
    else{
        contactMessage.css(

```

```

        "border", "1px solid #000"
    );
    return true;
}
}
$("#contact-submit-button").click(function(e){
    e.preventDefault();
    let success = $("#form-success");
    let fullName = checkName();
    let email = checkEmail();
    let phone = checkPhone();
    let subject = checkSubject();
    let message = checkMessage();
    if(fullName && email && phone && subject && message){
        success.html('<p class="alert alert-success">Successful</p>');
        setTimeout(() => {success.html("")}, 5000);
    }
})
//

```

3.4 JSON

3.4.1 nav.json

```

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

```

3.4.2 social-networks.json

```
[
  {
    "name": "Facebook",
    "icon": "fa-brands fa-facebook",
    "href": "https://www.facebook.com"
  },
  {
    "name": "Instagram",
    "icon": "fa-brands fa-instagram",
    "href": "https://www.instagram.com"
  },
  {
    "name": "Twitter",
    "icon": "fa-brands fa-twitter",
    "href": "https://twitter.com"
  }
]
```

3.4.3 useful-links.json

```
[
  {
    "name": "Documentation",
    "icon": "fa-regular fa-file-pdf",
    "href": "documentation.pdf"
  },
  {
    "name": "Sitemap",
    "icon": "fa-solid fa-sitemap",
    "href": "sitemap.xml"
  },
  {
    "name": "Rss",
    "icon": "fa-solid fa-rss",
    "href": "rss.xml"
  }
]
```

3.4.4 best-seller.json

```
[
  {
    "image": {
      "src": "best-seller-1.jpg",
      "alt": "Nike Air Force 1 Best Seller"
    },
    "name": "Nike Air Force 1"
  },
  {
    "image": {
      "src": "best-seller-2.jpg",
      "alt": "Adidas Superstar Best Seller"
    },
    "name": "Adidas Superstar"
  },
  {
    "image": {
      "src": "best-seller-3.jpg",
      "alt": "Air Max 270 React Best Seller"
    },
    "name": "Air Max 270 React"
  }
]
```

3.4.5 prices.json

```
[
  {
    "id" : 1,
    "label" : "€0 - €100"
  },
  {
    "id" : 2,
    "label" : "€100 - €150"
  },
  {
    "id" : 3,
    "label" : "€150 - €200"
  },
  {
    "id" : 4,
    "label" : "€200+"
  }
]
```

3.4.6 brands.json

```
[
  {
    "id" : 1,
    "name": "Nike"
  },
  {
    "id" : 2,
    "name": "Adidas"
  },
  {
    "id" : 3,
    "name": "New Balance"
  },
  {
    "id" : 4,
    "name": "Puma"
  }
]
```

3.4.7 sneakers.json

```
[
  {
    "id": 1,
    "bestSeller": false,
    "brand": 1,
    "name": "Air Max 90 PRM",
    "images": [
      {
        "src": "air-max-90-prm-1.jpg",
        "alt": "Picture of Nike Air Max 90 PRM"
      },
      {
        "src": "air-max-90-prm-2.jpg",
        "alt": "Picture of Nike Air Max 90 PRM from another angle"
      },
      {
        "src": "air-max-90-prm-3.jpg",
        "alt": "Picture of Nike Air Max 90 PRM from above"
      }
    ],
    "discount": 20,
    "price": {
      "old": 165,
```

```

        "current": 132
    }
},
{
    "id": 2,
    "bestSeller": false,
    "brand": 3,
    "name": "New Balance 5740",
    "images": [
        {
            "src": "new-balance-5740-1.jpg",
            "alt": "Picture of New Balance 5740"
        },
        {
            "src": "new-balance-5740-2.jpg",
            "alt": "Picture of New Balance 5740 from another angle"
        },
        {
            "src": "new-balance-5740-3.jpg",
            "alt": "Picture of New Balance 5740 from above"
        }
    ],
    "discount": 0,
    "price": {
        "old": 0,
        "current": 120
    }
},
{
    "id": 3,
    "bestSeller": false,
    "brand": 1,
    "name": "Air Max 95 / Kim Jones",
    "images": [
        {
            "src": "air-max-95-kim-jones-1.jpg",
            "alt": "Picture of Nike Air Max 95 / Kim Jones"
        },
        {
            "src": "air-max-95-kim-jones-2.jpg",
            "alt": "Picture of Nike Air Max 95 / Kim Jones from another
angle"
        },
        {
            "src": "air-max-95-kim-jones-3.jpg",

```

```

        "alt": "Picture of Nike Air Max 95 / Kim Jones from above"
    }
],
"discount": 0,
"price": {
    "old": 0,
    "current": 240
}
},
{
    "id": 4,
    "bestSeller": false,
    "brand": 4,
    "name": "Puma RS-X MIX",
    "images": [
        {
            "src": "puma-rs-x-mix-1.jpg",
            "alt": "Picture of Puma RS-X MIX"
        },
        {
            "src": "puma-rs-x-mix-2.jpg",
            "alt": "Picture of Puma RS-X MIX from another angle"
        },
        {
            "src": "puma-rs-x-mix-3.jpg",
            "alt": "Picture of Puma RS-X MIX from above"
        }
    ],
    "discount": 40,
    "price": {
        "old": 110,
        "current": 66
    }
},
{
    "id": 5,
    "bestSeller": true,
    "brand": 2,
    "name": "Adidas Superstar",
    "images": [
        {
            "src": "adidas-superstar-1.jpg",
            "alt": "Picture of Adidas Superstar"
        },
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        "src": "adidas-superstar-2.jpg",
        "alt": "Picture of Adidas Superstar from another angle"
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    {
        "src": "adidas-superstar-3.jpg",
        "alt": "Picture of Adidas Superstar from above"
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],
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    "current": 100
}
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    "brand": 4,
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    "images": [
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            "alt": "Picture of Puma RS-FAST NANO"
        },
        {
            "src": "puma-rs-fast-nano-2.jpg",
            "alt": "Picture of Puma RS-FAST NANO from another angle"
        },
        {
            "src": "puma-rs-fast-nano-3.jpg",
            "alt": "Picture of Puma RS-FAST NANO from above"
        }
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    "bestSeller": false,
    "brand": 4,
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    "images": [

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            "src": "puma-mirage-mox-suede-2.jpg",
            "alt": "Picture of Puma Mirage Mox Suede from another angle"
        },
        {
            "src": "puma-mirage-mox-suede-3.jpg",
            "alt": "Picture of Puma Mirage Mox Suede from above"
        }
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    "price": {
        "old": 0,
        "current": 115
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    "bestSeller": false,
    "brand": 2,
    "name": "Adidas Gazelle",
    "images": [
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            "src": "adidas-gazelle-1.jpg",
            "alt": "Picture of Adidas Gazelle"
        },
        {
            "src": "adidas-gazelle-2.jpg",
            "alt": "Picture of Adidas Gazelle from another angle"
        },
        {
            "src": "adidas-gazelle-3.jpg",
            "alt": "Picture of Adidas Gazelle from above"
        }
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    "price": {
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{

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      },
      {
        "src": "new-balance-327-2.jpg",
        "alt": "Picture of New Balance 327 from another angle"
      },
      {
        "src": "new-balance-327-3.jpg",
        "alt": "Picture of New Balance 327 "
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    ],
    "discount": 0,
    "price": {
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      "current": 115
    }
  },
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    "id": 10,
    "bestSeller": false,
    "brand": 4,
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    "images": [
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        "alt": "Picture of Puma WILD RIDER SC"
      },
      {
        "src": "puma-wild-rider-sc-2.jpg",
        "alt": "Picture of Puma WILD RIDER SC from another angle"
      },
      {
        "src": "puma-wild-rider-sc-3.jpg",
        "alt": "Picture of Puma WILD RIDER SC from above"
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    "discount": 22,
    "price": {

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},
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            "alt": "Picture of Nike Air Max Plus Midnight"
        },
        {
            "src": "nike-air-max-plus-2.jpg",
            "alt": "Picture of Nike Air Max Plus Midnight from another angle"
        },
        {
            "src": "nike-air-max-plus-3.jpg",
            "alt": "Picture of Nike Air Max Plus Midnight from above"
        }
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    "price": {
        "old": 0,
        "current": 180
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},
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    "brand": 1,
    "name": "Air Force 1",
    "images": [
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            "alt": "Picture of Nike Air Force 1"
        },
        {
            "src": "nike-air-force-1-2.jpg",
            "alt": "Picture of Nike Air Force 1 from another angle"
        },
        {
            "src": "nike-air-force-1-3.jpg",

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        "alt": "Picture of Nike Air Force 1 from above"
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],
"discount": 0,
"price": {
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}
},
{
    "id": 13,
    "bestSeller": false,
    "brand": 1,
    "name": "Air Force 1 High X Alyx",
    "images": [
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            "src": "air-force-1-high-x-alyx-1.jpg",
            "alt": "Picture of Nike Air Force 1 High X Alyx"
        },
        {
            "src": "air-force-1-high-x-alyx-2.jpg",
            "alt": "Picture of Nike Air Force 1 High X Alyx from another
angle"
        },
        {
            "src": "air-force-1-high-x-alyx-3.jpg",
            "alt": "Picture of Nike Air Force 1 High X Alyx from above"
        }
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    "price": {
        "old": 425,
        "current": 295
    }
},
{
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    "bestSeller": false,
    "brand": 2,
    "name": "Yeezy 500",
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            "src": "yeezy-500-1.jpg",
            "alt": "Picture of Yeezy 500"
        },
    ],

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        {
          "src": "yeezy-500-2.jpg",
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        },
        {
          "src": "yeezy-500-3.jpg",
          "alt": "Picture of Yeezy 500 from above"
        }
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      "price": {
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        "current": 205
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      "bestSeller": true,
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          "alt": "Picture of Nike Air Max 270 React"
        },
        {
          "src": "nike-air-max-270-react-2.jpg",
          "alt": "Picture of Nike Air Max 270 React from another angle"
        },
        {
          "src": "nike-air-max-270-react-3.jpg",
          "alt": "Picture of Nike Air Max 270 React from above"
        }
      ],
      "discount": 20,
      "price": {
        "old": 270,
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      "brand": 1,
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  {  
    "src": "air-max-97-2.jpg",  
    "alt": "Picture of Nike Air Max 97 from another angle"  
  },  
  {  
    "src": "air-max-97-3.jpg",  
    "alt": "Picture of Nike Air Max 97 from above"  
  }  
],  
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"price": {  
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  "current": 160  
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}
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