Dokumentacija za sajt Watch-Store

Student:

Nikola Jovic 100/17

Source code:

 $\underline{https://github.com/Nikola112/watch-store/}$

Uvod

Programski i markup jezici i biblioteke:

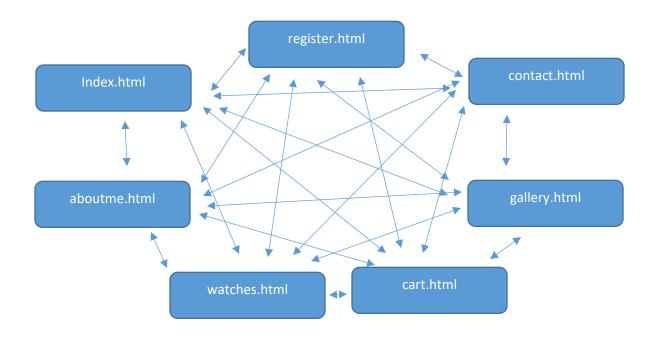
- HTML
- CSS
- JavaScript
- JQuery
- JSON

Opis funkcionalnosti:

Na index strain tipovi satova se dinamicki ispisuju klikom na njih odlazite u prodavnicu gde su satovi vec filtrirani po tipu. Na indexu se nalaze i brendovi klikom na neki od njih odlazite u prodavnicu gde su satovi vec filtrirani po izabranom brendu. Na stranici galerija nalaze se dinamicki ucitane slike iz JSON-a. Na stranici store nalazi se prodavnica satova u kojoj je moguce filtrirati satove po tipu, polu i brendu, i moguce ih je sortirati poi menu i ceni, opadajuce i rastuce. Klikom na 'Add to cart' sat ce se dodati u u korpu (local storage). Klikom na (Items) u gorenjem desnom uglu odlazi se na stranicu cart, gde se nalaze svi satovi stavljeni u korpu i kolicina, odatle je moguce dodati vise satova, izbaciti iz korpe, ocistiti korpu i videti cene i ukupne cene (po satu i sve ukupno). Na stranici register i contact ako se unese pogresan mail ispisuje se poruka 'Invalid email.'.

Organizacija

Organizaciona sema:



Sitemap:

```
<priority>0.8</priority>
    </url>
    <url>
        <loc>https://nikola112.github.io/watch-store/content/aboutme.html</loc>
        <lastmod>2019-05-5</lastmod>
        <changefreq>weekly</changefreq>
        <priority>0.7</priority>
    </url>
    <url>
        <loc>https://nikola112.github.io/watch-store/content/contact.html</loc>
        <lastmod>2018-05-1</lastmod>
        <changefreq>monthly</changefreq>
        <priority>0.65</priority>
    </url>
    <url>
        <loc>https://nikola112.github.io/watch-store/content/register.html</loc>
        <lastmod>2019-04-29</lastmod>
        <changefreq>yearly</changefreq>
        <priority>0.5</priority>
    </url>
</urlset>
```

Kodovi

index.html

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="utf-8" />
        <title>WatchShop | Find best watch that suits you</title>
        <meta name="viewport" content="width=device-width, initial-scale=1.0,</pre>
shrink-to-fit=no">
        <meta name="author" content="Nikola Jovic" />
        <meta name="keywords" content="watch, watchshop, watches" />
        <meta name="description" content="Welcome to WatchShop, here you can find</pre>
best watches for lowest prices." />
        <link rel="shortcut icon" href="img/icon.png" />
        <link href="https://fonts.googleapis.com/css?family=Muli"</pre>
rel="stylesheet" />
        <link href="https://fonts.googleapis.com/css?family=Playfair+Display"</pre>
rel="stylesheet" />
        <link rel="stylesheet" href="css/bootstrap.css" />
        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-</pre>
awesome/4.7.0/css/font-awesome.min.css" />
        <link rel="stylesheet" type="text/css" href="css/style.css" />
    </head>
    <body>
        <header>
            <div class="d-none d-lg-block color-primary">
                <nav class="navbar navbar-header pt-3 px-4">
                    <div class="header-item link">
                        <span class="fa fa-phone" aria-hidden="true"></span>
                         011/0000000
                    </div>
                    <div class="header-item ml-auto">
                         <a href="content/register.html" class="link">
                             <span class="fa fa-sign-in" aria-</pre>
hidden="true"></span>
                             Sign in or Register
```

```
</a>
                    </div>
                    <div class="header-item link">
                        <span class="fa fa-map-marker" aria-hidden="true"></span>
                         Store Locator
                    </div>
                    <div class="header-item link">
                        <span class="fa fa-shopping-bag" aria-</pre>
hidden="true"></span>
                         <a href="content/cart.html" id="cart-link"</pre>
class="link">0 Items</a>
                    </div>
                </nav>
                <nav class="navbar navbar-header nav-logo">
                    <div class="navbar-brand mx-auto py-0">
                        <a href="#" class="logo text-uppercase">
                            WatchShop
                            <div class="my-row">
                                <div class="bar"></div>
                                <div class="small-text text-uppercase">Since
1821</div>
                                <div class="bar"></div>
                            </div>
                        </a>
                    </div>
                </nav>
                <nav class="navbar navbar-header pb-3">
                    <span class="link">
                        Choose language
                    </span>
                    <form class="form-inline ml-auto">
                        <div class="search">
                            <input class="form-control search-box" type="search"</pre>
placeholder="Search" aria-label="Search" />
                            <span class="fa fa-search" aria-hidden="true"></span>
                        </div>
                    </form>
                </nav>
            </div>
            <div id="main-navigation" class="color-primary">
                <div class="container">
                    <nav class="navbar navbar-expand-lg">
```

```
<button class="navbar-toggler" type="button" data-</pre>
toggle="collapse" data-target="#main-navbar" aria-controls="main-navbar" aria-
expanded="false" aria-label="Toggle navigation">
                         <span class="fa fa-bars px-1 pt-1" aria-</pre>
hidden="true"></span>
                         <span class="small-text pb-1">Menu</span>
                      </button>
                      <div class="navbar-brand mx-auto d-block d-lg-none">
                          <a href="#" class="logo text-uppercase">
                             WatchShop
                             <div class="my-row">
                                 <div class="bar"></div>
                                 <div class="small-text text-uppercase">Since
1821</div>
                                 <div class="bar"></div>
                             </div>
                         </a>
                      </div>
                      <div class="link d-block d-lg-none shopping-cart">
                          <span class="fa fa-shopping-cart" aria-</pre>
hidden="true"></span>
                      </div>
                      <div class="collapse navbar-collapse" id="main-navbar">
                          <a class="nav-link link text-uppercase"</pre>
href="#">Home</a>
                             <a class="nav-link link text-uppercase"</pre>
href="content/gallery.html">Gallery</a>
                             <!-- Span zato sto linkovi koji ne vode nigde
nisu dobri za SEO -->
                                 <a class="nav-link link text-uppercase"</pre>
href="content/watches.html">Store</a>
                             <span
onclick="navigateToMensWatches('content/watches.html')" class="nav-link link
text-uppercase">Mens watches</span>
```

```
<span
onclick="navigateToLadiesWatches('content/watches.html')" class="nav-link link
text-uppercase">Ladies watches</span>
                      <span class="nav-link link text-</pre>
uppercase">Sell your watch</span>
                      <a class="nav-link link text-uppercase"</pre>
href="content/contact.html">Contact</a>
                      <a class="nav-link link text-uppercase"</pre>
href="content/aboutme.html">About me</a>
                      <a class="nav-link link text-uppercase"</pre>
href="content/register.html">Sign in or Register</a>
                      </div>
              </nav>
           </div>
        </div>
     </header>
     <div id="main">
        <div class="p-4">
           <div class="container">
              <h1 class="text-uppercase m-0 serif-font">Watches</h1>
           </div>
        </div>
        <div id="slideshow">
           <div id="main-carousel" class="carousel slide" data-</pre>
ride="carousel">
              class="active">
```

```
<div class="carousel-inner">
                         <div class="carousel-item active">
                             <img class="d-block w-100" src="img/slide1.jpg"</pre>
alt="First slide">
                         </div>
                         <div class="carousel-item">
                             <img class="d-block w-100" src="img/slide2.jpg"</pre>
alt="Second slide">
                         </div>
                         <div class="carousel-item">
                             <img class="d-block w-100" src="img/slide3.jpg"</pre>
alt="Third slide">
                         </div>
                         </div>
                         <a class="carousel-control-prev" href="#main-carousel"</pre>
role="button" data-slide="prev">
                             <span class="fa fa-chevron-left" aria-</pre>
hidden="true"></span>
                             <span class="sr-only">Previous</span>
                         <a class="carousel-control-next" href="#main-carousel"</pre>
role="button" data-slide="next">
                             <span class="fa fa-chevron-right" aria-</pre>
hidden="true"></span>
                             <span class="sr-only">Next</span>
                         </a>
                  </div>
            </div>
            <div id="category-usps">
                <div class="container">
                     <div class="row">
                         <div class="col-lg-4 d-none d-lg-block px-3 py-3 text-</pre>
dark usp-block">
                             Free Click & Collect Service
                             <span class="text-muted d-block">From Over 100 Stores
Nationwide.
                         </div>
                         <div class="col-lg-4 d-none d-lg-block px-3 py-3 text-</pre>
dark usp-block">
                             Up to 4 Years Interest Free Credit
                             <span class="text-muted d-block">0&#37; APR
Representative. Exclusions Apply.</span>
                         </div>
```

```
<div class="col-lg-4 col-xs-12 px-4 py-3 text-dark usp-</pre>
block">
                             Free Delivery on All Orders
                             <span class="text-muted d-block">Next Day Delivery
Available Until 7PM.</span>
                         </div>
                     </div>
                 </div>
            </div>
            <div id="categories" class="container">
                 <div id="featured-categories" class="row px-4 py-2">
                 </div>
                <div class="row py-2">
                     <div class="col-lg-3 col-md-6 col-xs-12 py-2">
                         <div class="row">
                             <div class="col-6 manf-logo"</pre>
onclick="navigateToWatchesWithBrandFromIndex(0)">
                                  <img src="img/rolex.jpg" alt="Rolex" class="img-</pre>
thumbnail" />
                             </div>
                             <div class="col-6 manf-logo"</pre>
onclick="navigateToWatchesWithBrandFromIndex(1)">
                                 <img src="img/boss.jpg" alt="Hugo Boss"</pre>
class="img-thumbnail" />
                             </div>
                         </div>
                     </div>
                     <div class="col-lg-3 col-md-6 col-xs-12 py-2">
                         <div class="row">
                             <div class="col-6 manf-logo"</pre>
onclick="navigateToWatchesWithBrandFromIndex(2)">
                                  <img src="img/breitling.jpg" alt="Breitling"</pre>
class="img-thumbnail" />
                             </div>
                             <div class="col-6 manf-logo"</pre>
onclick="navigateToWatchesWithBrandFromIndex(3)">
                                 <img src="img/olivia.jpg" alt="Olivia Burton"</pre>
class="img-thumbnail" />
                             </div>
                         </div>
                     </div>
                     <div class="col-lg-3 col-md-6 col-xs-12 py-2">
                         <div class="row">
```

```
<div class="col-6 manf-logo"</pre>
onclick="navigateToWatchesWithBrandFromIndex(4)">
                                  <img src="img/kros.jpg" alt="Kros" class="img-</pre>
thumbnail" />
                             </div>
                             <div class="col-6 manf-logo"</pre>
onclick="navigateToWatchesWithBrandFromIndex(5)">
                                 <img src="img/heuer.jpg" alt="Tag heuer"</pre>
class="img-thumbnail" />
                             </div>
                         </div>
                     </div>
                     <div class="col-lg-3 col-md-6 col-xs-12 py-2">
                         <div class="row">
                             <div class="col-6 manf-logo"</pre>
onclick="navigateToWatchesWithBrandFromIndex(6)">
                                 <img src="img/longines.jpg" alt="Longines"</pre>
class="img-thumbnail" />
                             </div>
                             <div class="col-6 manf-logo"</pre>
onclick="navigateToWatchesWithBrandFromIndex(7)">
                                 <img src="img/omega.jpg" alt="Omega" class="img-</pre>
thumbnail" />
                             </div>
                         </div>
                     </div>
                </div>
            </div>
            <header class="container">
                <h2 class="mx-auto pt-5 text-center text-antialiased serif-font</pre>
special-offers-header text-dark text-uppercase">Speical offers</h2>
                <div class="my-row-2 mx-auto">
                     <span class="bar-2"></span>
                     <span class="special-offers-text text-center text-muted font-</pre>
italic d-block mx-auto py-1">Don't miss best offers of the year</span>
                     <span class="bar-2"></span>
                </div>
            </header>
            <div class="container">
                <div class="row pt-4 px-4">
                     <div class="col-xs-12 col-lg-6 mb-4">
                         <div class="special-offer mx-auto">
```

```
<img src="img/offer1.jpg" alt="Special Offer 1"</pre>
class="img-fluid" />
                              <div class="caption">
                                  <div class="caption-text text-center text-</pre>
uppercase py-3">
                                      Only 4 days left
                                  </div>
                                  <div class="caption-button text-uppercase text-</pre>
center py-3">
                                      Shop Now
                                  </div>
                              </div>
                         </div>
                     </div>
                     <div class="col-xs-12 col-lg-6 mb-4">
                         <div class="special-offer mx-auto">
                              <img src="img/offer2.jpg" alt="Special Offer 2"</pre>
class="img-fluid" />
                              <div class="caption">
                                  <div class="caption-text text-center text-</pre>
uppercase py-3">
                                      30% off if you pre-order now
                                  <div class="caption-button text-uppercase text-</pre>
center py-3">
                                      Shop Now
                                  </div>
                              </div>
                         </div>
                     </div>
                     <div class="col-xs-12 col-lg-6 mb-4">
                         <div class="special-offer mx-auto">
                              <img src="img/offer3.jpg" alt="Special Offer 3"</pre>
class="img-fluid" />
                              <div class="caption">
                                  <div class="caption-text text-center text-</pre>
uppercase py-3">
                                      only 10 left in stock
                                  </div>
                                  <div class="caption-button text-uppercase text-</pre>
center py-3">
                                      Shop Now
                                  </div>
                              </div>
                         </div>
```

```
</div>
                     <div class="col-xs-12 col-lg-6 mb-4">
                         <div class="special-offer mx-auto">
                             <img src="img/offer4.jpg" alt="Special Offer 4"</pre>
class="img-fluid" />
                             <div class="caption">
                                  <div class="caption-text text-center text-</pre>
uppercase py-3">
                                      60% discount
                                  </div>
                                  <div class="caption-button text-uppercase text-</pre>
center py-3">
                                      Shop Now
                                  </div>
                             </div>
                         </div>
                     </div>
                </div>
            </div>
            <header class="container">
                <h2 class="mx-auto pt-3 text-center text-antialiased serif-font</pre>
info-header text-dark text-uppercase">Watch Information</h2>
                 <div class="long-bar mx-auto my-4"></div>
            </header>
            <div class="container">
                 <div class="row">
                     <div class="col-xs-12 col-md-6 col-lg-3">
                         <div class="information">
                             <div class="img-xs-holder mx-auto">
                                  <img src="img/repair.jpg" alt="Servicing"</pre>
class="img-fluid w-100" />
                             </div>
                             <div class="serif-font text-dark text-uppercase text-</pre>
center py-2">
                                 Watch Servicing
                             </div>
                             <div class="info-btn text-uppercase text-dark text-</pre>
center mx-auto mt-1 mb-4">
                                  Find out more
                             </div>
                         </div>
                     </div>
```

```
<div class="col-xs-12 col-md-6 col-lg-3">
                         <div class="information">
                              <div class="img-xs-holder mx-auto">
                                  <img src="img/choose.jpg" alt="Guide" class="img-</pre>
fluid w-100" />
                             </div>
                             <div class="serif-font text-dark text-uppercase text-</pre>
center py-2">
                                  WATCH BUYING GUIDE
                              </div>
                             <div class="info-btn text-uppercase text-dark text-</pre>
center mx-auto mt-1 mb-4">
                                  Find out more
                             </div>
                         </div>
                     </div>
                     <div class="col-xs-12 col-md-6 col-lg-3">
                         <div class="information">
                             <div class="img-xs-holder mx-auto">
                                  <img src="img/new.jpg" alt="News" class="img-</pre>
fluid w-100" />
                             </div>
                              <div class="serif-font text-dark text-uppercase text-</pre>
center py-2">
                                  LATEST WATCH NEWS
                             </div>
                             <div class="info-btn text-uppercase text-dark text-</pre>
center mx-auto mt-1 mb-4">
                                  Read more
                             </div>
                         </div>
                     </div>
                     <div class="col-xs-12 col-md-6 col-lg-3">
                         <div class="information">
                              <div class="img-xs-holder mx-auto">
                                  <img src="img/loc.jpg" alt="Location" class="img-</pre>
fluid w-100" />
                              </div>
                             <div class="serif-font text-dark text-uppercase text-</pre>
center py-2">
                                  STORE LOCATOR
                             </div>
```

```
<div class="info-btn text-uppercase text-dark text-</pre>
center mx-auto mt-1 mb-4">
                              Find stores
                          </div>
                      </div>
                  </div>
               </div>
           </div>
       </div>
       <footer id="footer">
           <div class="color-info">
               <div class="w-100 back-to-top mx-auto text-center text-uppercase"</pre>
text-dark p-3 scrollToTop">
                  <span class="fa fa-caret-up" aria-hidden="true"></span>
                   Back to top 
                  <span class="fa fa-caret-up" aria-hidden="true"></span>
               </div>
           </div>
           <div class="container-fluid">
               <div class="mx-auto text-center text-dark text-uppercase small-</pre>
text">
                  SIGN UP FOR THE LATEST NEWS & amp; OFFERS
               </div>
               <form class="pb-4 mx-auto text-center" action="newsletter.php"</pre>
method="post">
                  <input class="newsletter-input newsletter-email mr-1"</pre>
type="email" placeholder="Please enter your email address" />
                  <input class="newsletter-input newsletter-submit"</pre>
type="submit" value="SIGN UP" />
               </form>
           </div>
           <div id="footer-menu" class="container py-2 d-none d-lg-block">
               <a href="#" class="nav-link text-uppercase">Home</a>
                  <a href="content/gallery.html" class="nav-link text-</pre>
uppercase">Gallery</a>
```

```
<a href="content/watches.html" class="nav-link text-</pre>
uppercase">Store</a>
                 <span
onclick="navigateToMensWatches('content/watches.html')" class="nav-link text-
uppercase">Mens watches</span>
                 <span
onclick="navigateToLadiesWatches('content/watches.html')" class="nav-link text-
uppercase">Ladies watches</span>
                 <span class="nav-link text-uppercase">Sell your
watch</span>
                 <a href="content/contact.html" class="nav-link text-</pre>
uppercase">Contact</a>
                 <a href="content/aboutme.html" class="nav-link text-</pre>
uppercase">About Me</a>
                 <a href="sitemap.xml" class="nav-link text-</pre>
uppercase">Sitemap</a>
                 </div>
          <div id="copyrights" class="container-fluid py-2 text-center text-</pre>
dark">
              <span>Copyrights&copy; 2019 Nikola Jovi&#263;</span>
          </div>
       </footer>
       <script src="js/jquery.min.js"></script>
       <script src="js/myscripts.js"></script>
       <script src="js/index.js"></script>
       <script src="js/navigation.js"></script>
       <script src="js/bootstrap.min.js"></script>
   </body>
</html>
```

Gallery.html

```
<!DOCTYPE html>
<html Lang="en">
    <head>
        <meta charset="utf-8" />
        <title>WatchShop | Find best watch that suits you</title>
        <meta name="viewport" content="width=device-width, initial-scale=1.0,</pre>
shrink-to-fit=no">
        <meta name="author" content="Nikola Jovic" />
        <meta name="keywords" content="watch, watchshop, watches, gallery" />
        <meta name="description" content="This is watch gallery." />
        <link rel="shortcut icon" href="../img/icon.png" />
        <link href="https://fonts.googleapis.com/css?family=Muli"</pre>
rel="stylesheet" />
        <link href="https://fonts.googleapis.com/css?family=Playfair+Display"</pre>
rel="stylesheet" />
        <link rel="stylesheet" href="../css/bootstrap.css" />
        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-</pre>
awesome/4.7.0/css/font-awesome.min.css" />
        <link rel="stylesheet" type="text/css" href="../css/style.css" />
    </head>
    <body>
        <header>
            <div class="d-none d-lg-block color-primary">
                <nav class="navbar navbar-header pt-3 px-4">
                    <div class="header-item link">
                        <span class="fa fa-phone" aria-hidden="true"></span>
                         011/0000000
                    </div>
                    <div class="header-item ml-auto">
                        <a href="register.html" class="link">
                            <span class="fa fa-sign-in" aria-</pre>
hidden="true"></span>
                             Sign in or Register
                        </a>
                    </div>
                    <div class="header-item link">
                        <span class="fa fa-map-marker" aria-hidden="true"></span>
                         Store Locator
```

```
</div>
                    <div class="header-item link">
                        <span class="fa fa-shopping-bag" aria-</pre>
hidden="true"></span>
                         <a href="cart.html" id="cart-link" class="link">0
Items</a>
                    </div>
                </nav>
                <nav class="navbar navbar-header nav-logo">
                    <div class="navbar-brand mx-auto py-0">
                         <a href="../index.html" class="logo text-uppercase">
                            WatchShop
                             <div class="my-row">
                                 <div class="bar"></div>
                                 <div class="small-text text-uppercase">Since
1821</div>
                                 <div class="bar"></div>
                            </div>
                        </a>
                    </div>
                </nav>
                <nav class="navbar navbar-header pb-3">
                    <span class="link">
                        Choose language
                    </span>
                    <form class="form-inline ml-auto">
                        <div class="search">
                             <input class="form-control search-box" type="search"</pre>
placeholder="Search" aria-label="Search" />
                             <span class="fa fa-search" aria-hidden="true"></span>
                    </form>
                </nav>
            </div>
            <div id="main-navigation" class="color-primary">
                <div class="container">
                    <nav class="navbar navbar-expand-lg">
                        <button class="navbar-toggler" type="button" data-</pre>
toggle="collapse" data-target="#main-navbar" aria-controls="main-navbar" aria-
expanded="false" aria-label="Toggle navigation">
                            <span class="fa fa-bars px-1 pt-1" aria-</pre>
hidden="true"></span>
```

```
<span class="small-text pb-1">Menu</span>
                     </button>
                     <div class="navbar-brand mx-auto d-block d-lg-none">
                        <a href="../index.html" class="logo text-uppercase">
                            WatchShop
                            <div class="my-row">
                               <div class="bar"></div>
                               <div class="small-text text-uppercase">Since
1821</div>
                               <div class="bar"></div>
                            </div>
                        </a>
                     </div>
                     <div class="link d-block d-lg-none shopping-cart">
                        <span class="fa fa-shopping-cart" aria-</pre>
hidden="true"></span>
                     </div>
                     <div class="collapse navbar-collapse" id="main-navbar">
                        <a class="nav-link link text-uppercase"</pre>
href="../index.html">Home</a>
                            <a class="nav-link link text-uppercase"</pre>
href="gallery.html">Gallery</a>
                            <!-- Span zato sto linkovi koji ne vode nigde
nisu dobri za SEO -->
                               <a class="nav-link link text-uppercase"</pre>
href="watches.html">Store</a>
                            <span
onclick="navigateToMensWatches('watches.html')" class="nav-link link text-
uppercase">Mens watches</span>
                            <span
onclick="navigateToLadiesWatches('watches.html')" class="nav-link link text-
uppercase">Ladies watches</span>
```

```
<span class="nav-link link text-</pre>
uppercase">Sell your watch</span>
                             class="nav-item">
                                <a class="nav-link link text-uppercase"</pre>
href="contact.html">Contact</a>
                             <a class="nav-link link text-uppercase"</pre>
href="aboutme.html">About me</a>
                             <a class="nav-link link text-uppercase"</pre>
href="register.html">Sign in or Register</a>
                             </div>
                  </nav>
              </div>
           </div>
       </header>
       <div id="main">
           <div class="container" id="gallery">
              <div class="row pb-2">
                  <div class="col-12">
                      <h1 class="text-center text-dark text-uppercase py-3 mb-
0">
                         Gallery
                      </h1>
                      <hr class="mt-0" />
                  </div>
              <div id="image-gallery" class="row pb-2">
              </div>
           </div>
       </div>
       <footer id="footer">
           <div class="color-info">
              <div class="w-100 back-to-top mx-auto text-center text-uppercase"</pre>
text-dark p-3 scrollToTop">
                  <span class="fa fa-caret-up" aria-hidden="true"></span>
```

```
 Back to top 
                 <span class="fa fa-caret-up" aria-hidden="true"></span>
              </div>
          </div>
          <div class="container-fluid">
              <div class="mx-auto text-center text-dark text-uppercase small-</pre>
text">
                 SIGN UP FOR THE LATEST NEWS & amp; OFFERS
              </div>
              <form class="pb-4 mx-auto text-center" action="newsletter.php"</pre>
method="post">
                 <input class="newsletter-input newsletter-email mr-1"</pre>
type="email" placeholder="Please enter your email address" />
                 <input class="newsletter-input newsletter-submit"</pre>
type="submit" value="SIGN UP" />
              </form>
          </div>
          <div id="footer-menu" class="container py-2 d-none d-lg-block">
              <a href="../index.html" class="nav-link text-</pre>
uppercase">Home</a>
                 <a href="gallery.html" class="nav-link text-</pre>
uppercase">Gallery</a>
                  <a href="watches.html" class="nav-link text-</pre>
uppercase">Store</a>
                 <span onclick="navigateToMensWatches('watches.html')"</pre>
class="nav-link text-uppercase">Mens watches</span>
                 <span onclick="navigateToLadiesWatches('watches.html')"</pre>
class="nav-link text-uppercase">Ladies watches</span>
                 <span class="nav-link text-uppercase">Sell your
watch</span>
```

```
<a href="contact.html" class="nav-link text-</pre>
uppercase">Contact</a>
                  class="nav-item">
                      <a href="aboutme.html" class="nav-link text-</pre>
uppercase">About Me</a>
                  <a href="../sitemap.xml" class="nav-link text-</pre>
uppercase">Sitemap</a>
                  </div>
           <div id="copyrights" class="container-fluid py-2 text-center text-</pre>
dark">
              <span>Copyrights&copy; 2019 Nikola Jovi&#263;</span>
           </div>
       </footer>
       <script src="../js/jquery.min.js"></script>
       <script src="../js/myscripts.js"></script>
       <script src="../js/gallery.js"></script>
       <script src="../js/navigation.js"></script>
       <script src="../js/bootstrap.min.js"></script>
   </body>
</html>
```

Watches.html

```
<link rel="shortcut icon" href="../img/icon.png" />
        <link href="https://fonts.googleapis.com/css?family=Muli"</pre>
rel="stylesheet" />
        <link href="https://fonts.googleapis.com/css?family=Playfair+Display"</pre>
rel="stylesheet" />
        <link rel="stylesheet" href="../css/bootstrap.css" />
        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-</pre>
awesome/4.7.0/css/font-awesome.min.css" />
        <link rel="stylesheet" type="text/css" href="../css/style.css" />
    </head>
    <body>
        <header>
            <div class="d-none d-lg-block color-primary">
                <nav class="navbar navbar-header pt-3 px-4">
                    <div class="header-item link">
                        <span class="fa fa-phone" aria-hidden="true"></span>
                         011/0000000
                    </div>
                    <div class="header-item ml-auto">
                        <a href="register.html" class="link">
                            <span class="fa fa-sign-in" aria-</pre>
hidden="true"></span>
                             Sign in or Register
                        </a>
                    </div>
                    <div class="header-item link">
                        <span class="fa fa-map-marker" aria-hidden="true"></span>
                         Store Locator
                    </div>
                    <div class="header-item link">
                        <span class="fa fa-shopping-bag" aria-</pre>
hidden="true"></span>
                         <a href="cart.html" id="cart-link" class="link">0
Items</a>
                    </div>
                </nav>
                <nav class="navbar navbar-header nav-logo">
                    <div class="navbar-brand mx-auto py-0">
                        <a href="../index.html" class="logo text-uppercase">
                            WatchShop
                            <div class="my-row">
```

```
<div class="bar"></div>
                                 <div class="small-text text-uppercase">Since
1821</div>
                                 <div class="bar"></div>
                            </div>
                        </a>
                    </div>
                </nav>
                <nav class="navbar navbar-header pb-3">
                    <span class="link">
                        Choose language
                    </span>
                    <form class="form-inline ml-auto">
                        <div class="search">
                            <input class="form-control search-box" type="search"</pre>
placeholder="Search" aria-label="Search" />
                             <span class="fa fa-search" aria-hidden="true"></span>
                        </div>
                    </form>
                </nav>
            </div>
            <div id="main-navigation" class="color-primary">
                <div class="container">
                    <nav class="navbar navbar-expand-lg">
                        <button class="navbar-toggler" type="button" data-</pre>
toggle="collapse" data-target="#main-navbar" aria-controls="main-navbar" aria-
expanded="false" aria-label="Toggle navigation">
                            <span class="fa fa-bars px-1 pt-1" aria-</pre>
hidden="true"></span>
                            <span class="small-text pb-1">Menu</span>
                        </button>
                        <div class="navbar-brand mx-auto d-block d-lg-none">
                             <a href="../index.html" class="logo text-uppercase">
                                WatchShop
                                 <div class="my-row">
                                     <div class="bar"></div>
                                     <div class="small-text text-uppercase">Since
1821</div>
                                     <div class="bar"></div>
                                 </div>
                            </a>
                         </div>
```

```
<div class="link d-block d-lg-none shopping-cart">
                       <span class="fa fa-shopping-cart" aria-</pre>
hidden="true"></span>
                   </div>
                   <div class="collapse navbar-collapse" id="main-navbar">
                       <a class="nav-link link text-uppercase"</pre>
href="../index.html">Home</a>
                          <a class="nav-link link text-uppercase"</pre>
href="gallery.html">Gallery</a>
                          <!-- Span zato sto linkovi koji ne vode nigde
nisu dobri za SEO -->
                             <a class="nav-link link text-uppercase"</pre>
href="watches.html">Store</a>
                          class="nav-item">
                             <span
onclick="navigateToMensWatches('watches.html')" class="nav-link link text-
uppercase">Mens watches</span>
                          class="nav-item">
                             <span
onclick="navigateToLadiesWatches('watches.html')" class="nav-link link text-
uppercase">Ladies watches</span>
                          <span class="nav-link link text-</pre>
uppercase">Sell your watch</span>
                          <a class="nav-link link text-uppercase"</pre>
href="contact.html">Contact</a>
                          <a class="nav-link link text-uppercase"</pre>
href="aboutme.html">About me</a>
```

```
<a class="nav-link link text-uppercase"</pre>
href="register.html">Sign in or Register</a>
                                </div>
                    </nav>
                </div>
            </div>
        </header>
        <div id="main">
            <div class="container" id="gallery">
                <div class="row pb-2">
                    <div class="col-12">
                        <h1 class="text-center text-dark text-uppercase py-3 mb-
0">
                            Watches
                        </h1>
                        <hr class="mt-0" />
                    </div>
                </div>
                <div class="row pb-2">
                    <div id="filters" class="col-xs-12 col-lg-3">
                    </div>
                    <div class="col-xs-12 col-lg-9">
                        <div class="col-12 pb-4 px-0">
                            <select id="sort-box">
                                <option value="0">Choose...</option>
                                <option name="a-z" value="1">A-Z</option>
                                <option name="z-a" value="2">Z-A</option>
                                <option name="price-ascending" value="3">Price
Ascending</option>
                                <option name="price-descending" value="4">Price
Descending</option>
                            </select>
                        </div>
                        <div id="watch-items" class="row pl-3">
                        </div>
                    </div>
                </div>
            </div>
        </div>
```

```
<footer id="footer">
          <div class="color-info">
              <div class="w-100 back-to-top mx-auto text-center text-uppercase</pre>
text-dark p-3 scrollToTop">
                  <span class="fa fa-caret-up" aria-hidden="true"></span>
                   Back to top 
                  <span class="fa fa-caret-up" aria-hidden="true"></span>
              </div>
           </div>
           <div class="container-fluid">
              <div class="mx-auto text-center text-dark text-uppercase small-</pre>
text">
                  SIGN UP FOR THE LATEST NEWS & amp; OFFERS
              </div>
              <form class="pb-4 mx-auto text-center" action="newsletter.php"</pre>
method="post">
                  <input class="newsletter-input newsletter-email mr-1"</pre>
type="email" placeholder="Please enter your email address" />
                  <input class="newsletter-input newsletter-submit"</pre>
type="submit" value="SIGN UP" />
              </form>
           </div>
           <div id="footer-menu" class="container py-2 d-none d-lg-block">
              <a href="../index.html" class="nav-link text-</pre>
uppercase">Home</a>
                  <a href="gallery.html" class="nav-link text-</pre>
uppercase">Gallery</a>
                  <a href="watches.html" class="nav-link text-</pre>
uppercase">Store</a>
                  <span onclick="navigateToMensWatches('watches.html')"</pre>
class="nav-link text-uppercase">Mens watches
```

```
<span onclick="navigateToLadiesWatches('watches.html')"</pre>
class="nav-link text-uppercase">Ladies watches</span>
                  <span class="nav-link text-uppercase">Sell your
watch</span>
                  <a href="contact.html" class="nav-link text-</pre>
uppercase">Contact</a>
                  <a href="aboutme.html" class="nav-link text-</pre>
uppercase">About Me</a>
                  <a href="../sitemap.xml" class="nav-link text-</pre>
uppercase">Sitemap</a>
                  </div>
          <div id="copyrights" class="container-fluid py-2 text-center text-</pre>
dark">
              <span>Copyrights&copy; 2019 Nikola Jovi&#263;</span>
          </div>
       </footer>
       <script src="../js/jquery.min.js"></script>
       <script src="../js/myscripts.js"></script>
       <script src="../js/watches.js"></script>
       <script src="../js/navigation.js"></script>
       <script src="../js/bootstrap.min.js"></script>
   </body>
</html>
```

Watches.js

```
$(function()
{
    initialize();
});

let watchesLoaded = false;
```

```
let manufacturersLoaded = false;
let gendersLoaded = false;
let typesLoaded = false;
let watches;
let manufacturers;
let genders;
let types;
let sort = 0;
let filters = {
    gender: [],
    types: [],
    manufacturers: []
};
function initialize()
    subscribeToEvents();
    loadWatches(function(data)
        watches = data;
        watchesLoaded = true;
        itemLoaded();
    });
    loadManufacturers(function(data)
        manufacturers = data;
        manufacturersLoaded = true;
        itemLoaded();
    });
    loadGenders(function(data)
    {
        genders = data;
        gendersLoaded = true;
        itemLoaded();
    });
    loadTypes(function(data)
        types = data;
```

```
typesLoaded = true;
        itemLoaded();
   });
function subscribeToEvents()
    $("#sort-box").on("change", onSortBoxValueChanged)
function onSortBoxValueChanged()
    sort = this.value;
    displayWatches();
function itemLoaded()
    if(watchesLoaded && manufacturersLoaded && gendersLoaded && typesLoaded)
        onEverithingLoaded();
function onEverithingLoaded()
    loadLocalStorage();
    displayWatches();
    renderFilters();
function loadLocalStorage()
    let _filters = loadObjectFromLocalStorage("filters");
    if(_filters != null)
        filters = _filters;
        localStorage.removeItem("filters");
function displayWatches()
```

```
let watches = cloneArray(watches);
    watches = filterWatches( watches);
    _watches = sortWatches(_watches);
    renderWatches( watches);
function renderFilters()
    let filtersHtml = `<h2 class="text-center text-dark filter-header py-2 mb-</pre>
0">Filters</h2>`;
    filtersHtml = renderTypes(filtersHtml);
    filtersHtml = renderManufacturers(filtersHtml);
    filtersHtml = renderGender(filtersHtml);
    $("#filters").html(filtersHtml);
function renderManufacturers(filtersHtml)
    let manufacturersHtml = `${filtersHtml}<div class="px-2 py-3"><h3</pre>
class="text-dark pb-2 filter-headers">Manufacturers</h3>`;
    for(let m of manufacturers)
    {
        manufacturersHtml += `<label class="text-dark pl-3 d-block">
                                 <input type="checkbox" class="filter-checkbox"</pre>
onchange="manufacturerCheckboxChanged(${m.id}, checked)"
${filters.manufacturers.includes(m.id) ? "checked" : ""} />
                                 ${m.name} (${watches.filter(w =>
w.manufacturerId == m.id).length})
                             </label>`;
    }
    manufacturersHtml += `</div>`;
    return manufacturersHtml;
}
function manufacturerCheckboxChanged(mId, value)
    value ? filters.manufacturers.push(mId) : filters.manufacturers =
filters.manufacturers.filter(f => f != mId);
    displayWatches();
```

```
function renderTypes(filtersHtml)
    let typesHtml = `${filtersHtml}<div class="px-2 py-3"><h3 class="text-dark</pre>
pb-2 filter-headers">Types</h3>`;
    for(let m of types)
        typesHtml += `<label class="text-dark pl-3 d-block">
                             <input type="checkbox" class="filter-checkbox"</pre>
onchange="typeCheckboxChanged(${m.id}, checked)" ${filters.types.includes(m.id) ?
"checked" : ""} />
                            ${m.name} (${watches.filter(w => w.typeId ==
m.id).length})
                        </label>`;
    }
    typesHtml += `</div>`;
    return typesHtml;
}
function typeCheckboxChanged(mId, value)
    value ? filters.types.push(mId) : filters.types = filters.types.filter(f => f
!= mId);
    displayWatches();
function renderGender(filtersHtml)
    let genderHtml = `${filtersHtml}<div class="px-2 py-3"><h3 class="text-dark</pre>
pb-2 filter-headers">Gender</h3>`;
    for(let m of genders)
        genderHtml += `<label class="text-dark pl-3 d-block">
                                  <input type="checkbox" class="filter-checkbox"</pre>
onchange="genderCheckboxChanged(${m.id}, checked)"
${filters.gender.includes(m.id) ? "checked" : ""} />
                                 ${m.name} Watches (${watches.filter(w =>
w.genderId == m.id).length})
                             </label>`;
    genderHtml += `</div>`;
   return genderHtml;
```

```
function genderCheckboxChanged(mId, value)
    value ? filters.gender.push(mId) : filters.gender = filters.gender.filter(f
=> f != mId);
    displayWatches();
function cloneArray(arr)
    return arr.slice(0);
function filterWatches(_watches)
    let w = filterByManufacturer(_watches);
    w = filterByGender(w);
    w = filterByType(w);
   return w;
}
function filterByManufacturer( watches)
    if(filters.manufacturers.length > 0)
        return _watches.filter(w =>
filters.manufacturers.includes(w.manufacturerId));
    return _watches;
function filterByGender(_watches)
    if(filters.gender.length > 0)
        return _watches.filter(w => filters.gender.includes(w.genderId));
    return _watches;
}
function filterByType(_watches)
```

```
if(filters.types.length > 0)
        return watches.filter(w => filters.types.includes(w.typeId));
    return _watches;
}
function sortWatches(_watches)
    if(sort == 1)
        return watches.sort((a, b) =>
        {
            let aFullName = manufacturers.find(m => m.id ==
a.manufacturerId).name + " " + a.name;
            let bFullName = manufacturers.find(m => m.id ==
b.manufacturerId).name + " " + b.name;
            return aFullName.localeCompare(bFullName)
        });
    else if(sort == 2)
       return _watches.sort((a, b) =>
            let aFullName = manufacturers.find(m => m.id ==
a.manufacturerId).name + " " + a.name;
            let bFullName = manufacturers.find(m => m.id ==
b.manufacturerId).name + " " + b.name;
            return -aFullName.localeCompare(bFullName)
        });
    }
    else if(sort == 3)
        return _watches.sort((a, b) => a.price - b.price);
    else if(sort == 4)
        return _watches.sort((a, b) => b.price - a.price);
    return _watches;
```

```
function renderWatches(_watches)
    let watchesHtml = "";
    for(let watch of _watches)
        let manufacturer = manufacturers.find(m => m.id == watch.manufacturerId);
        watchesHtml += `<div class="col-lg-3 col-md-6 col-xs-12 p-2">
                             <div class="store-item p-2">
                                 <img src="../img/${watch.image}" class="img-fluid</pre>
mx-auto d-block" alt="${watch.name}" />
                                 <span class="text-uppercase text-dark d-block</pre>
text-center py-2">${manufacturer.name} ${watch.name}</span>
                                 <span class="text-uppercase price text-dark d-</pre>
block text-center pb-3 pt-1">${watch.price}$</span>
                                 <input type="button"</pre>
onclick="addWatchToCart(${watch.id})" class="add-to-cart-button" value="Add to
cart" />
                             </div>
                        </div>`;
    }
    $("#watch-items").html(watchesHtml);
function addWatchToCart(id)
    let cart = loadObjectFromLocalStorage("cart");
    if(cart == null)
        cart = [];
    let item = cart.find(i => i.id == id);
    if(item == null)
        item = {
            id: id,
            count: 1
        };
        cart.push(item);
```

```
else
        item.count += 1;
    saveObjectToLocalStorage("cart", cart);
    $("#cart-link").text(`${arraySum(cart, i => i.count)} Items`);
function arraySum(arr, f)
    let _{sum} = 0;
    for(let m of arr)
        _sum += f(m);
   return _sum;
function loadWatches(callback)
    loadJson("../data/watches.json", callback);
function loadGenders(callback)
    loadJson("../data/gender.json", callback);
function loadManufacturers(callback)
    loadJson("../data/manufacturers.json", callback);
function loadTypes(callback)
    loadJson(".../data/types.json", callback);
function loadJson(path, successCallback)
   $.ajax({
```

```
url: path,
    type: "GET",
    dataType: "json",
    success: function(data)
    {
        successCallback(data);
    }
});
}

function loadObjectFromLocalStorage(key)
{
    return JSON.parse(localStorage.getItem(key));
}

function saveObjectToLocalStorage(key, object)
{
    localStorage.setItem(key, JSON.stringify(object));
}
```

Index.js

```
$(function()
{
    initialize();
});

let watches;
let watchesLoaded = false;
let featuredWatches;
let featuredWatchesLoaded = false;

function initialize()
{
    loadFeaturedItems();
}

function loadFeaturedItems()
{
    loadFeatured(function(data))
    {
        featuredWatches = data;
            featuredWatchesLoaded = true;
}
```

```
if(watchesLoaded == true)
            onFeaturedWatchesLoaded();
    });
    loadWatches(function(data)
        watches = data;
        watchesLoaded = true;
        if(featuredWatchesLoaded == true)
            onFeaturedWatchesLoaded();
    });
}
function onFeaturedWatchesLoaded()
    let featuredHtml = "";
    for(let featured of featuredWatches)
        let watch = watches.find(w => w.id == featured.watchId);
        featuredHtml += `<div class="col-lg-3 col-md-6 col-xs-12 p-2">
                             <div class="category p-2"</pre>
onclick='openWatchesFromIndex(${JSON.stringify(featured.reference)})'>
                                 <img src="img/${watch.image}" class="img-fluid</pre>
mx-auto d-block" alt="${featured.name}" />
                                 <span class="text-uppercase text-dark d-block</pre>
text-center py-1">${featured.name}</span>
                             </div>
                         </div>`;
    }
    $("#featured-categories").html(featuredHtml);
function loadFeatured(callback)
    loadJson("data/featured.json", callback);
```

```
function loadWatches(callback)
{
    loadJson("data/watches.json", callback);
}

function loadJson(path, successCallback)
{
    $.ajax({
        url: path,
        type: "GET",
        dataType: "json",
        success: function(data)
        {
            successCallback(data);
        }
    });
}
```