

# Dokumentacija za sajt Watch-Store

Student:

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Source code:

<https://github.com/Nikola112/watch-store/>

# Uvod

## Programski i markup jezici i biblioteke:

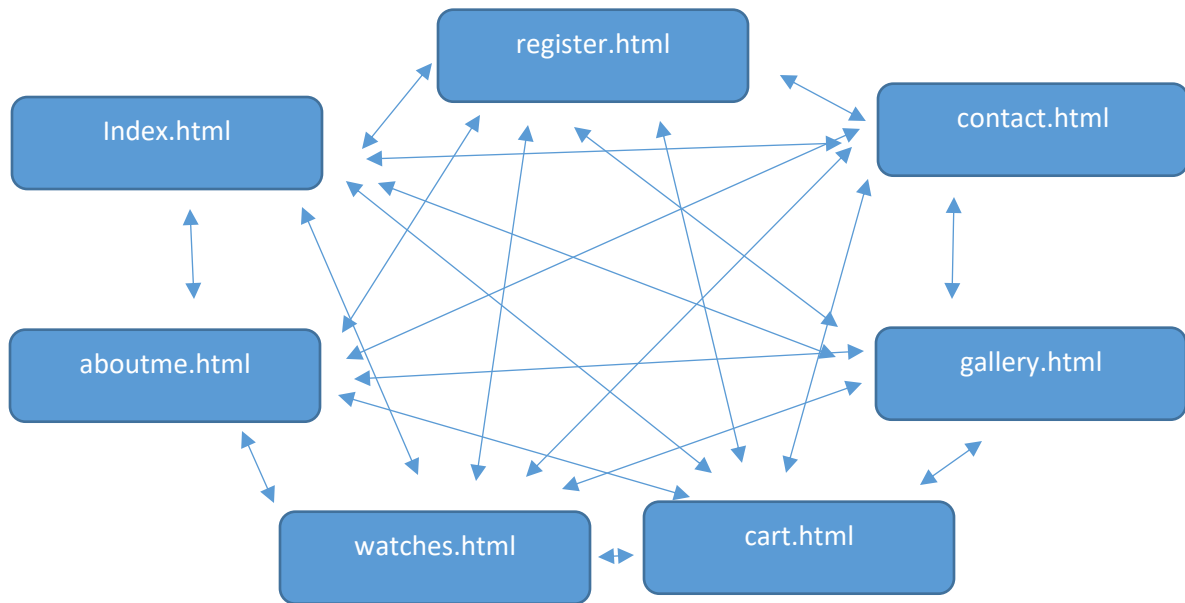
- HTML
- CSS
- JavaScript
- JQuery
- JSON

## Opis funkcionalnosti:

Na index stran tipovi satova se dinamički ispisuju klikom na njih odlazite u prodavnicu gde su satovi već filtrirani po tipu. Na indexu se nalaze i brendovi klikom na neki od njih odlazite u prodavnicu gde su satovi već filtrirani po izabranom brendu. Na stranici galerija nalaze se dinamički učitane slike iz JSON-a. Na stranici store nalazi se prodavnica satova u kojoj je moguće filtrirati satove po tipu, polu i brendu, i moguće ih je sortirati po menu i ceni, opadajuće i rastuće. Klikom na 'Add to cart' sat će se dodati u u korpu (local storage). Klikom na (Items) u gornjem desnom uglu odlazi se na stranicu cart, gde se nalaze svi satovi stavljeni u korpu i količina, odatle je moguće dodati više satova, izbaciti iz korpe, očistiti korpu i videti cene i ukupne cene (po satu i sve ukupno). Na stranici register i contact ako se unese pogrešan mail ispisuje se poruka 'Invalid email.'.

# Organizacija

## Organizaciona sema:



## Sitemap:

```
<?xml version="1.0" encoding="utf-8"?>
<urlset xmlns="http://www.sitemap.org/schemas/sitemap/0.9">

  <url>
    <loc>https://nikola112.github.io/watch-store/index.html</loc>
    <lastmod>2019-05-10</lastmod>
    <changefreq>daily</changefreq>
    <priority>0.9</priority>
  </url>

  <url>
    <loc>https://nikola112.github.io/watch-store/content/gallery.html</loc>
    <lastmod>2019-05-4</lastmod>
    <changefreq>weekly</changefreq>
```

```
    <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,
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
best watches for lowest prices." />

    <link rel="shortcut icon" href="img/icon.png" />

    <link href="https://fonts.googleapis.com/css?family=Muli"
rel="stylesheet" />
    <link href="https://fonts.googleapis.com/css?family=Playfair+Display"
rel="stylesheet" />
    <link rel="stylesheet" href="css/bootstrap.css" />
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
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>
            &nbsp;011/0000000
          </div>
          <div class="header-item ml-auto">
            <a href="content/register.html" class="link">
              <span class="fa fa-sign-in" aria-
hidden="true"></span>
              &nbsp;Sign in or Register
            </a>
          </div>
        </nav>
      </div>
    </header>
  </body>
</html>
```

```

        </a>
    </div>
    <div class="header-item link">
        <span class="fa fa-map-marker" aria-hidden="true"></span>
        &nbsp;Store Locator
    </div>
    <div class="header-item link">
        <span class="fa fa-shopping-bag" aria-
hidden="true"></span>
        &nbsp;<a href="content/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="#" 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"
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-
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-
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-
hidden="true"></span>
    </div>

    <div class="collapse navbar-collapse" id="main-navbar">
        <ul class="navbar-nav nav-fill w-100">
            <li class="nav-item active">
                <a class="nav-link link text-uppercase"
href="#">Home</a>
            </li>
            <li class="nav-item">
                <a class="nav-link link text-uppercase"
href="content/gallery.html">Gallery</a>
            </li>
            <li class="nav-item">
                <!-- Span zato sto linkovi koji ne vode nigde
nisu dobri za SEO -->
                <a class="nav-link link text-uppercase"
href="content/watches.html">Store</a>
            </li>
            <li class="nav-item">
                <span
onclick="navigateToMensWatches('content/watches.html')" class="nav-link link
text-uppercase">Mens watches</span>

```

```

        </li>
        <li class="nav-item">
            <span
onclick="navigateToLadiesWatches('content/watches.html')" class="nav-link link
text-uppercase">Ladies watches</span>
        </li>
        <li class="nav-item">
            <span class="nav-link link text-
uppercase">Sell your watch</span>
        </li>
        <li class="nav-item">
            <a class="nav-link link text-uppercase"
href="content/contact.html">Contact</a>
        </li>
        <li class="nav-item">
            <a class="nav-link link text-uppercase"
href="content/aboutme.html">About me</a>
        </li>
        <li class="nav-item d-xs-block d-lg-none">
            <a class="nav-link link text-uppercase"
href="content/register.html">Sign in or Register</a>
        </li>
    </ul>
</div>
</nav>
</div>
</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-
ride="carousel">
            <ol class="carousel-indicators">
                <li data-target="#main-carousel" data-slide-to="0"
class="active"></li>
                <li data-target="#main-carousel" data-slide-to="1"></li>
                <li data-target="#main-carousel" data-slide-to="2"></li>
            </ol>

```



```

        <div class="carousel-inner">
            <div class="carousel-item active">
                
            </div>
            <div class="carousel-item">
                
            </div>
            <div class="carousel-item">
                
            </div>
        </div>
        <a class="carousel-control-prev" href="#main-carousel"
role="button" data-slide="prev">
            <span class="fa fa-chevron-left" aria-
hidden="true"></span>
            <span class="sr-only">Previous</span>
        </a>
        <a class="carousel-control-next" href="#main-carousel"
role="button" data-slide="next">
            <span class="fa fa-chevron-right" aria-
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-
dark usp-block">
                Free Click & Collect Service
                <span class="text-muted d-block">From Over 100 Stores
Nationwide.</span>
            </div>
            <div class="col-lg-4 d-none d-lg-block px-3 py-3 text-
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>
    </div>

```

```

        <div class="col-lg-4 col-xs-12 px-4 py-3 text-dark usp-
block">
            Free Delivery on All Orders
            <span class="text-muted d-block">Next Day Delivery
Available Until 7PM.</span>
        </div>
    </div>
</div>

<div id="categories" class="container">
    <div id="featured-categories" class="row px-4 py-2">
        <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"
onclick="navigateToWatchesWithBrandFromIndex(0)">
                        
                    </div>
                    <div class="col-6 manf-logo"
onclick="navigateToWatchesWithBrandFromIndex(1)">
                        
                    </div>
                </div>
            <div class="col-lg-3 col-md-6 col-xs-12 py-2">
                <div class="row">
                    <div class="col-6 manf-logo"
onclick="navigateToWatchesWithBrandFromIndex(2)">
                        
                    </div>
                    <div class="col-6 manf-logo"
onclick="navigateToWatchesWithBrandFromIndex(3)">
                        
                    </div>
                </div>
            <div class="col-lg-3 col-md-6 col-xs-12 py-2">
                <div class="row">

```

```

        <div class="col-6 manf-logo"
onclick="navigateToWatchesWithBrandFromIndex(4)">
            
        </div>
        <div class="col-6 manf-logo"
onclick="navigateToWatchesWithBrandFromIndex(5)">
            
        </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"
onclick="navigateToWatchesWithBrandFromIndex(6)">
            
        </div>
        <div class="col-6 manf-logo"
onclick="navigateToWatchesWithBrandFromIndex(7)">
            
        </div>
    </div>
</div>
</div>
</div>
</div>
</div>
<div class="container">
    <h2 class="mx-auto pt-5 text-center text-antialiased serif-font
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-
italic d-block mx-auto py-1">Don't miss best offers of the year</span>
        <span class="bar-2"></span>
    </div>
</div>
<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">

```

```

class="img-fluid" />
        
            <div class="caption-text text-center text-
uppercase py-3">
                Only 4 days left
            </div>
            <div class="caption-button text-uppercase text-
center py-3">
                Shop Now
            </div>
        </div>
    </div>
    <div class="col-xs-12 col-lg-6 mb-4">
        <div class="special-offer mx-auto">
            
                <div class="caption-text text-center text-
uppercase py-3">
                    30% off if you pre-order now
                </div>
                <div class="caption-button text-uppercase text-
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">
            
                <div class="caption-text text-center text-
uppercase py-3">
                    only 10 left in stock
                </div>
                <div class="caption-button text-uppercase text-
center py-3">
                    Shop Now
                </div>
            </div>
        </div>
    </div>

```

```

        </div>
        <div class="col-xs-12 col-lg-6 mb-4">
            <div class="special-offer mx-auto">
                
                <div class="caption">
                    <div class="caption-text text-center text-
uppercase py-3">
                        60% discount
                    </div>
                    <div class="caption-button text-uppercase text-
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
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">
                    
                </div>
                <div class="serif-font text-dark text-uppercase text-
center py-2">
                    Watch Servicing
                </div>
                <div class="info-btn text-uppercase text-dark text-
center mx-auto mt-1 mb-4">
                    Find out more
                </div>
            </div>
        </div>
    </div>
</div>

```

```

        <div class="col-xs-12 col-md-6 col-lg-3">
            <div class="information">
                <div class="img-xs-holder mx-auto">
                    

                </div>
                <div class="serif-font text-dark text-uppercase text-
center py-2">

                    WATCH BUYING GUIDE

                </div>

                <div class="info-btn text-uppercase text-dark text-
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">
                    

                </div>
                <div class="serif-font text-dark text-uppercase text-
center py-2">

                    LATEST WATCH NEWS

                </div>

                <div class="info-btn text-uppercase text-dark text-
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">
                    

                </div>
                <div class="serif-font text-dark text-uppercase text-
center py-2">

                    STORE LOCATOR

                </div>

```

```

<div class="info-btn text-uppercase text-dark text-
center mx-auto mt-1 mb-4">
    Find stores
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div id="footer">
    <div class="color-info">
        <div class="w-100 back-to-top mx-auto text-center text-uppercase
text-dark p-3 scrollToTop">
            <span class="fa fa-caret-up" aria-hidden="true"></span>
            &nbsp;&nbsp;&nbsp;Back to top&nbsp;&nbsp;&nbsp;
            <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-
text">
            SIGN UP FOR THE LATEST NEWS & OFFERS
        </div>

        <form class="pb-4 mx-auto text-center" action="newsletter.php"
method="post">
            <input class="newsletter-input newsletter-email mr-1"
type="email" placeholder="Please enter your email address" />
            <input class="newsletter-input newsletter-submit"
type="submit" value="SIGN UP" />
        </form>
    </div>

    <div id="footer-menu" class="container py-2 d-none d-lg-block">
        <ul class="nav mx-auto">
            <li class="nav-item ml-auto">
                <a href="#" class="nav-link text-uppercase">Home</a>
            </li>
            <li class="nav-item">
                <a href="content/gallery.html" class="nav-link text-
uppercase">Gallery</a>
            </li>
            <li class="nav-item">

```

```

        <a href="content/watches.html" class="nav-link text-
uppercase">Store</a>
    </li>
    <li class="nav-item">
        <span
onclick="navigateToMensWatches('content/watches.html')" class="nav-link text-
uppercase">Mens watches</span>
    </li>
    <li class="nav-item">
        <span
onclick="navigateToLadiesWatches('content/watches.html')" class="nav-link text-
uppercase">Ladies watches</span>
    </li>
    <li class="nav-item">
        <span class="nav-link text-uppercase">Sell your
watch</span>
    </li>
    <li class="nav-item">
        <a href="content/contact.html" class="nav-link text-
uppercase">Contact</a>
    </li>
    <li class="nav-item">
        <a href="content/aboutme.html" class="nav-link text-
uppercase">About Me</a>
    </li>
    <li class="nav-item mr-auto">
        <a href="sitemap.xml" class="nav-link text-
uppercase">Sitemap</a>
    </li>
</ul>
</div>

<div id="copyrights" class="container-fluid py-2 text-center text-
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,
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"
rel="stylesheet" />
    <link href="https://fonts.googleapis.com/css?family=Playfair+Display"
rel="stylesheet" />
    <link rel="stylesheet" href="../css/bootstrap.css" />
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
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>
            &nbsp;011/0000000
          </div>
          <div class="header-item ml-auto">
            <a href="register.html" class="link">
              <span class="fa fa-sign-in" aria-
hidden="true"></span>
              &nbsp;Sign in or Register
            </a>
          </div>
          <div class="header-item link">
            <span class="fa fa-map-marker" aria-hidden="true"></span>
            &nbsp;Store Locator
          </div>
        </nav>
      </div>
    </header>
  </body>
</html>
```

```

        </div>
        <div class="header-item link">
            <span class="fa fa-shopping-bag" aria-
hidden="true"></span>
            &nbsp;<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"
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-
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-
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-
hidden="true"></span>
    </div>

    <div class="collapse navbar-collapse" id="main-navbar">
        <ul class="navbar-nav nav-fill w-100">
            <li class="nav-item">
                <a class="nav-link link text-uppercase"
href="../index.html">Home</a>
            </li>
            <li class="nav-item active">
                <a class="nav-link link text-uppercase"
href="gallery.html">Gallery</a>
            </li>
            <li class="nav-item">
                <!-- Span zato sto linkovi koji ne vode nigde
nisu dobri za SEO -->
                <a class="nav-link link text-uppercase"
href="watches.html">Store</a>
            </li>
            <li class="nav-item">
                <span
onclick="navigateToMensWatches('watches.html')" class="nav-link link text-
uppercase">Mens watches</span>
            </li>
            <li class="nav-item">
                <span
onclick="navigateToLadiesWatches('watches.html')" class="nav-link link text-
uppercase">Ladies watches</span>

```

```

        </li>
        <li class="nav-item">
            <span class="nav-link link text-
uppercase">Sell your watch</span>
        </li>
        <li class="nav-item">
            <a class="nav-link link text-uppercase"
href="contact.html">Contact</a>
        </li>
        <li class="nav-item">
            <a class="nav-link link text-uppercase"
href="aboutme.html">About me</a>
        </li>
        <li class="nav-item d-xs-block d-lg-none">
            <a class="nav-link link text-uppercase"
href="register.html">Sign in or Register</a>
        </li>
    </ul>
</div>
</nav>
</div>
</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>
        <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
text-dark p-3 scrollToTop">
            <span class="fa fa-caret-up" aria-hidden="true"></span>

```

```

        &nbsp;  Back to top&nbsp;  
        <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-
text">
        SIGN UP FOR THE LATEST NEWS & OFFERS
    </div>

    <form class="pb-4 mx-auto text-center" action="newsletter.php"
method="post">
        <input class="newsletter-input newsletter-email mr-1"
type="email" placeholder="Please enter your email address" />
        <input class="newsletter-input newsletter-submit"
type="submit" value="SIGN UP" />
    </form>
</div>

<div id="footer-menu" class="container py-2 d-none d-lg-block">
    <ul class="nav mx-auto">
        <li class="nav-item ml-auto">
            <a href="../index.html" class="nav-link text-
uppercase">Home</a>
        </li>
        <li class="nav-item">
            <a href="gallery.html" class="nav-link text-
uppercase">Gallery</a>
        </li>
        <li class="nav-item">
            <a href="watches.html" class="nav-link text-
uppercase">Store</a>
        </li>
        <li class="nav-item">
            <span onclick="navigateToMensWatches('watches.html')"
class="nav-link text-uppercase">Mens watches</span>
        </li>
        <li class="nav-item">
            <span onclick="navigateToLadiesWatches('watches.html')"
class="nav-link text-uppercase">Ladies watches</span>
        </li>
        <li class="nav-item">
            <span class="nav-link text-uppercase">Sell your
watch</span>

```

```

        </li>
        <li class="nav-item">
            <a href="contact.html" class="nav-link text-
uppercase">Contact</a>
        </li>
        <li class="nav-item">
            <a href="aboutme.html" class="nav-link text-
uppercase">About Me</a>
        </li>
        <li class="nav-item mr-auto">
            <a href="../sitemap.xml" class="nav-link text-
uppercase">Sitemap</a>
        </li>
    </ul>
</div>

<div id="copyrights" class="container-fluid py-2 text-center text-
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

```

<!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,
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." />
    </head>
    <body>
        <div class="container">
            <div class="row">
                <div class="col">
                    <div class="card">
                        <div class="card-body">
                            <div class="text-center">
                                <h3>WatchShop</h3>
                                <p>Find best watch that suits you</p>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </body>
</html>

```

```

<link rel="shortcut icon" href="../img/icon.png" />

<link href="https://fonts.googleapis.com/css?family=Muli"
rel="stylesheet" />
<link href="https://fonts.googleapis.com/css?family=Playfair+Display"
rel="stylesheet" />
<link rel="stylesheet" href="../css/bootstrap.css" />
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
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>
            &nbsp;011/0000000
        </div>
        <div class="header-item ml-auto">
          <a href="register.html" class="link">
            <span class="fa fa-sign-in" aria-
hidden="true"></span>
              &nbsp;Sign in or Register
          </a>
        </div>
        <div class="header-item link">
          <span class="fa fa-map-marker" aria-hidden="true"></span>
            &nbsp;Store Locator
        </div>
        <div class="header-item link">
          <span class="fa fa-shopping-bag" aria-
hidden="true"></span>
            &nbsp;<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">

```

```

1821</div>
        <div class="bar"></div>
        <div class="small-text text-uppercase">Since

        <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"
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-
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-
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
                </a>
                <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>

```



```

        <div class="link d-block d-lg-none shopping-cart">
            <span class="fa fa-shopping-cart" aria-
hidden="true"></span>
        </div>

        <div class="collapse navbar-collapse" id="main-navbar">
            <ul class="navbar-nav nav-fill w-100">
                <li class="nav-item">
                    <a class="nav-link link text-uppercase"
href=" ../index.html">Home</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link link text-uppercase"
href="gallery.html">Gallery</a>
                </li>
                <li class="nav-item active">
                    <!-- Span zato sto linkovi koji ne vode nigde
nisu dobri za SEO -->
                    <a class="nav-link link text-uppercase"
href="watches.html">Store</a>
                </li>
                <li class="nav-item">
                    <span
onclick="navigateToMensWatches('watches.html')" class="nav-link link text-
uppercase">Mens watches</span>
                </li>
                <li class="nav-item">
                    <span
onclick="navigateToLadiesWatches('watches.html')" class="nav-link link text-
uppercase">Ladies watches</span>
                </li>
                <li class="nav-item">
                    <span class="nav-link link text-
uppercase">Sell your watch</span>
                </li>
                <li class="nav-item">
                    <a class="nav-link link text-uppercase"
href="contact.html">Contact</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link link text-uppercase"
href="aboutme.html">About me</a>
                </li>
                <li class="nav-item d-xs-block d-lg-none">

```

```

    <a class="nav-link link text-uppercase"
href="register.html">Sign in or Register</a>
    </li>
  </ul>
</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>
</div>

```

```

<footer id="footer">
  <div class="color-info">
    <div class="w-100 back-to-top mx-auto text-center text-uppercase
text-dark p-3 scrollToTop">
      <span class="fa fa-caret-up" aria-hidden="true"></span>
      &nbsp;&nbsp;&nbsp;Back to top&nbsp;&nbsp;&nbsp;
      <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-
text">
      SIGN UP FOR THE LATEST NEWS & OFFERS
    </div>

    <form class="pb-4 mx-auto text-center" action="newsletter.php"
method="post">
      <input class="newsletter-input newsletter-email mr-1"
type="email" placeholder="Please enter your email address" />
      <input class="newsletter-input newsletter-submit"
type="submit" value="SIGN UP" />
    </form>
  </div>

  <div id="footer-menu" class="container py-2 d-none d-lg-block">
    <ul class="nav mx-auto">
      <li class="nav-item ml-auto">
        <a href="../index.html" class="nav-link text-
uppercase">Home</a>
      </li>
      <li class="nav-item">
        <a href="gallery.html" class="nav-link text-
uppercase">Gallery</a>
      </li>
      <li class="nav-item">
        <a href="watches.html" class="nav-link text-
uppercase">Store</a>
      </li>
      <li class="nav-item">
        <span onclick="navigateToMensWatches('watches.html')"
class="nav-link text-uppercase">Mens watches</span>
      </li>
      <li class="nav-item">

```

```

        <span onclick="navigateToLadiesWatches('watches.html')"
class="nav-link text-uppercase">Ladies watches</span>
    </li>
    <li class="nav-item">
        <span class="nav-link text-uppercase">Sell your
watch</span>
    </li>
    <li class="nav-item">
        <a href="contact.html" class="nav-link text-
uppercase">Contact</a>
    </li>
    <li class="nav-item">
        <a href="aboutme.html" class="nav-link text-
uppercase">About Me</a>
    </li>
    <li class="nav-item mr-auto">
        <a href="../sitemap.xml" class="nav-link text-
uppercase">Sitemap</a>
    </li>
</ul>
</div>

<div id="copyrights" class="container-fluid py-2 text-center text-
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 = `

## 


```

```

function renderTypes(filtersHtml)
{
    let typesHtml = `${filtersHtml}<div class="px-2 py-3"><h3 class="text-dark 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"
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 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"
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">
                
                <span class="text-uppercase text-dark d-block
text-center py-2">${manufacturer.name} ${watch.name}</span>
                <span class="text-uppercase price text-dark d-
block text-center pb-3 pt-1">${watch.price}</span>
                <input type="button"
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"
onclick='openWatchesFromIndex(${JSON.stringify(featured.reference)})'>
                
                <span class="text-uppercase text-dark d-block
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);
        }
    });
}
```