DOKUMENTACIJA

https://bokule.github.io/mobishop/

Web Programiranje 2

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Smer: Internet tehnologije

Modul: Web programiranje

Predmet: Web programiranje 2

SADRŽAJ

Contents

1. Uvod

1.1 Korišćeni programski jezici

Za izradu sajta korišćeni su HTML, SASS/CSS, JavaScript/jQuery, JSON i XML(sitemap).

Radno okruženje Visual Studio Code.
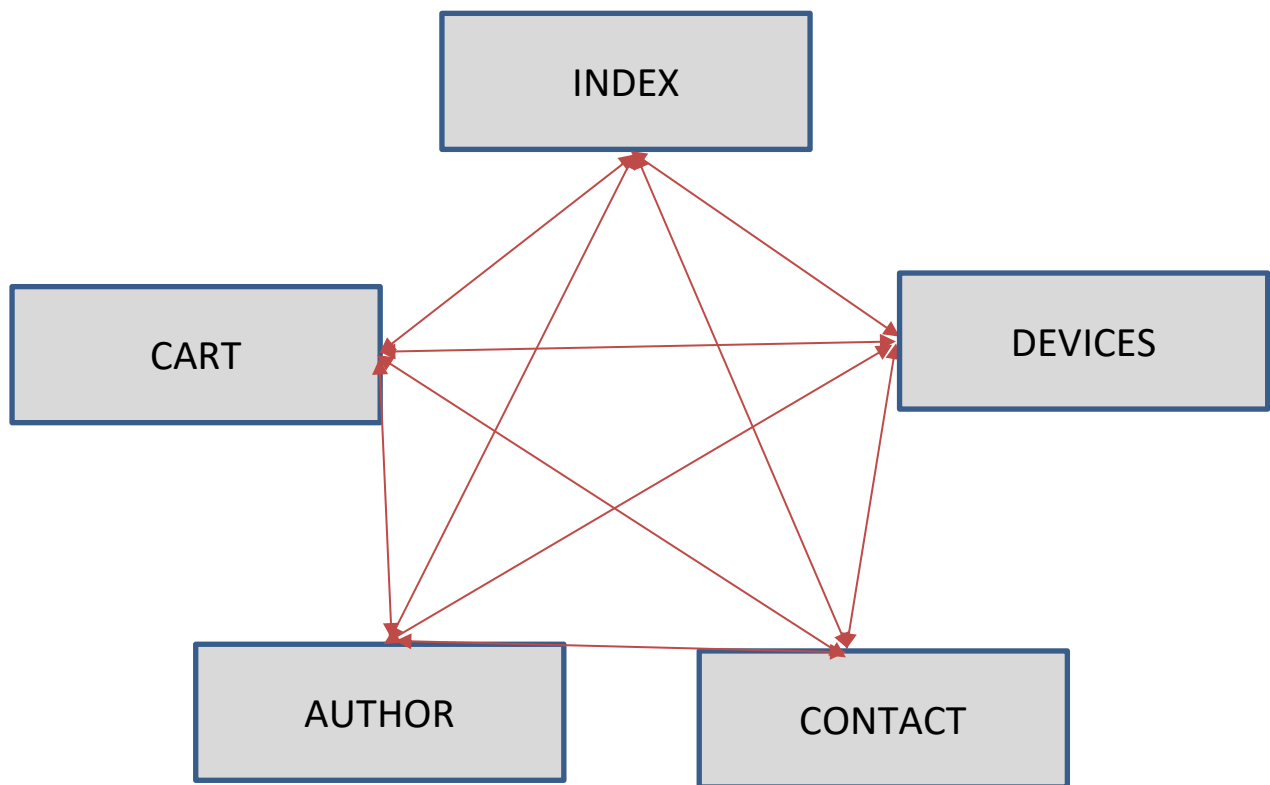
1.2 Opis funkcionalnosti

- Dinamičko ispisivanje navigacionih menija (meni u header-u, sidenav-u i footeru) sa podacima dohvaćenim iz JSON fajla sa AJAX-om
- Prikazivanje trenutnog broja proizvoda u korpi u uglu linka za pristup korpi
- Dinamičko ispisivanje linkova do socijalnih mreža u footeru sa podacima dohvaćenim iz JSON fajla
- Dinamičko ispisivanje slika u slideru sa podacima dohvaćenim iz JSON fajla
- Dinamičko ispisivanje uređaja sa podacima dohvaćenim iz JSON fajla
- Filtriranje I sortiranje prikazanih uređaja
- Checkbox-ovi za filtriranje po brendu I operativnom sistemu dinamički ispisani sa podacima iz JSON fajla
- Dodavanje uređaja u korpu sa local storage-om
- Provera kontakt forme sa regularnim izrazima
- Dinamičko ispisivanje linkova do socijalnih mreža autora sa podacima iz JSON fajla
- Ispisivanje svih uređaja trenutno u korpi i mogućnost da se pojedinačni uređaji uklone iz korpe ili da im se promeni količina
- Provera forme za kreiranje porudžbine preko regularnih izraza

1.3 Template

Za izradu sajta nije korišćen template

2. Organizacija

2.1 Organizaciona šema

```
                    ┌──────────────┐
                    │    INDEX     │
                    └──────────────┘

┌──────────────┐                    ┌──────────────┐
│     CART     │                    │   DEVICES    │
└──────────────┘                    └──────────────┘

   ┌──────────────┐        ┌──────────────┐
   │    AUTHOR    │        │   CONTACT    │
   └──────────────┘        └──────────────┘
```

2.2 Mapa sajta

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
   <url>
      <loc>https://bokule.github.io/mobishop/index.html</loc>
      <lastmod>2021-03-08</lastmod>
      <changefreq>monthly</changefreq>
      <priority>0.8</priority>
   </url>
   <url>
      <loc>https://bokule.github.io/mobishop/devices.html</loc>
      <lastmod>2021-03-08</lastmod>
      <changefreq>monthly</changefreq>
      <priority>0.7</priority>
   </url><url>
      <loc>https://bokule.github.io/mobishop/contact.html</loc>
      <lastmod>2021-03-08</lastmod>
      <changefreq>monthly</changefreq>
      <priority>0.6</priority>
   </url><url>
      <loc>https://bokule.github.io/mobishop/author.html</loc>
      <lastmod>2021-03-08</lastmod>
      <changefreq>monthly</changefreq>
      <priority>0.5</priority>
   </url><url>
      <loc>https://bokule.github.io/mobishop/cart.html</loc>
      <lastmod>2021-03-08</lastmod>
      <changefreq>monthly</changefreq>
      <priority>0.6</priority>
   </url>
</urlset>
```

2.3 Slike stranica i opis funkcionalnosti

Na svim stranicama

U header-u se navigacioni meni učitava iz JSON fajla putem AJAX-a. U zavisnosti od toga na kojoj stranici se korisnik nalazi, odgovarajući link dobija 'active' klasu.

Pored navigacionog menija nalazi se link do cart.html stranice u čijem uglu se ispisuje broj proizvoda trenutno u korpi.
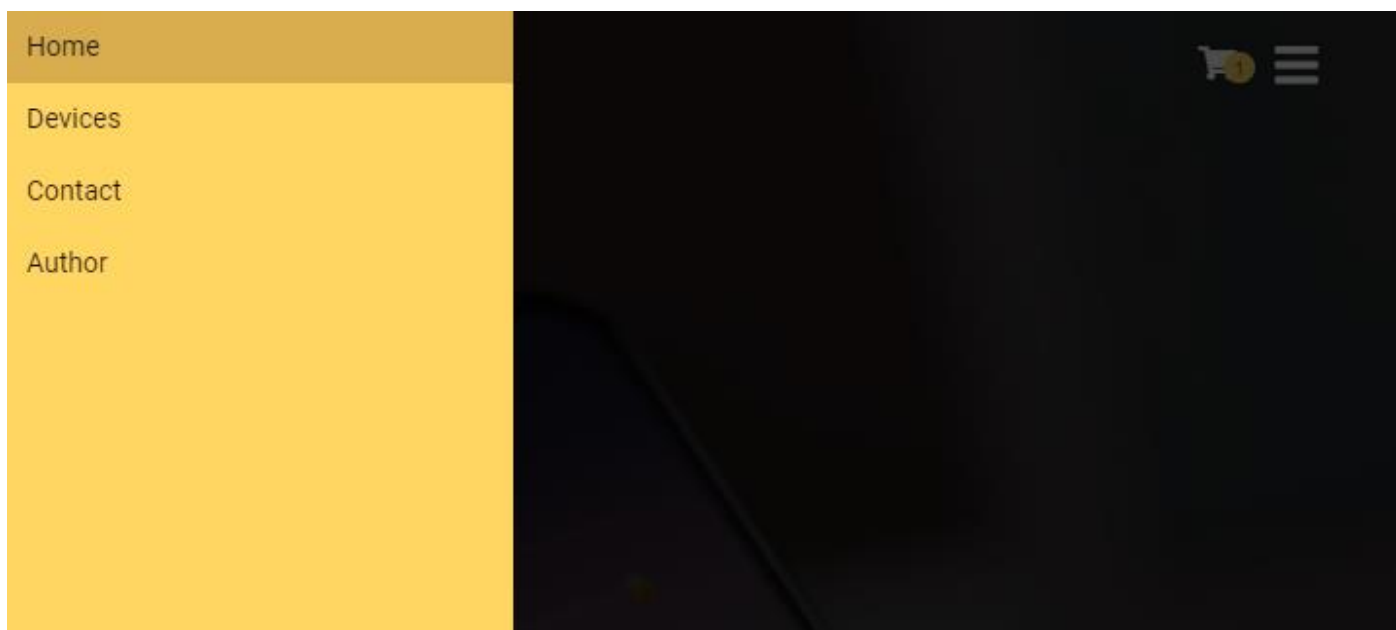
Na manjim rezolucijama navigacioni meni je zamenjen sidenav-om u kom su linkovi takođe učitani iz JSON fajla. U zavisnosti od toga na kojoj stranici se korisnik nalazi, odgovarajući link u sidenav-u dobija 'active' klasu.
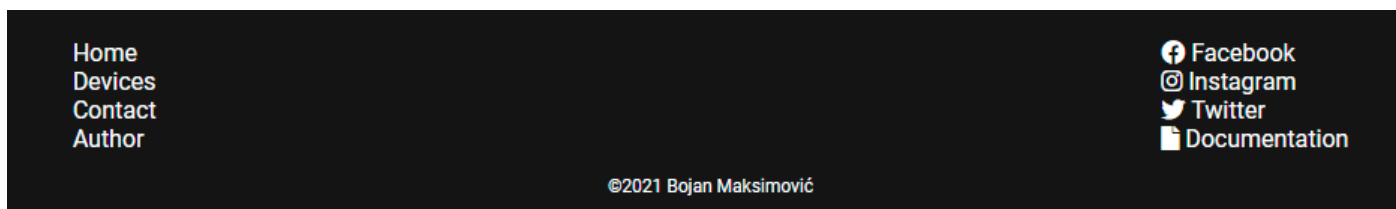
U futeru nalazi se još jedan navigacioni meni kao I linkovi do socijalnih mreža. Obe ove liste su učitane iz JSON fajlova.

Na ovoj stranici se nalazi slider čije se slike učitavaju iz JSON fajla i smenjuju se na svakih 5 sekundi.
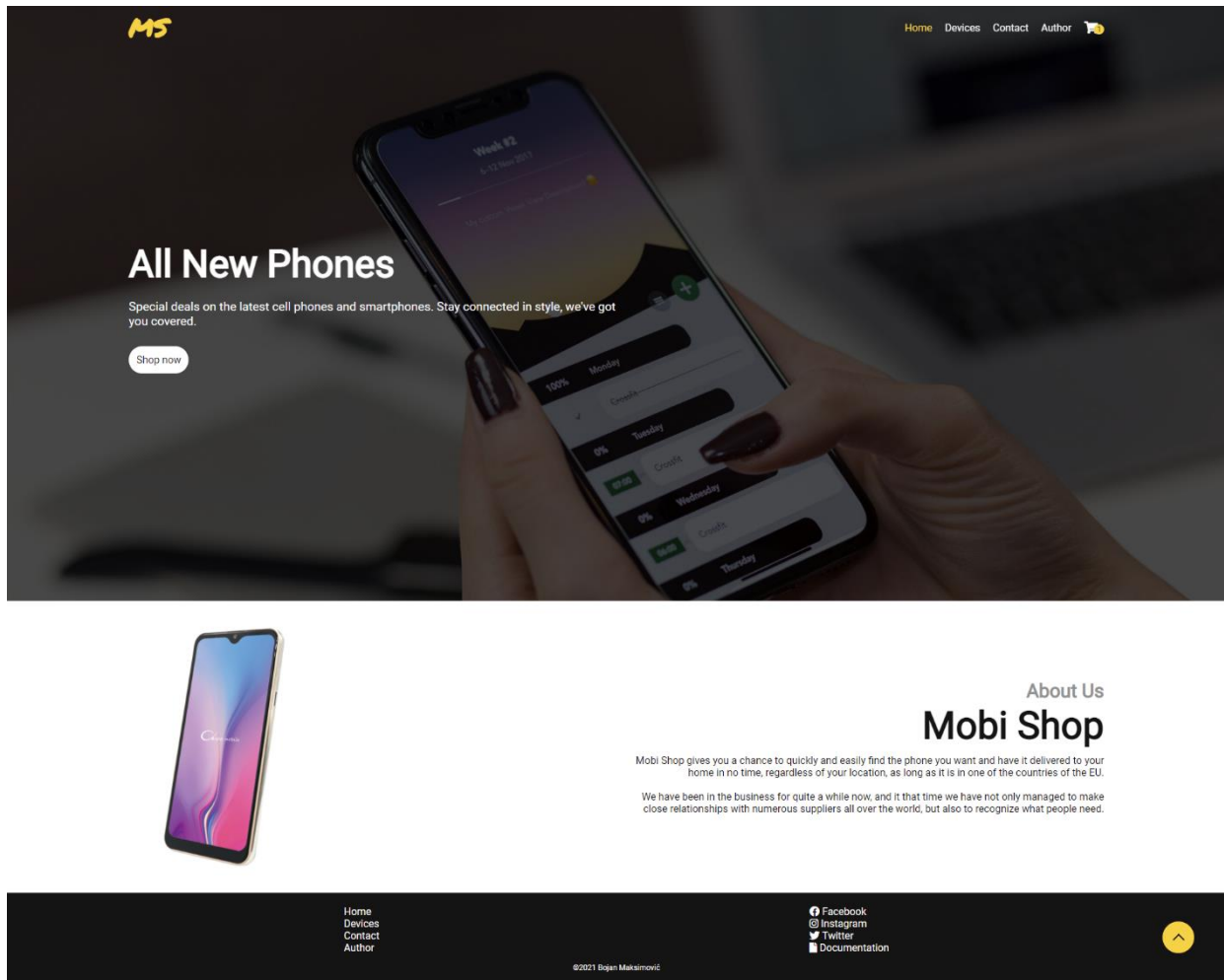
Na ovoj stranici se dinamički ispisuju uređaji iz JSON fajla I dele se na stranice od po najviše 6 uređaja, gde se inicajlno sve osim prve stranice sakrivaju, a korisnik može da koristi div za navigaciju stranicama na dnu stranice da pristupi ostalim stranicama.

Hoverovanjem preko nekog uređaja, ispod njegove slike, prikazuje se taster za dodavanje u korpu. Pritiskom na njega, odabrani uređaj se putem local storage-a, ako već ne postoji u korpi, dodaje u korpu I korisniku se na vrhu stranice izbacuje modal koji mu govori da je uređaj uspešno dodat u korpu. Ako uređaj već postoji u korpi, proverava se njegova količina, i ako je manja od 10, ona se povećava za jedan i korisniku se izbacuje modal koji mu govori da je uređaj uspešno dodat u korpu. U slučaju da se u korpi već nalazi taj uređaj sa količinom 10, korisniku se izbacuje modal koji mu govori da ne može da naruči 10 komada istog uređaja.

Pored uređaja, nalazi se i div za filtriranje i sortiranje prikazanih uređaja. U njemu mogu da se pretražuju uređaji po njihovom nazivu, da se sortiraju po nazivu i ceni, i da se filtriraju u zavisnosti od izabranog brenda, operativnog sistema i maksimalne cene. Checkbox-vi za biranje brenda I operativnog sistema su učitani iz JSON fajlova.

Na ovoj stranici se nalazi kontakt forma čija se polja, ili nakon napuštanja pojedinačnog polja, ili nakon pritiska na taster za slanje, proveravaju regularnim izrazima. Ako je neko polje pogrešno popunjeno ispod njega se ispisuje kako ispravno popuniti to polje.

Ako su sva polja ispravno popunjena, pritiskom na taster za slanje sva polja se prazne I korisniku se izbacuje modal sa porukom 'Sent! Expect an answer from one of our agents soon.'.
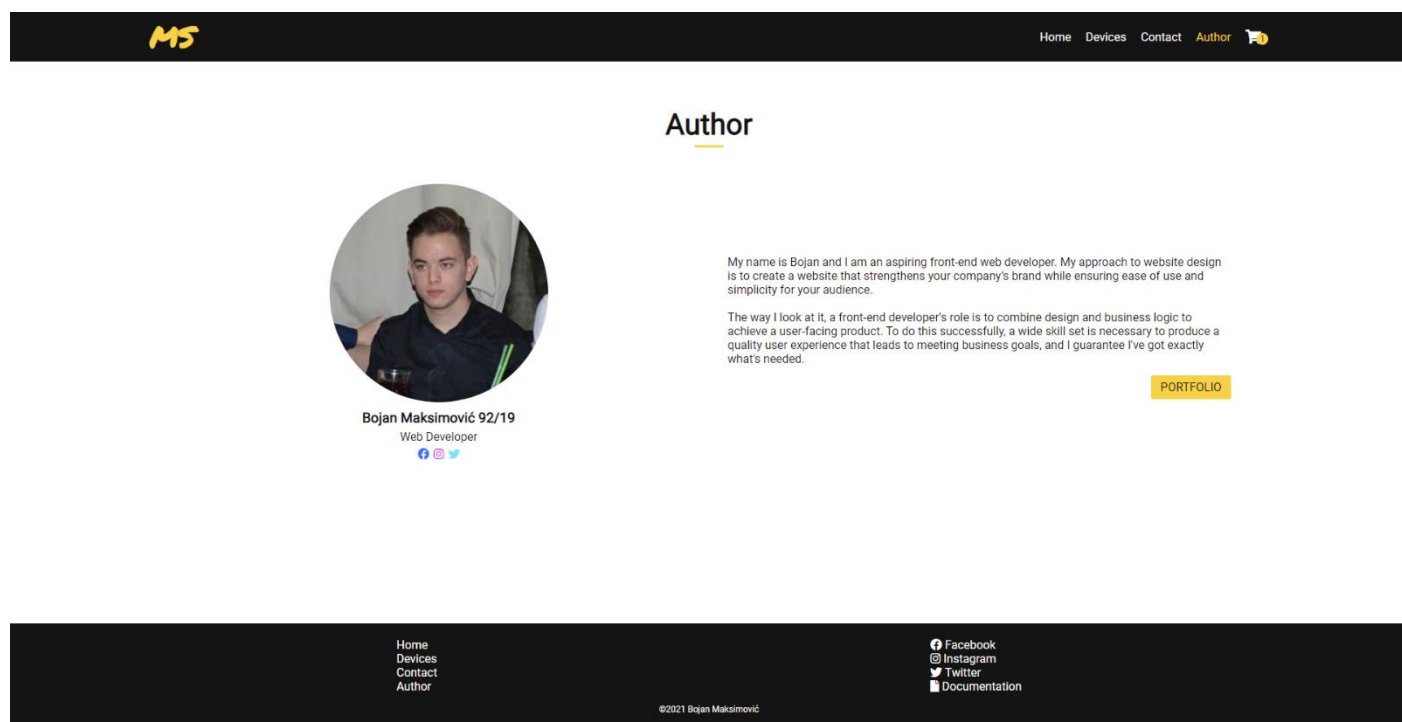
Na author.html stranici linkovi do socijalnih mreža autora, sa sve svojim bojama, se učitavaju iz JSON fajla putem AJAX-a.

cart.html

Na ovoj stranici, korisniku se ispisuje tabela sa svi uređajima trenutno u korpi. U svakom redu tabele, postoje tasteri za povećavanje i smanjenje količine kao i za uklanjanje uređaja iz korpe.

Pored tabele, nalazi se div sa formom za kreiranje porudžbine. Unutar ovog diva se prikazuje ukupna cena svih uređaja u korpi. Klikom na taster 'Checkout', prvo se proverava da li je korpa prazna, i ako jeste, korisniku se izbacuje modal sa porukom 'Your cart is empty!'. Ako korpa nije prazna, polja u formi se proveravaju regularnim izrazima. Ako je neko polje pogrešno popunjeno, ispod njega se ispisuje kako ispravno popuniti to polje. Kad korisnik ispravno popuni formu I pritisne na taster 'Checkout', korpa I forma se prazne, a njemu se izbacuje modal sa porukom 'Success! We will reach out to you in the next couple of days to confirm the provided information.'.

3. Kodovi

3.1 HTML

index.html

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Mobi Shop | Home</title>
        <meta charset="UTF-8"/>
        <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
        <meta name="keywords" content="Mobi Shop, smartphones, cell phones, Shop, Home"/>
        <meta name="description" content="Mobi Shop gives you a chance to quickly and easily find the phone you want and have it delivered to your home in no time..."/>
        <link rel="icon" href="assets/icon/favicon.ico"/>
        <link rel="stylesheet" href="assets/css/style.min.css"/>
        <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.8.2/css/all.css" crossorigin="anonymous"/>
    </head>
    <body>
        <header id="header">
            <div class="container">
                <div id="logo">
                    <a href="index.html">
                        <h1 class="font-xl">MS</h1>
                    </a>
                </div>
                <div id="navAndCart">
                    <div id="nav">
                        <ul>
                        </ul>
                    </div>
                    <div id="cart">
                        <a href="cart.html">
                            <i class="fas fa-shopping-cart font-medium"></i>
                        </a>
                        <label id="cartNumber" class="font-xs"></label>
                    </div>
                    <div id="hamburger">
                        <a href="#">
                            <i class="fas fa-bars font-large"></i>
                        </a>
                    </div>
                    <div id="sideNav">
                        <div class="cover">
                            <div id="sideNavContent">
                                <ul>
                                </ul>
                            </div>
                        </div>
```

```html
                    </div>
                </div>
            </div>
        </header>
        <section id="slider">
            <div class="cover">
                <div class="container">
                    <div id="sliderText">
                        <h2 class="font-xxl">All New Phones</h2>
                        <p class="font-
medium">Special deals on the latest cell phones and smartphones. Stay connected in style,
we've got you covered.</p>
                        <a href="devices.html" class="font-small">Shop now</a>
                    </div>
                </div>
            </div>
        </section>
        <section id="aboutUs" class="bgWhite">
            <div class="container">
                <div id="aboutUsImage">
                    <img src="assets/img/aboutUsImage.png" alt="Image of a phone"/>
                </div>
                <div id="aboutUsText">
                    <h3 class="font-large">About Us</h3>
                    <h4 class="font-xxl">Mobi Shop</h4>
                    <p class="font-
small">Mobi Shop gives you a chance to quickly and easily find the phone you want and have
 it delivered to your home in no time, regardless of your location, as long as it is in on
e of the countries of the EU.</p>
                    <br/>
                    <p class="font-
small">We have been in the business for quite a while now, and it that time we have not on
ly managed to make close relationships with numerous suppliers all over the world, but als
o to recognize what people need.</p>
                </div>
            </div>
        </section>
        <footer id="footer">
            <div class="container">
                <div id="sitemap">
                    <ul>
                    </ul>
                </div>
                <div id="social">
                    <ul>
                    </ul>
                </div>
            </div>
            <span id="copyright" class="font-xs">&copy;2021 Bojan Maksimović</span>
        </footer>
        <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></s
cript>
```

```html
        <script type="text/javascript" src="assets/js/main.min.js"></script>
        <script type="text/javascript" src="assets/js/home.min.js"></script>
    </body>
</html>
```

devices.html

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Mobi Shop | Devices</title>
        <meta charset="UTF-8"/>
        <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
        <meta name="keywords" content="Mobi Shop, smartphones, Android, iOS, Devices"/>
        <meta name="description" content="Mobi Shop gives you a chance to quickly and easi
ly find the phone you want and have it delivered to your home in no time..."/>
        <link rel="icon" href="assets/icon/favicon.ico"/>
        <link rel="stylesheet" href="assets/css/style.min.css"/>
        <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.8.2/css/all.c
ss" crossorigin="anonymous"/>
    </head>
    <body>
        <header id="header">
            <div class="container">
                <div id="logo">
                    <a href="index.html">
                        <h1 class="font-xl">MS</h1>
                    </a>
                </div>
                <div id="navAndCart">
                    <nav id="nav">
                        <ul>
                        </ul>
                    </nav>
                    <div id="cart">
                        <a href="cart.html">
                            <i class="fas fa-shopping-cart font-medium"></i>
                        </a>
                        <label id="cartNumber" class="font-xs"></label>
                    </div>
                    <div id="hamburger">
                        <a href="#">
                            <i class="fas fa-bars font-large"></i>
                        </a>
                    </div>
                    <div id="sideNav">
                        <div class="cover">
                            <div id="sideNavContent">
                                <ul>
                                </ul>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </header>
        <section id="devicesMain" class="bgWhite main">
```

```html
            <div class="container">
                <div id="filters">
                    <form>
                        <div class="formGroup">
                            <input type="text" name="tbSearch" id="tbSearch" class="font-
small textField" placeholder="Search" autocomplete="off"/>
                        </div>
                        <div class="formGroup">
                            <select name="ddlOrder" id="ddlOrder" class="textField font-
small">
                                <option value="0">Sort order</option>
                                <option value="nameAZ">Name A-Z</option>
                                <option value="nameZA">Name Z-A</option>
                                <option value="priceASC">Price Ascending</option>
                                <option value="priceDESC">Price Descending</option>
                            </select>
                        </div>
                        <div id="chbGroups">
                        </div>
                        <div class="formGroup">
                            <input type="range" name="rnPrice" id="rnPrice" min="0" max="2
000" value="2000"/>
                            <label id="priceRange" class="font-small"></label>
                        </div>
                    </form>
                </div>
                <div id="devicesContainer">
                </div>
            </div>
        </section>
        <footer id="footer">
            <div class="container">
                <div id="sitemap">
                    <ul>
                    </ul>
                </div>
                <div id="social">
                    <ul>
                    </ul>
                </div>
            </div>
            <span id="copyright" class="font-xs">&copy;2021 Bojan Maksimović</span>
        </footer>
        <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></s
cript>
        <script type="text/javascript" src="assets/js/main.min.js"></script>
        <script type="text/javascript" src="assets/js/devices.min.js"></script>
    </body>
</html>
```

contact.html

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Mobi Shop | Contact</title>
        <meta charset="UTF-8"/>
        <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
        <meta name="keywords" content="Mobi Shop, smartphones, cell phones, Form, Contact"/>
        <meta name="description" content="If you wish to reach out to us, you can do so via social media, the information listed below, or by filling out the contact form."/>
        <link rel="icon" href="assets/icon/favicon.ico"/>
        <link rel="stylesheet" href="assets/css/style.min.css"/>
        <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.8.2/css/all.css" crossorigin="anonymous"/>
    </head>
    <body>
        <header id="header">
            <div class="container">
                <div id="logo">
                    <a href="index.html">
                        <h1 class="font-xl">MS</h1>
                    </a>
                </div>
                <div id="navAndCart">
                    <div id="nav">
                        <ul>
                        </ul>
                    </div>
                    <div id="cart">
                        <a href="cart.html">
                            <i class="fas fa-shopping-cart font-medium"></i>
                        </a>
                        <label id="cartNumber" class="font-xs"></label>
                    </div>
                    <div id="hamburger">
                        <a href="#">
                            <i class="fas fa-bars font-large"></i>
                        </a>
                    </div>
                    <div id="sideNav">
                        <div class="cover">
                            <div id="sideNavContent">
                                <ul>
                                </ul>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </header>
```

```html
<section id="contactMain" class="bgWhite main">
    <div class="heading">
        <h2 class="font-xl">Contact</h2>
        <span class="underline"></span>
    </div>
    <div class="container">
        <div id="contactText" class="contactCol">
            <p class="font-small">If you wish to reach out to us, you can do so via social media, the information listed below, or by filling out the contact form.</p>
            <ul>
                <li class="font-small">
                    <i class="fas fa-phone"></i>
                    <span>+381 65/518-3225</span>
                </li>
                <li class="font-small">
                    <i class="fas fa-envelope"></i>
                    <span>bojan.maxim075@gmail.com</span>
                </li>
            </ul>
        </div>
        <div id="contactForm" class="contactCol">
            <div class="heading">
                <h2 class="font-large">Contact form</h2>
            </div>
            <form>
                <div class="formGroup">
                    <label for="tbEmail" class="font-small">Email:</label>
                    <input type="email" name="tbEmail" id="tbEmail" class="font-small textField" autocomplete="off"/>
                    <label class="errorMessage font-small">examplename@example.com</label>
                </div>
                <div class="formGroup">
                    <label for="tbName" class="font-small">Name:</label>
                    <input type="text" name="tbName" id="tbName" class="font-small textField" autocomplete="off"/>
                    <label class="errorMessage font-small">
                        <ul>
                            <li>- A name cannot have less than 3 characters</li>
                            <li>- Each word of your name must be capitalized</li>
                        </ul>
                    </label>
                </div>
                <div class="formGroup">
                    <label for="tbMessage" class="font-small">Message:</label>
                    <textarea name="tbMessage" id="tbMessage" cols="30" rows="10" class="font-small textField"></textarea>
                    <label class="errorMessage font-small">Your message (without spacing characters) cannot be shorter than 20 characters.</label>
                </div>
```

```html
                    <span class="textCenter">
                        <button name="btnSend" id="btnSend" class="btnPrimary">
                            <i class="fas fa-paper-plane font-small"></i>
                        </button>
                    </span>
                </form>
            </div>
        </div>
    </section>
    <footer id="footer">
        <div class="container">
            <div id="sitemap">
                <ul>
                </ul>
            </div>
            <div id="social">
                <ul>
                </ul>
            </div>
        </div>
        <span id="copyright" class="font-xs">&copy;2021 Bojan Maksimović</span>
    </footer>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <script type="text/javascript" src="assets/js/main.min.js"></script>
    <script type="text/javascript" src="assets/js/form-validation.min.js"></script>
    <script type="text/javascript" src="assets/js/contact.min.js"></script>
    </body>
</html>
```

author.html

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Mobi Shop | Author</title>
        <meta charset="UTF-8"/>
        <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
        <meta name="keywords" content="Mobi Shop, smartphones, cell phones, Portfolio, Author"/>
        <meta name="description" content="My name is Bojan and I am an aspiring front-end web developer. My approach to website design is to create a website..."/>
        <link rel="icon" href="assets/icon/favicon.ico"/>
        <link rel="stylesheet" href="assets/css/style.min.css"/>
        <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.8.2/css/all.css" crossorigin="anonymous"/>
    </head>
    <body>
        <header id="header">
            <div class="container">
                <div id="logo">
                    <a href="index.html">
                        <h1 class="font-xl">MS</h1>
                    </a>
                </div>
                <div id="navAndCart">
                    <div id="nav">
                        <ul>
                        </ul>
                    </div>
                    <div id="cart">
                        <a href="cart.html">
                            <i class="fas fa-shopping-cart font-medium"></i>
                        </a>
                        <label id="cartNumber" class="font-xs"></label>
                    </div>
                    <div id="hamburger">
                        <a href="#">
                            <i class="fas fa-bars font-large"></i>
                        </a>
                    </div>
                    <div id="sideNav">
                        <div class="cover">
                            <div id="sideNavContent">
                                <ul>
                                </ul>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </header>
```

```html
        <section id="authorMain" class="bgWhite main">
            <div class="heading">
                <h2 class="font-xl">Author</h2>
                <div class="underline"></div>
            </div>
            <div class="container">
                <div id="authorInfo" class="authorCol">
                    <div id="authorImage">
                        <img src="assets/img/author.jpg" alt="Photo of the author">
                    </div>
                    <span class="font-medium bold">Bojan Maksimović 92/19</span>
                    <span class="font-small">Web Developer</span>
                    <span id="authorSocial">
                        <ul>
                        </ul>
                    </span>
                </div>
                <div id="authorText" class="authorCol">
                    <p class="font-small">My name is Bojan and I am an aspiring front-
end web developer. My approach to website design is to create a website that strengthens y
our company's brand while ensuring ease of use and simplicity for your audience.</p>
                    <br/>
                    <p class="font-small">The way I look at it, a front-
end developer's role is to combine design and business logic to achieve a user-
facing product. To do this successfully, a wide skill set is necessary to produce a qualit
y user experience that leads to meeting business goals, and I guarantee I've got exactly w
hat's needed.</p>
                    <div class="portfolioLink">
                        <a href="https://bokule.github.io/portfolio/" target="_blank" clas
s="font-small uppercase btnPrimary">Portfolio</a>
                    </div>
                </div>
            </div>
        </section>
        <footer id="footer">
            <div class="container">
                <div id="sitemap">
                    <ul>
                    </ul>
                </div>
                <div id="social">
                    <ul>
                    </ul>
                </div>
            </div>
            <span id="copyright" class="font-xs">&copy;2021 Bojan Maksimović</span>
        </footer>
        <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></s
cript>
        <script type="text/javascript" src="assets/js/main.min.js"></script>
        <script type="text/javascript" src="assets/js/author.min.js"></script>
    </body>
```

```
</html>
```

cart.html

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Mobi Shop | Cart</title>
        <meta charset="UTF-8"/>
        <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
        <meta name="keywords" content="Mobi Shop, smartphones, cell phones, Checkout, Cart"/>
        <meta name="description" content="Mobi Shop gives you a chance to quickly and easily find the phone you want and have it delivered to your home in no time..."/>
        <link rel="icon" href="assets/icon/favicon.ico"/>
        <link rel="stylesheet" href="assets/css/style.min.css"/>
        <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.8.2/css/all.css" crossorigin="anonymous"/>
    </head>
    <body>
        <header id="header">
            <div class="container">
                <div id="logo">
                    <a href="index.html">
                        <h1 class="font-xl">MS</h1>
                    </a>
                </div>
                <div id="navAndCart">
                    <div id="nav">
                        <ul>
                        </ul>
                    </div>
                    <div id="cart">
                        <a href="cart.html">
                            <i class="fas fa-shopping-cart font-medium"></i>
                        </a>
                        <label id="cartNumber" class="font-xs"></label>
                    </div>
                    <div id="hamburger">
                        <a href="#">
                            <i class="fas fa-bars font-large"></i>
                        </a>
                    </div>
                    <div id="sideNav">
                        <div class="cover">
                            <div id="sideNavContent">
                                <ul>
                                </ul>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </header>
```

```html
<section id="cartMain" class="bgWhite main">
    <div class="container">
        <div id="cartList">
            <table class="font-small" cellspacing="0">
                <thead>
                    <tr>
                        <td class="colDeviceName">Device name</td>
                        <td class="colPrice">Price</td>
                        <td class="colQuantity">Quantity</td>
                        <td class="colRemove"><i class="fas fa-trash"></i></td>
                    </tr>
                </thead>
                <tbody>
                </tbody>
            </table>
        </div>
        <div id="checkout">
            <form>
                <div class="formGroup">
                    <label for="tbName" class="font-small">Full name:</label>
                    <input type="text" name="tbName" id="tbName" class="textField font-small" autocomplete="off"/>
                    <label class="errorMessage">
                        <ul class="font-small">
                            <li>- A name cannot have less than 3 characters</li>
                            <li>- Has to be at least 2 words</li>
                            <li>- Each word must be capitalized</li>
                        </ul>
                    </label>
                </div>
                <div class="formGroup">
                    <label for="tbEmail" class="font-small">Email:</label>
                    <input type="email" name="tbEmail" id="tbEmail" class="textField font-small" autocomplete="off"/>
                    <label class="errorMessage font-small">examplename@example.com</label>
                </div>
                <div class="formGroup">
                    <label for="tbAddress" class="font-small">Address:</label>
                    <input type="text" name="tbAddress" id="tbAddress" class="textField font-small" autocomplete="off"/>
                    <label class="errorMessage font-small">[Street Name] [Home Number]/[Apartment Number]</label>
                </div>
            </form>
            <br/>
            <span id="totalPrice" class="font-small">Total Price: <span class="bold"></span></span>
            <br/>
            <button id="btnCheckout" class="font-small btnPrimary">Checkout</button>
        </div>
```

```html
                </div>
            </section>
            <footer id="footer">
                <div class="container">
                    <div id="sitemap">
                        <ul>
                        </ul>
                    </div>
                    <div id="social">
                        <ul>
                        </ul>
                    </div>
                </div>
                <span id="copyright" class="font-xs">&copy;2021 Bojan Maksimović</span>
            </footer>
            <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
            <script type="text/javascript" src="assets/js/main.min.js"></script>
            <script type="text/javascript" src="assets/js/form-validation.min.js"></script>
            <script type="text/javascript" src="assets/js/cart.min.js"></script>
        </body>
</html>
```

3.2 CSS

style.css

```css
@font-face {
  src: url("../fonts/Roboto-Regular.ttf");
  font-family: "Roboto";
}

@font-face {
  src: url("../fonts/PermanentMarker-Regular.ttf");
  font-family: "PermanentMarker";
}

* {
  margin: 0;
  padding: 0;
  -webkit-box-sizing: border-box;
          box-sizing: border-box;
  font-family: "Roboto";
  color: #141414;
}

html {
  scroll-behavior: smooth;
}

body {
  background-color: #141414;
}

a {
  color: #141414;
  text-decoration: none;
}

ul {
  list-style: none;
}

.heading {
  text-align: center;
  margin-bottom: 50px;
}

.heading .underline {
  width: 40px;
  border-bottom: 3px solid #ffd247;
  display: block;
  margin: 5px auto;
}
```

```css
.textCenter {
  display: block;
  text-align: center;
}

.container {
  width: 80%;
  margin: 0 auto;
}

.main {
  min-height: 840px;
}

.cover {
  width: 100%;
  height: 100%;
  background-color: rgba(0, 0, 0, 0.7);
}

.bgWhite {
  background-color: #fff;
}

.uppercase {
  text-transform: uppercase;
}

.bold {
  font-weight: bold;
}

.font-xs {
  font-size: 12px;
}

.font-small {
  font-size: 16px;
}

.font-medium {
  font-size: 19px;
}

.font-large {
  font-size: 30px;
}

.font-xl {
  font-size: 40px;
}
```

```css
.font-xxl {
  font-size: 60px;
}

#header {
  background-color: #141414;
  padding: 5px 0;
  position: fixed;
  top: 0;
  width: 100%;
  z-index: 1;
  -webkit-transition: .2s background-color;
  transition: .2s background-color;
}

#header .container {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: justify;
      -ms-flex-pack: justify;
          justify-content: space-between;
  -webkit-box-align: center;
      -ms-flex-align: center;
          align-items: center;
}

#logo a h1 {
  font-family: "PermanentMarker";
  color: #ffd247;
}

#navAndCart {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-align: center;
      -ms-flex-align: center;
          align-items: center;
}

#nav ul {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
}

#nav ul li a {
  color: #fff;
  padding: 10px;
  -webkit-transition: .1s;
  transition: .1s;
```

```css
}

#nav ul li a:hover {
  color: #ffd247;
}

.active {
  color: #ffd247 !important;
}

#cart {
  position: relative;
}

#cart a {
  padding: 10px;
}

#cart a i {
  color: #fff;
}

#cartNumber {
  position: absolute;
  bottom: 0;
  right: 0;
  width: 16px;
  height: 16px;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: center;
      -ms-flex-pack: center;
          justify-content: center;
  -webkit-box-align: center;
      -ms-flex-align: center;
          align-items: center;
  background-color: #ffd247;
  border-radius: 50%;
  pointer-events: none;
}

#hamburger {
  display: none;
}

#hamburger a i {
  color: #fff;
  padding: 10px;
}

.bgTransparent {
```

```css
    background-color: rgba(0, 0, 0, 0) !important;
}

#sideNav {
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
}

#sideNavContent {
  width: 260px;
  background-color: #ffd247;
  height: 100%;
}

#sideNavContent ul li a {
  display: block;
  padding: 10px;
  -webkit-transition: .1s;
  transition: .1s;
}

#sideNavContent ul li a:hover {
  background-color: #cfaa38;
}

#sideNavContent ul li .active {
  color: #141414 !important;
  background-color: #cfaa38;
}

#slider {
  height: 100vh;
  position: relative;
  z-index: 0;
}

#slider .cover {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: center;
      -ms-flex-pack: center;
          justify-content: center;
  -webkit-box-align: center;
      -ms-flex-align: center;
          align-items: center;
}

.slide {
```

```css
  position: absolute;
  top: 0;
  left: 0;
  height: 100%;
  width: 100%;
  background-size: cover;
  background-position: center;
  background-repeat: no-repeat;
  z-index: -2;
}

#sliderText {
  width: 100%;
}

#sliderText h2, #sliderText p {
  color: #fff;
}

#sliderText h2 {
  margin-bottom: 20px;
}

#sliderText p {
  max-width: 800px;
  margin-bottom: 40px;
}

#sliderText a {
  padding: 12px;
  border-radius: 30px;
  background-color: #fff;
  -webkit-transition: .1s;
  transition: .1s;
}

#sliderText a:hover {
  background-color: #ffd247;
  color: #fff;
}

#aboutUs {
  padding: 30px 0;
}

#aboutUs .container {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: justify;
      -ms-flex-pack: justify;
          justify-content: space-between;
```

```css
    -webkit-box-align: center;
        -ms-flex-align: center;
            align-items: center;
}

#aboutUsImage {
  width: 300px;
}

#aboutUsImage img {
  width: 100%;
  display: block;
}

#aboutUsText {
  text-align: right;
  max-width: 50%;
}

#aboutUsText h3 {
  color: #919191;
}

#aboutUsText h4 {
  margin-bottom: 10px;
}

#devicesMain {
  padding: 130px 0;
}

#devicesMain .container {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: justify;
      -ms-flex-pack: justify;
          justify-content: space-between;
}

#filters {
  width: 20%;
  padding: 15px;
  background-color: #e6e6e6;
  border-radius: 5px;
  height: 0%;
}

#filters form {
  width: 100%;
  display: -webkit-box;
  display: -ms-flexbox;
```

```css
  display: flex;
  -webkit-box-orient: vertical;
  -webkit-box-direction: normal;
      -ms-flex-direction: column;
          flex-direction: column;
}

.checkboxGroup {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-align: center;
      -ms-flex-align: center;
          align-items: center;
}

.checkboxGroup input {
  margin-right: 3px;
}

#devicesContainer {
  width: 75%;
}

#devicesContainer p {
  text-align: center;
}

.device {
  width: 27%;
  text-align: center;
  border-radius: 5px;
  overflow: hidden;
  margin-bottom: 20px;
  margin-left: auto;
  margin-right: auto;
  -webkit-transition: .3s transform;
  transition: .3s transform;
}

.device .deviceName {
  margin-bottom: 4px;
  word-wrap: break-word;
  font-weight: bold;
}

.device .devicePrice {
  margin-bottom: 15px;
}

.device .btnAddToCart {
  opacity: 0%;
```

```css
  -webkit-transition: .3s opacity, .1s background-color !important;
  transition: .3s opacity, .1s background-color !important;
}

.deviceImage img {
  width: 100%;
  display: block;
}

.deviceText {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-orient: vertical;
  -webkit-box-direction: normal;
      -ms-flex-direction: column;
          flex-direction: column;
  padding: 7px;
}

.addToCartModal {
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  z-index: 3;
  display: none;
  pointer-events: none;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: center;
      -ms-flex-pack: center;
          justify-content: center;
  -webkit-box-align: start;
      -ms-flex-align: start;
          align-items: flex-start;
}

.addToCartModalContent {
  margin-top: 100px;
  padding: 20px;
  border-radius: 5px;
  background-color: #e6e6e6;
  border: 1px solid #919191;
  max-width: 80%;
  text-align: center;
}

.cannotAdd {
  background-color: red;
```

```css
  border-color: red;
}

.cannotAdd p {
  color: #fff;
}

.page {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: justify;
      -ms-flex-pack: justify;
          justify-content: space-between;
  -ms-flex-wrap: wrap;
      flex-wrap: wrap;
}

#paging {
  width: 100%;
  margin-top: 20px;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: center;
      -ms-flex-pack: center;
          justify-content: center;
}

#paging ul {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -ms-flex-wrap: wrap;
      flex-wrap: wrap;
  -webkit-box-pack: center;
      -ms-flex-pack: center;
          justify-content: center;
}

#paging ul li a {
  display: block;
}

.btnPage {
  border-radius: 0px !important;
}

.activePage {
  background-color: #cfaa38 !important;
}
```

```css
.prevPage {
  border-radius: 3px 0px 0px 3px !important;
}

.nextPage {
  border-radius: 0px 3px 3px 0px !important;
}

.disabled {
  opacity: 75%;
  pointer-events: none !important;
}

#contactMain {
  padding: 130px 0;
}

#contactMain .container {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: justify;
      -ms-flex-pack: justify;
          justify-content: space-between;
}

.contactCol {
  width: 45%;
}

#contactText p {
  margin-bottom: 5px;
}

#contactForm .heading {
  margin-bottom: 30px;
}

#contactForm .heading h2 {
  font-family: 'Roboto';
}

#contactForm form {
  width: 70%;
  margin: 0 auto;
}

.formGroup {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-orient: vertical;
```

```css
  -webkit-box-direction: normal;
      -ms-flex-direction: column;
          flex-direction: column;
  margin-bottom: 10px;
}

.textField {
  padding: 3px;
  border: 1px solid rgba(0, 0, 0, 0.7);
  border-radius: 3px;
}

input, textarea, button, select {
  outline: none;
}

textarea {
  resize: none;
}

.btnPrimary {
  padding: 7px 13px;
  background: none;
  background-color: #ffd247;
  border-radius: 3px;
  border: none;
  border-width: 0px;
  cursor: pointer;
  -webkit-transition: .1s !important;
  transition: .1s !important;
}

.btnPrimary:hover {
  background-color: #cfaa38;
}

.borderYellow {
  border-color: #ffd247;
}

.borderRed {
  border-color: red;
}

.errorMessage {
  color: red;
  display: none;
}

.errorMessage li {
  color: red;
}
```

```css
.successModal {
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  z-index: 2;
}

.successModal .cover {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-align: center;
      -ms-flex-align: center;
          align-items: center;
  -webkit-box-pack: center;
      -ms-flex-pack: center;
          justify-content: center;
}

.modalContent {
  padding: 25px;
  border-radius: 10px;
  background-color: #fff;
  position: relative;
  max-width: 50%;
  text-align: center;
}

.modalContent p {
  word-wrap: break-word;
}

.modalContent button {
  position: absolute;
  top: 3px;
  right: 8px;
  background: none;
  border: none;
  cursor: pointer;
}

#authorMain {
  padding: 130px 0;
}

#authorMain .container {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
```

```css
      -webkit-box-align: center;
         -ms-flex-align: center;
             align-items: center;
  -webkit-box-pack: space-evenly;
      -ms-flex-pack: space-evenly;
          justify-content: space-evenly;
}

.authorCol {
  width: 45%;
}

#authorInfo {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: center;
      -ms-flex-pack: center;
          justify-content: center;
  -webkit-box-align: center;
      -ms-flex-align: center;
          align-items: center;
  -webkit-box-orient: vertical;
  -webkit-box-direction: normal;
      -ms-flex-direction: column;
          flex-direction: column;
}

#authorInfo span {
  margin-bottom: 5px;
}

#authorImage {
  width: 300px;
  border-radius: 50%;
  overflow: hidden;
  margin-bottom: 10px;
}

#authorImage img {
  width: 100%;
  display: block;
}

#authorSocial ul {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
}

#authorSocial ul li {
  margin-left: 3px;
```

```css
    margin-right: 3px;
}

.portfolioLink {
  margin-top: 20px;
  text-align: right;
}

#cartMain {
  padding: 130px 0;
}

#cartMain .container {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: justify;
      -ms-flex-pack: justify;
          justify-content: space-between;
}

#cartList {
  width: 70%;
  overflow: auto;
}

#cartList table {
  width: 100%;
  border-radius: 5px 5px 0 0;
  overflow: hidden;
}

#cartList table tr {
  text-align: center;
}

#cartList table tr td {
  padding: 10px 0;
}

#cartList table thead tr {
  background-color: #ffd247;
}

#cartList table tbody tr:nth-child(even) {
  background-color: #e6e6e6;
}

.colDeviceName {
  width: 60%;
  min-width: 300px;
}
```

```css
.colPrice, .colQuantity {
  width: 15%;
}

.colPrice {
  min-width: 70px;
}

.colQuantity {
  min-width: 90px;
}

.colRemove {
  width: 10%;
  min-width: 60px;
}

.btnQuantity {
  padding: 0;
  margin: 0 5px;
  display: inline-block;
  width: 17px;
  height: 17px;
}

.btnRemove {
  background: none;
  border: none;
  padding: 5px;
  cursor: pointer;
}

.btnRemove i {
  color: red;
}

#checkout {
  width: 25%;
  border: 1px solid #919191;
  border-radius: 5px;
  padding: 10px;
  height: 0%;
}

#btnCheckout {
  display: block;
  width: 100%;
  margin-top: 10px;
}

#footer {
```

```css
  background-color: #141414;
  padding: 20px 0;
}

#footer .container {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -ms-flex-pack: distribute;
      justify-content: space-around;
}

#footer a {
  color: #fff;
  -webkit-transition: .1s color;
  transition: .1s color;
}

#footer a i, #footer a span {
  color: #fff;
  -webkit-transition: .1s;
  transition: .1s;
}

#footer a:hover {
  color: #ffd247;
}

#footer a:hover i, #footer a:hover span {
  color: #ffd247;
}

#footer ul {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-orient: vertical;
  -webkit-box-direction: normal;
      -ms-flex-direction: column;
          flex-direction: column;
}

.socialText {
  margin-left: 4px;
}

#copyright {
  text-align: center;
  color: #fff;
  display: block;
  margin-top: 15px;
}
```

```css
#toTop {
  width: 50px;
  height: 50px;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: center;
      -ms-flex-pack: center;
          justify-content: center;
  -webkit-box-align: center;
      -ms-flex-align: center;
          align-items: center;
  background-color: #ffd247;
  position: fixed;
  right: 50px;
  bottom: 50px;
  border-radius: 50%;
}

.arrow {
  width: 13px;
  height: 13px;
  border-top: 2px solid #141414;
  border-right: 2px solid #141414;
  -webkit-transform: rotate(-45deg);
          transform: rotate(-45deg);
  margin-top: 6px;
}

@media screen and (min-width: 1201px) {
  .device:hover {
    -webkit-transform: translateY(-20px);
            transform: translateY(-20px);
    -webkit-box-shadow: 0px 0px 10px 5px #e6e6e6;
            box-shadow: 0px 0px 10px 5px #e6e6e6;
  }
  .device:hover .btnAddToCart {
    opacity: 100%;
  }
}

@media screen and (max-width: 1200px) {
  #filters {
    width: 25%;
  }
  #devicesContainer {
    width: 70%;
  }
  .device {
    width: 45%;
  }
}
```

```css
  .device .btnAddToCart {
    opacity: 100%;
  }
  #contactForm form {
    width: 100%;
  }
}

@media screen and (max-width: 992px) {
  #aboutUs .container {
    -webkit-box-orient: vertical;
    -webkit-box-direction: normal;
        -ms-flex-direction: column;
            flex-direction: column;
  }
  #aboutUsImage {
    margin-bottom: 30px;
  }
  #aboutUsText {
    text-align: center;
    max-width: 70%;
  }
  #devicesMain .container {
    -webkit-box-orient: vertical;
    -webkit-box-direction: normal;
        -ms-flex-direction: column;
            flex-direction: column;
  }
  #filters {
    margin-bottom: 40px;
    width: 100%;
    -webkit-box-orient: horizontal;
    -webkit-box-direction: normal;
        -ms-flex-direction: row;
            flex-direction: row;
  }
  #devicesContainer {
    width: 100%;
  }
  #contactMain {
    padding: 95px 0;
  }
  #contactMain .container {
    -webkit-box-orient: vertical;
    -webkit-box-direction: normal;
        -ms-flex-direction: column;
            flex-direction: column;
    -webkit-box-align: center;
        -ms-flex-align: center;
            align-items: center;
  }
  .contactCol {
```

```css
    width: 60%;
  }
  #contactText {
    margin-bottom: 40px;
  }
  .modalContent {
    max-width: 80%;
  }
  #authorMain .container {
    -webkit-box-orient: vertical;
    -webkit-box-direction: normal;
        -ms-flex-direction: column;
            flex-direction: column;
  }
  #authorText {
    margin-top: 20px;
    text-align: center;
  }
  .authorCol {
    width: 70%;
  }
  .portfolioLink {
    text-align: center;
  }
  #cartMain {
    padding: 90px 0;
  }
  #cartMain .container {
    -webkit-box-orient: vertical;
    -webkit-box-direction: normal;
        -ms-flex-direction: column;
            flex-direction: column;
  }
  #cartList {
    width: 100%;
    -webkit-box-ordinal-group: 3;
        -ms-flex-order: 2;
            order: 2;
  }
  #checkout {
    width: 100%;
    -webkit-box-ordinal-group: 2;
        -ms-flex-order: 1;
            order: 1;
    margin-bottom: 20px;
  }
}

@media screen and (max-width: 768px) {
  .font-xs {
    font-size: 10px;
  }
}
```

```css
  .font-small {
    font-size: 14px;
  }
  .font-medium {
    font-size: 17px;
  }
  .font-large {
    font-size: 25px;
  }
  .font-xl {
    font-size: 30px;
  }
  .font-xxl {
    font-size: 40px;
  }
  .container {
    width: 90%;
  }
  #logo {
    width: 100px;
  }
  #nav {
    display: none;
  }
  #hamburger {
    display: block;
  }
  #sliderText {
    text-align: center;
  }
  #devicesMain {
    padding: 90px 0px;
  }
  .contactCol {
    width: 70%;
  }
  #authorMain {
    padding: 90px 0;
  }
  #cartMain {
    padding: 90px 0;
  }
}

@media screen and (max-width: 576px) {
  #aboutUsImage {
    width: 70%;
  }
  #aboutUsText {
    max-width: 100%;
  }
  .device {
```

```css
    width: 80%;
  }
  .contactCol {
    width: 90%;
  }
  #authorImage {
    width: 80%;
  }
  .authorCol {
    width: 90%;
  }
  #footer .container {
    -webkit-box-orient: vertical;
    -webkit-box-direction: normal;
        -ms-flex-direction: column;
            flex-direction: column;
    -webkit-box-align: center;
        -ms-flex-align: center;
            align-items: center;
    -webkit-box-pack: center;
        -ms-flex-pack: center;
            justify-content: center;
  }
  #footer ul {
    -webkit-box-orient: horizontal;
    -webkit-box-direction: normal;
        -ms-flex-direction: row;
            flex-direction: row;
    margin-bottom: 10px;
  }
  #footer ul li a {
    padding: 5px;
  }
  .socialText {
    display: none;
  }
  #toTop {
    right: 25px;
    bottom: 25px;
  }
}
/*# sourceMappingURL=style.css.map */
```

3.3 JavaScript/jQuery

main.js

```javascript
// ERROR HANDLING
window.onerror = function(msg, url, line) {
    console.log(`Error: ${msg}`);
    console.log(`URL: ${url}`);
    console.log(`On line: ${line}`);
}

$(document).ready(function() {
    // NAV LINKS
    loadJson('pageLinks', function(output) {
        printPageLinks(output);
    });

    function printPageLinks(data) {
        for(let i in data) {
            $('#nav ul, #sideNavContent ul, #sitemap ul').append(`<li><a href="${data[i].href}" class="font-small">${data[i].name}</a></li>`);
        }
        addActiveClass();
    }

    // ACTIVE CLASS
    function addActiveClass() {
        var currentPage = location.pathname;
        var pageRegExp = /[(\.html)|(\.php)]$/;
        if(!currentPage.match(pageRegExp)) currentPage = '/index.html';
        currentPage = currentPage.substring(currentPage.lastIndexOf('/') + 1, currentPage.length);
        $('#nav ul li a, #sideNavContent ul li a').each(function() {
            $this = $(this);
            if($this.attr('href').indexOf(currentPage) != -1){
                $this.addClass('active');
                $this.click(function(e) {
                    e.preventDefault();
                });
            }
        });
    }

    // CART NUMBER
    printCartNumber();

    // SIDENAV
    $('#sideNav, #sideNavContent').hide();
    $('#hamburger a').click(function(e) {
        $('#sideNav').fadeIn('fast', function() {
            $('#sideNavContent').animate({'width' : 'show'},
            200);
```

```javascript
        });
        e.preventDefault();
    });
    $('#sideNav .cover').click(function() {
        $('#sideNavContent').animate({'width' : 'hide'},
        200,
        function() {
            $('#sideNav').fadeOut('fast');
        });
    });
    $('#sideNavContent').click(function(e) {
        e.stopPropagation();
    });


    // SOCIAL
    loadJson('socialLinks', function(output) {
        printSocialLinks(output);
    });

    function printSocialLinks(data) {
        for(let i in data) {
            $('#social ul').append(`<li><a href="${data[i].href}" class="font-
small" target="_blank"><i class="${data[i].icon}"></i><span class="socialText">${data[i].n
ame}</span></a></li>`);
        }
    }

    // SCROLL TO TOP
    $('body').append('<a href="#" id="toTop"><span class="arrow"></span></div>');
    $('#toTop').click(function(e) {
        $(document).scrollTop(0);
        e.preventDefault();
    }).hide();
    $(document).scroll(function() {
        if($(this).scrollTop() >= 200) $('#toTop').fadeIn('fast');
        else $('#toTop').fadeOut('fast');
    });

    // FORM SUBMIT ON ENTER
    $('.textField').keydown(function(e) {
        if(e.keyCode == 13) {
            e.preventDefault();
        }
    });
});

// AJAX
function loadJson(fileName, func) {
    $.ajax({
        url: `assets/json/${fileName}.json`,
        method: "get",
        dataType: "json",
```

```javascript
            success: func,
            error: function(errorMsg) {
                console.error(errorMsg);
            }
        });
}


// LOCAL STORAGE
function loadLocalStorage(data) {
    let cookie = [];
    if(localStorage.getItem(data) != null) {
        cookie = JSON.parse(localStorage.getItem(data));
    }
    return cookie;
}

function updateLocalStorage(data, cookie) {
    localStorage.setItem(cookie, JSON.stringify(data));
}

// CART NUMBER
function printCartNumber() {
    let cartDevices = loadLocalStorage('cart');
    var numberOfDevices = 0;
    for(let i in cartDevices) {
        numberOfDevices += cartDevices[i].quantity;
    }
    $('#cartNumber').html(numberOfDevices);
}
```

home.js

```javascript
$(document).ready(function() {
    // TRANSPARENT HEADER
    if($(document).scrollTop() < $('#header').outerHeight()) $('#header').addClass('bgTransparent');

    $(document).scroll(function() {
        if($(document).scrollTop() > $('#header').outerHeight()) $('#header').removeClass('bgTransparent');
        else $('#header').addClass('bgTransparent');
    });

    // SLIDESHOW
    var sliderImages;

    loadJson('sliderImages', function(output) {
        sliderImages = output;
        printSliderImages(output);
    });

    function printSliderImages(data) {
        for(let i in data) {
            $('#slider').append($(`<div id="slide${i}" class="slide"></div>`).css('background-image', `url('assets/img/${data[i].image}.jpg')`));
        }
        $('.slide:not(:first)').hide();
        setInterval(changeSlide, sliderInterval);
    }

    var currentSlide = 0;
    var previousSlide;
    var sliderInterval = 5000;
    function changeSlide() {
        previousSlide = currentSlide;
        currentSlide++;
        if(currentSlide >= sliderImages.length) currentSlide = 0;
        $('.slide').eq(currentSlide).css('z-index', '-1').fadeIn(function() {
            $('.slide').eq(previousSlide).hide();
        });
        $('.slide').eq(previousSlide).css('z-index', '-2');
    }
});
```

form-validation.js

```javascript
var noErrors;

function checkRegExp(field, regExp) {
    try {
        if(field.val().match(regExp)) fieldCorrect(field);
        else fieldIncorrect(field);
    } catch(ex) {
        console.error(ex.description);
    }
}

function fieldCorrect(field) {
    $(field).addClass('borderYellow');
    $(field).removeClass('borderRed');
    $(field).siblings('.errorMessage').slideUp();
}

function fieldIncorrect(field) {
    $(field).addClass('borderRed');
    $(field).removeClass('borderYellow');
    $(field).siblings('.errorMessage').slideDown();
    noErrors = false;
}

function submitForm(checkFunctions, form, message = false) {
    noErrors = true;
    for(var f of checkFunctions) {
        f();
    }
    if(noErrors) {
        clearForm(form);
        if(message) openModal(message);
    }
}

function clearForm(form) {
    $(form).find('.textField').val('').removeClass('borderYellow');
}

function openModal(message) {
    $('body').append(`<div class="successModal"><div class="cover"><div class="modalConten
t"><p class="font-small">${message}</p><button class="font-
medium btnCloseModal"><i class="fas fa-times"></i></button></div></div></div>`);
    $('.successModal, .modalContent').hide();
    $('.successModal .cover, .btnCloseModal').click(closeModal);
    $('.modalContent').click(function(e) {
        e.stopPropagation();
    });
    $('.successModal').fadeIn('fast', function() {
        $('.modalContent').fadeIn('fast');
```

```
    });
}

function closeModal() {
    $('.modalContent').fadeOut('fast', function() {
        $('.successModal').fadeOut('fast', function() {
            $('.successModal').remove();
        });
    });
}
```

devices.js

```javascript
$(document).ready(function() {
    // CBECKBOX GROUPS
    loadJson('operatingSystems', function(output) {
        fillChbGroup('OS', output, 'chbOS');
    });

    var brands

    loadJson('brands', function(output) {
        brands = output;
        fillChbGroup('Brand', output, 'chbBrand');
    });

    function fillChbGroup(label, values, chbClass) {
        var $chbGroup = $(`<div class="formGroup"><label class="font-
small">${label}:</label><div>`);
        for(let val of values) {
            $chbGroup.append(`<div class="checkboxGroup"><input type="checkbox" name="chb$
{val.name}" id="chb${val.name}" value="${val.id}" class="chb${label}"/><label for="chb${va
l.name}" class="font-small">${val.name}</label></div>`);
        }
        $('#chbGroups').append($chbGroup);
        $(`.${chbClass}`).change(function() {
            printDevices(devices);
        });
    }

    // PRICE RANGE
    function printPriceRangeValue() {
        $('#priceRange').html(`< ${$('#rnPrice').val()}€`);
    }

    printPriceRangeValue();

    $('#rnPrice').on('input', printPriceRangeValue);

    // DEVICES
    var devices;

    loadJson('devices', function(output) {
        devices = output;
        printDevices(output);
    });

    function printDevices(data) {
        // FILTERING
        data = searchFilter(data);
        data = sortOrderFilter(data);
        data = checkboxFiltering(data, $('.chbOS'), 'os');
        data = checkboxFiltering(data, $('.chbBrand'), 'brand');
```

```javascript
        data = priceRangeFilter(data);

        // PRINTING
        let html = '';
        if(data.length == 0) {
            html = '<p class="font-
large">Oops. Seems like there are no items that match your search criteria.</p>';
        } else {
            let devicesPerPage = 6;
            let currentDevice = 0;
            let pageNumber = 1;
            for(let i in data) {
                currentDevice++;
                if(currentDevice > devicesPerPage) currentDevice = 1;
                // PAGE BEGINNING
                if(currentDevice == 1) {
                    html += `<div id='page${pageNumber}' class='page'>`;
                }
                // DEVICES
                html+= `<div class="device"><div class="deviceImage"><img src="assets/img/
${data[i].image}" alt="${data[i].name}"/></div><div class="deviceText"><label class="font-
medium deviceName">${data[i].name}</label><label class="font-
medium devicePrice">${data[i].price}€</label><div class="textCenter"><button class="font-
small btnPrimary btnAddToCart" data-id="${data[i].id}"><i class="fas fa-shopping-
cart font-medium"></i>+</button></div></div></div>`;
                // PAGE END
                if(currentDevice == devicesPerPage || i == data.length - 1) {
                    html += "</div>";
                    pageNumber++;
                }
            }
            // PAGE NAVIGATION
            html += "<div id='paging'><ul class='font-
small'><li><a href='#' class='btnPrimary prevPage'><</a></li>";
            for(let i = 1; i < pageNumber; i++) {
                html += `<li><a class='btnPrimary btnPage' data-
page='${i}'>${i}</a></li>`;
            }
            html += "<li><a href='#' class='btnPrimary nextPage'>></a></li></ul></div>";
        }
        $('#devicesContainer').html(html);
        // ADD TO CART EVENT
        $('.btnAddToCart').click(function() {
            addToCart(this);
        });
        enablePaging();
    }

    // SEARCH
    function searchFilter(data) {
        try {
            data = data.filter(function(el) {
```

```javascript
                    if(el.name.toUpperCase().indexOf($('#tbSearch').val().trim().toUpperCase()
) != -1) return el;
                });
                return data;
            } catch(ex) {
                console.error(ex.description);
            }
        }


        // SORT ORDER
        function sortOrderFilter(data) {
            let $ddlSortOrder = $('#ddlOrder');
            if($ddlSortOrder.prop('selectedIndex') != '0') {
                if($ddlSortOrder.val() == 'nameAZ') {
                    data = sortFunction(data, 'name', false);
                } else if($ddlSortOrder.val() == 'nameZA') {
                    data = sortFunction(data, 'name', true);
                } else if($ddlSortOrder.val() == 'priceASC') {
                    data = sortFunction(data, 'price', false);
                } else {
                    data = sortFunction(data, 'price', true);
                }
            }
            return data;
        }


        function sortFunction(arr, attr, desc) {
            var x = 1;
            var y = -1;
            if(desc) {
                x = -1;
                y = 1;
            }
            arr.sort(function(a, b) {
                if(a[attr] > b[attr]) return x;
                else if(a[attr] < b[attr]) return y;
                else return 0;
            });

            return arr;
        }

        // OS AND BRAND
        function checkboxFiltering(data, $chbGroup, attr) {
            var filteredValues = [];
            for(let el of $chbGroup) {
                if(el.checked) filteredValues.push(el.value);
            }
            if(filteredValues.length > 0) {
                data = data.filter(function(el) {
                    for(let val of filteredValues) {
                        if(val == el[attr]) return el;
```

```javascript
            }
        });
    }
    return data;
}

// PRICE RANGE
function priceRangeFilter(data) {
    var maxPrice = $('#rnPrice').val();
    data = data.filter(function(el) {
        if(el.price <= maxPrice) return el;
    });
    return data;
}

// FILTERING

$('#tbSearch').keyup(function() {
    printDevices(devices);
});
$('#ddlOrder, #rnPrice').change(function() {
    printDevices(devices);
});

// ADDING TO CART

function addToCart(btn) {
    let cartDevices = loadLocalStorage('cart');
    var deviceId = parseInt($(btn).data('id'));
    var isInCart = false;
    var index;
    for(let i in cartDevices) {
        if(deviceId == cartDevices[i].id) {
            index = i;
            isInCart = true;
            break;
        }
    }
    if(isInCart) {
        if(cartDevices[index].quantity < 10) {
            cartDevices[index].quantity++;
            updateLocalStorage(cartDevices, 'cart');
            successfullyAddedModal();
        }
        else cannotAddModal();
    } else {
        for(let i in devices) {
            if(devices[i].id == deviceId) {
                index = i;
                break;
            }
        }
```

```javascript
            cartDevices.push({
                "id": devices[index].id,
                "name": devices[index].name,
                "price": devices[index].price,
                "quantity": 1
            });
            updateLocalStorage(cartDevices, 'cart');
            successfullyAddedModal();
        }
        printCartNumber();
    }

    function addToCartModal(modal) {
        $('body').append(modal);
        modal.hide();
        modal.fadeIn('fast');
        setTimeout(function() {
            modal.fadeOut('fast', function() {
                modal.remove();
            });
        }, 2000);
    }

    function successfullyAddedModal() {
        var modal = $('<div class="addToCartModal"><div class="addToCartModalContent"><p c
lass="font-small">Item has been succesfully added to your cart.</p></div></div>');
        addToCartModal(modal);
    }

    function cannotAddModal() {
        var modal = $("<div class='addToCartModal'><div class='addToCartModalContent canno
tAdd'><p class='font-
small'>You can't have more than 10 of the same device in your cart.</p></div></div>");
        addToCartModal(modal);
    }

    // PAGING
    var currentPage;
    enablePaging();

    function enablePaging() {
        currentPage = 1;
        $('.page:not(:first)').hide();
        $('.btnPage:first').addClass('activePage');
        $('.prevPage').addClass('disabled');
        if($('.page').length == 1) $('.nextPage').addClass('disabled');
        $('#paging a').click(function(e) {
            e.preventDefault();
            if(!$(this).hasClass('disabled')) {
                if($(this).hasClass('prevPage') || $(this).hasClass('nextPage')) {
                    if($(this).hasClass('prevPage')) {
                        if(currentPage > 1) currentPage--;
```

```javascript
                }
                else if(currentPage < $('.page').length) currentPage++;
                $('.page').hide();
                $(`#page${currentPage}`).show();
                $('.btnPage').removeClass('activePage').eq(currentPage - 1).addClass('
activePage');
            } else {
                let page = $(this).data('page');
                $('.page').hide();
                $(`#page${page}`).show();
                $('.btnPage').removeClass('activePage');
                $(this).addClass('activePage');
                currentPage = page;
            }
            if(currentPage == 1) $('.prevPage').addClass('disabled');
            else $('.prevPage').removeClass('disabled');
            if(currentPage == $('.page').length) $('.nextPage').addClass('disabled');
            else $('.nextPage').removeClass('disabled');
        }
    });
  }
});
```

contact.js

```javascript
$(document).ready(function() {
    // FORM VALIDATION
    // NAME
    var regExpName = /^[A-ZŠĐČĆŽ][a-zšđčćž]{2,}(\s[A-ZŠĐČĆŽ][a-zšđčćž]{2,})*$/;
    var $tbName = $('#tbName');
    $tbName.blur(checkName);
    function checkName() {
        checkRegExp($tbName, regExpName);
    }

    // EMAIl
    var regExpEmail = /^[a-z][a-z0-9-_\.]{2,}@([a-z0-9-_]{2,}\.)+[a-z]{2,}$/;
    var $tbEmail = $('#tbEmail');
    $tbEmail.blur(checkEmail);
    function checkEmail() {
        checkRegExp($tbEmail, regExpEmail);
    }

    // MESSAGE
    var $tbMessage = $('#tbMessage');
    function checkMessage() {
        var numberOfSpaces = tbMessage.value.replace(/[^\s]/mg, "").length;
        if(tbMessage.value.length - numberOfSpaces < 20) {
            fieldIncorrect($tbMessage);
        } else {
            fieldCorrect($tbMessage);
        }
    }
    $tbMessage.blur(checkMessage);

    // FORM SUBMITION
    var checkFunctions = [checkName, checkEmail, checkMessage];
    var successMessage = 'Sent! Expect an answer from one of our agents soon.';
    $('#btnSend').click(function(e) {
        submitForm(checkFunctions, $('#contactForm form'), successMessage);
        e.preventDefault();
    });
});
```

cart.js

```javascript
$(document).ready(function() {
    // CART LIST
    function printCartDevices() {
        let cartDevices = loadLocalStorage('cart');
        $('#cartList tbody').html('');
        for(let i in cartDevices) {
            var currentDevice = cartDevices[i];
            $('#cartList tbody').append(`<tr data-
id="${currentDevice.id}" class="cartItem"><td class="colDeviceName">${currentDevice.name}<
/td><td class="colPrice">${currentDevice.price}€</td><td class="colQuantity"><button class
="btnPrimary btnQuantity btnDecrease"><span>-
</span></button><span class="quantity">${currentDevice.quantity}</span><button class="btnP
rimary btnQuantity btnIncrease"><span>+</span></button></td><td class="colRemove"><button
class="btnRemove"><i class="fas fa-minus"></i></button></td></tr>`);
        }
    }

    printCartDevices();

    // BUTTON QUANTITY
    $('.btnQuantity').click(function() {
        let cartDevices = loadLocalStorage('cart');
        var deviceId = parseInt($(this).parents('tr').data('id'));
        var index;
        for(let i in cartDevices) {
            if(deviceId == cartDevices[i].id) {
                index = i;
                break;
            }
        }
        if($(this).hasClass('btnIncrease')) {
            if(cartDevices[index].quantity < 10) {
                cartDevices[index].quantity++;
                updateLocalStorage(cartDevices, 'cart');
            }
        } else {
            if(cartDevices[index].quantity > 1) {
                cartDevices[index].quantity--;
                updateLocalStorage(cartDevices, 'cart');
            }
        }
        $(this).siblings('.quantity').html(cartDevices[index].quantity);
        printCartNumber();
        printTotalPrice();
    });

    // BUTTON REMOVE
    $('.btnRemove').click(function() {
        let cartDevices = loadLocalStorage('cart');
        var deviceId = parseInt($(this).parents('tr').data('id'));
```

```javascript
        for(let i in cartDevices) {
            if(cartDevices[i].id == deviceId) {
                removeDevice(i);
                break;
            }
        }
    }
    printCartNumber();
    printTotalPrice();
    $(this).parents('tr').remove();
});

function removeDevice(index) {
    let cartDevices = loadLocalStorage('cart');
    cartDevices.splice(index, 1);
    updateLocalStorage(cartDevices, 'cart');
}


// TOTAL PRICE
var totalPrice;
function printTotalPrice() {
    let cartDevices = loadLocalStorage('cart');
    totalPrice = 0;
    for(let i in cartDevices) totalPrice += cartDevices[i].price * cartDevices[i].quan
tity;
    $('#totalPrice').html(`Total Price: <span class="bold">${totalPrice}€</span>`);
}

printTotalPrice();


// FORM VALIDATION
// NAME
var regExpName = /^[A-ZŠĐČĆŽ][a-zšđčćž]{2,}(\s[A-ZŠĐČĆŽ][a-zšđčćž]{2,})+$/;
var $tbName = $('#tbName');
$tbName.blur(checkName);
function checkName() {
    checkRegExp($tbName, regExpName);
}


// EMAIL
var regExpEmail = /^[a-z][a-z0-9-_\.]{2,}@([a-z0-9-_]{2,}\.)+[a-z]{2,}$/;
var $tbEmail = $('#tbEmail');
$tbEmail.blur(checkEmail);
function checkEmail() {
    checkRegExp($tbEmail, regExpEmail);
}


// ADDRESS
var regExpAddress = /^[A-ZŠĐČĆŽ][a-zšđčćž]{2,}(\s[A-ZŠĐČĆŽa-zšđčćž][a-
zšđčćž]{2,})*\s\d+[A-Z]?(\/\d+)*$/;
var $tbAddress = $('#tbAddress');
$tbAddress.blur(checkAddress);
function checkAddress() {
```

```javascript
        checkRegExp($tbAddress, regExpAddress);
    }


    // CHECKOUT BUTTON
    var checkFunctions = [checkName, checkEmail, checkAddress];
    var successMessage = 'Success! We will reach out to you in the next couple of days to
confirm the provided information.';
    $('#btnCheckout').click(function() {
        if($('.cartItem').length != 0) {
            submitForm(checkFunctions, $('#checkout form'), successMessage);
            if(noErrors) emptyCart();
        } else openModal('Your cart is empty!');
    });


    function emptyCart() {
        updateLocalStorage([], 'cart');
        printCartDevices();
        printTotalPrice();
        printCartNumber();
    }
});
```

author.js

```javascript
$(document).ready(function() {
    // AUTHOR SOCIAL
    loadJson('authorSocialLinks', function(output) {
        printAuthorSocialLinks(output);
    });

    function printAuthorSocialLinks(data) {
        for(let el of data) {
            $('#authorSocial ul').append(`<li><a href="${el.href}" class="font-small" target="_blank"><i class="${el.icon}" style="color: ${el.color};"></i></a></li>`);
        }
    }
});
```

3.4 JSON

socialLinks.json

```json
[{
    "id": 1,
    "name": "Facebook",
    "icon": "fab fa-facebook",
    "href": "https://www.facebook.com/bojan.maksimovic.908"
},
{
    "id": 2,
    "name": "Instagram",
    "icon": "fab fa-instagram",
    "href": "https://www.instagram.com/bojanm___/"
},
{
    "id": 3,
    "name": "Twitter",
    "icon": "fab fa-twitter",
    "href": "https://twitter.com/bojanm_"
},
{
    "id": 4,
    "name": "Documentation",
    "icon": "fas fa-file",
    "href": "assets/documentation/documentation.pdf"
}]
```

sliderImages.json

```json
[{
    "id": 1,
    "image": "slide1"
},
{
    "id": 2,
    "image": "slide2"
},
{
    "id": 3,
    "image": "slide3"
}]
```

pageLinks.json

```json
[{
    "id": 1,
    "name": "Home",
    "href": "index.html"
},
{

    "id": 2,
    "name": "Devices",
    "href": "devices.html"
},
{

    "id": 3,
    "name": "Contact",
    "href": "contact.html"
},
{

    "id": 4,
    "name": "Author",
    "href": "author.html"
}]
```

operatingSystems.json

```json
[{
    "id": 1,
    "name": "Android"
},
{
    "id": 2,
    "name": "iOS"
}]
```

devices.json

```json
[{
    "id": 1,
    "name": "APPLE iPhone XS 512GB Silver MT9M2SE/A",
    "image": "iPhone_XS_512GB_Silver.png",
    "os": 2,
    "brand": 1,
    "price": 1500
},
{

    "id": 2,
    "name": "HONOR 10 64GB Phantom Green 7800429",
    "image": "HONOR_10_64GB_Phantom_Green.png",
    "os": 1,
    "brand": 2,
    "price": 350
},
{

    "id": 3,
    "name": "APPLE iPhone 11 Pro Max 256GB Space gray",
    "image": "iPhone_11_Pro_Max_256GB_Space_gray.png",
    "os": 2,
    "brand": 1,
    "price": 1600
},
{

    "id": 4,
    "name": "HUAWEI Y5p 32GB Midnight Black",
    "image": "HUAWEI_Y5p_32GB_Midnight_black.png",
    "os": 1,
    "brand": 3,
    "price": 110
},
{

    "id": 5,
    "name": "HUAWEI P30 Lite 256GB Breathing Crystal",
    "image": "HUAWEI_P30_Lite_256GB_Breathing_Crystal.png",
    "os": 1,
    "brand": 3,
    "price": 350
},
{

    "id": 6,
    "name": "APPLE iPhone 12 64GB Blue",
    "image": "iPhone_12_64GB_Blue.png",
    "os": 2,
    "brand": 1,
    "price": 1100
},
{

    "id": 7,
```

```json
        "name": "APPLE iPhone 11 Pro Max 64GB Green MWHH2SE/A",
        "image": "iPhone_11_Pro_Max_64GB_Green.png",
        "os": 2,
        "brand": 1,
        "price": 1350
    },
    {
        "id": 8,
        "name": "HONOR 20 128GB Midnight black 51093VCM",
        "image": "HONOR_20_128GB_Midnight_black.png",
        "os": 1,
        "brand": 2,
        "price": 400
    },
    {
        "id": 9,
        "name": "SAMSUNG GALAXY Z FLIP 256GB Mirror Black SM-F700FZPDSEE",
        "image": "SAMSUNG_GALAXY_Z_FLIP_256GB_Mirror_black.png",
        "os": 1,
        "brand": 4,
        "price": 1200
    },
    {
        "id": 10,
        "name": "HONOR 8A 32GB Black 51093WGU",
        "image": "HONOR_8A_32GB_Black.png",
        "os": 1,
        "brand": 2,
        "price": 140
    },
    {
        "id": 11,
        "name": "HONOR 9A 64GB Black",
        "image": "HONOR_9A_64GB_Black.png",
        "os": 1,
        "brand": 2,
        "price": 170
    },
    {
        "id": 12,
        "name": "SAMSUNG GALAXY A20s 32GB Blue SM-A207FZBDEUF",
        "image": "SAMSUNG_GALAXY_A20s_32GB_Blue.png",
        "os": 1,
        "brand": 4,
        "price": 200
    },
    {
        "id": 13,
        "name": "HUAWEI P40 Pro 256GB Black",
        "image": "HUAWEI_P40_Pro_256GB_Black.png",
        "os": 1,
        "brand": 3,
```

```
        "price": 1200
},
{

        "id": 14,
        "name": "APPLE iPhone 11 Pro Max 256GB Gold",
        "image": "iPhone_11_Pro_Max_256GB_Gold.png",
        "os": 2,
        "brand": 1,
        "price": 1600
},
{

        "id": 15,
        "name": "HUAWEI Y6p 64GB Emerald Green",
        "image": "HUAWEI_Y6p_64GB_Emerald_Green.png",
        "os": 1,
        "brand": 3,
        "price": 190
},
{

        "id": 16,
        "name": "HUAWEI P30 Lite 256GB Midnight Black",
        "image": "HUAWEI_P30_Lite_256GB_Midnight_Black.png",
        "os": 1,
        "brand": 3,
        "price": 350
},
{

        "id": 17,
        "name": "APPLE iPhone SE 128GB Red",
        "image": "iPhone_SE_128GB_Red.png",
        "os": 2,
        "brand": 1,
        "price": 650
},
{

        "id": 18,
        "name": "SAMSUNG GALAXY S20 Ultra Cloud White",
        "image": "SAMSUNG_GALAXY_S20_Ultra_Cloud_White.png",
        "os": 1,
        "brand": 4,
        "price": 1400
},
{

        "id": 19,
        "name": "SAMSUNG GALAXY A20e 32GB DS Orange SM-A202FZODSEE",
        "image": "SAMSUNG_GALAXY_A20e_32GB_DS_Orange.png",
        "os": 1,
        "brand": 4,
        "price": 410
},
{

        "id": 20,
```

```json
        "name": "HONOR 7S 16GB Black 51094ABU",
        "image": "HONOR_7S_16GB_Black.png",
        "os": 1,
        "brand": 2,
        "price": 90
    },
    {
        "id": 21,
        "name": "SAMSUNG GALAXY A21s 32GB Blue SM-A217FZBNEUF",
        "image": "SAMSUNG_GALAXY_A21s_32GB_Blue.png",
        "os": 1,
        "brand": 4,
        "price": 200
    },
    {
        "id": 22,
        "name": "HUAWEI P Smart (2021) 128GB Blush Gold",
        "image": "HUAWEI_P_Smart_(2021)_128GB_Blush_gold.png",
        "os": 1,
        "brand": 3,
        "price": 240
    },
    {
        "id": 23,
        "name": "SAMSUNG GALAXY NOTE 20 Mystic Grey SM-N980FZAGEUF",
        "image": "SAMSUNG_GALAXY_NOTE_20_Mystic_Grey.png",
        "os": 1,
        "brand": 4,
        "price": 1100
    },
    {
        "id": 24,
        "name": "HONOR 9S 32GB Black",
        "image": "HONOR_9S_32GB_Black.png",
        "os": 1,
        "brand": 2,
        "price": 100
    }]
```

brands.json

```json
[{
    "id": 1,
    "name": "Apple"
},
{
    "id": 2,
    "name": "Honor"
},
{
    "id": 3,
    "name": "Huawei"
},
{
    "id": 4,
    "name": "Samsung"
}]
```

authorSocialLinks.json

```json
[{
    "id": 1,
    "icon": "fab fa-facebook",
    "href": "https://www.facebook.com/bojan.maksimovic.908",
    "color": "#3d6eff"
},
{
    "id": 2,
    "icon": "fab fa-instagram",
    "href": "https://www.instagram.com/bojanm___/",
    "color": "#ff24f8"
},
{
    "id": 3,
    "icon": "fab fa-twitter",
    "href": "https://twitter.com/bojanm_",
    "color": "#17e4ff"
}]
```