Visoka škola za informacione i komunikacione tehnologije

DOKUMENTACIJA

Web programiranje 2

https://danilodraskovic.github.io/ddtech.github.io

Sadržaj

1. Uvod

1.1. Programski jezici

Pri kreiranju sajta korišćene su tehnologije:

1. HTML
2. CSS
3. SCSS
4. JavaScript
5. jQuery
6. Bootstrap
7. XML

Visual Studio Code korišćen je kao program za obradu teksta.

1.2. Opis funkcionalnosti

- Dinamičko ispisivanje navigacionog menija
- Za telefone i ostale manje uređaje koristi se ikonica za spuštanje menija
- Animacija u naslovu treptanja tačke
- Animcije pri ulasku elemenata u vidno polje korisnika
- Na stranici *store* kompletno dinamičko ispisivanje filtera, sortiranja i prozvoda iz JSON fajlova
- Svi JSON fajlovi pozivaju se AJAX-om i vrši se funkcija ispisa
- Svo filtriranje i sortiranje je upareno
- Filtriranje po opsegu cene, proizvođaču, tipu uređaja, kategoriji, dostupnosti i po unosu korisnika
- Sortiranje po imenu, ceni opadajuće i ceni rastuće
- Svaki proizvod ima dugme za dodavanje u korpu
- Korisniku se animacijom daje do znanja da je proizvod dodat u korpu
- Ako korisnik pokuša da isti proizvod doda u korpu više puta biće mu naznačeno da je nemoguće
- Nedostupni poizvodi ne mogu se dodati u korpu
- Ulaskom u korpu prikazuju se svi dodati proizvodi
- Funkcije za ispis broja proizvoda, cene, ukupne cene, uklanjanje proizvoda, brisanja cele korpe
- Korpa radi na principu *local storage-a*
- Ukoliko ima proizvoda u korpi pokazuje se forma za naručivanje
- Sve greške u formama obrađene su *JavaScript-om* i korisnik se obaveštava o njima
- Ukoliko nema proizvoda po kriterijumu zadatom od strane korisnika, on se o tome obaveštava
- Pri naručivanju iz korpe korisnik se obaveštava da je njegova porudžbina na putu

1.3. Template

Za izradu sajta nije korišćen template! Sajt je prilagođen za sve uređaje.

2. Organizacija

2.1. Organizaciona šema
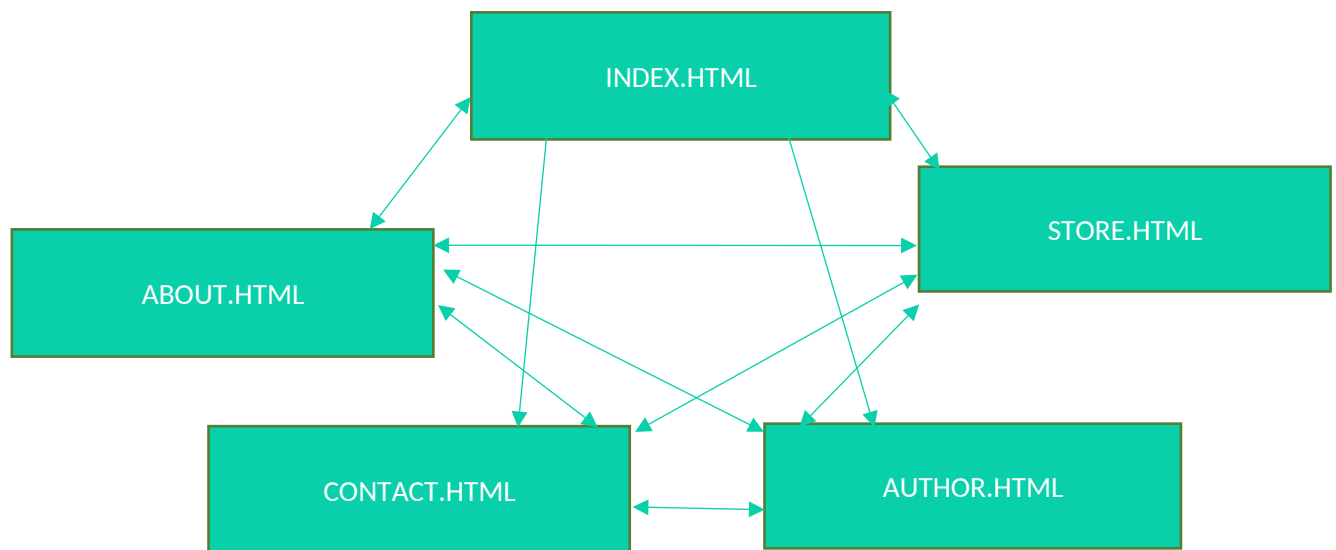
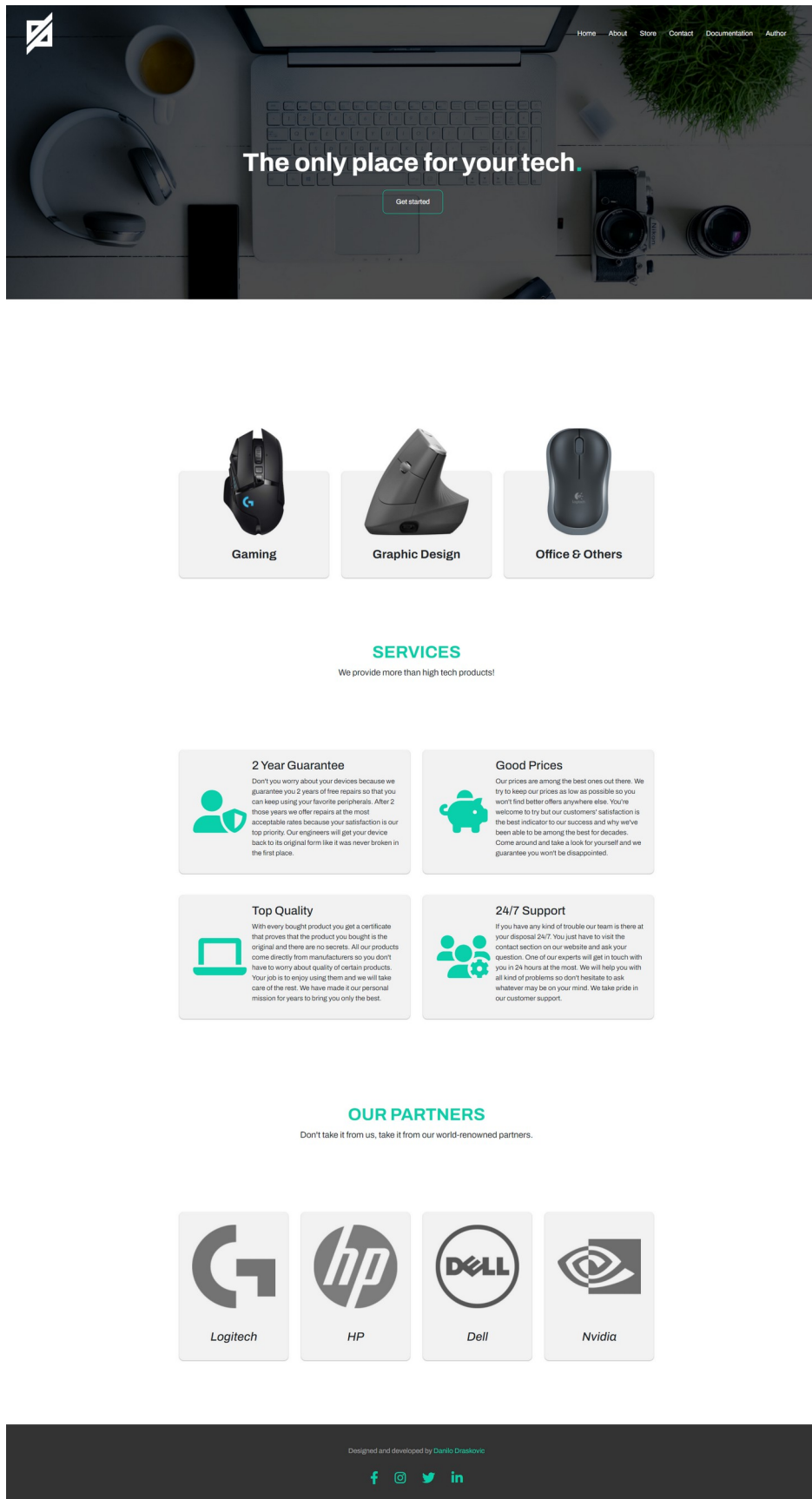### 2.2. Mapa sajta

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset
    xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://www.sitemaps.org/schemas/sitemap/0.9
        http://www.sitemaps.org/schemas/sitemap/0.9/sitemap.xsd">
 <url>
  <loc>https://danilodraskovic.github.io/ddtech.github.io/</loc>
```

```xml
    <lastmod>2022-03-10T02:41:06+00:00</lastmod>
    <priority>1.00</priority>
  </url>
  <url>
    <loc>https://danilodraskovic.github.io/ddtech.github.io/index.html</loc>
    <lastmod>2022-03-10T02:41:06+00:00</lastmod>
    <priority>1.00</priority>
  </url>
  <url>
    <loc>https://danilodraskovic.github.io/ddtech.github.io/about.html</loc>
    <lastmod>2022-03-10T02:41:06+00:00</lastmod>
    <priority>0.60</priority>
  </url>
  <url>
    <loc>https://danilodraskovic.github.io/ddtech.github.io/store.html</loc>
    <lastmod>2022-03-10T02:41:06+00:00</lastmod>
    <priority>0.90</priority>
  </url>
  <url>
    <loc>https://danilodraskovic.github.io/ddtech.github.io/contact.html</loc>
    <lastmod>2022-03-10T02:41:06+00:00</lastmod>
    <priority>0.80</priority>
  </url>
  <url>
    <loc>https://danilodraskovic.github.io/ddtech.github.io/author.html</loc>
    <lastmod>2022-03-10T02:41:06+00:00</lastmod>
    <priority>0.40</priority>
  </url>
</urlset>
```
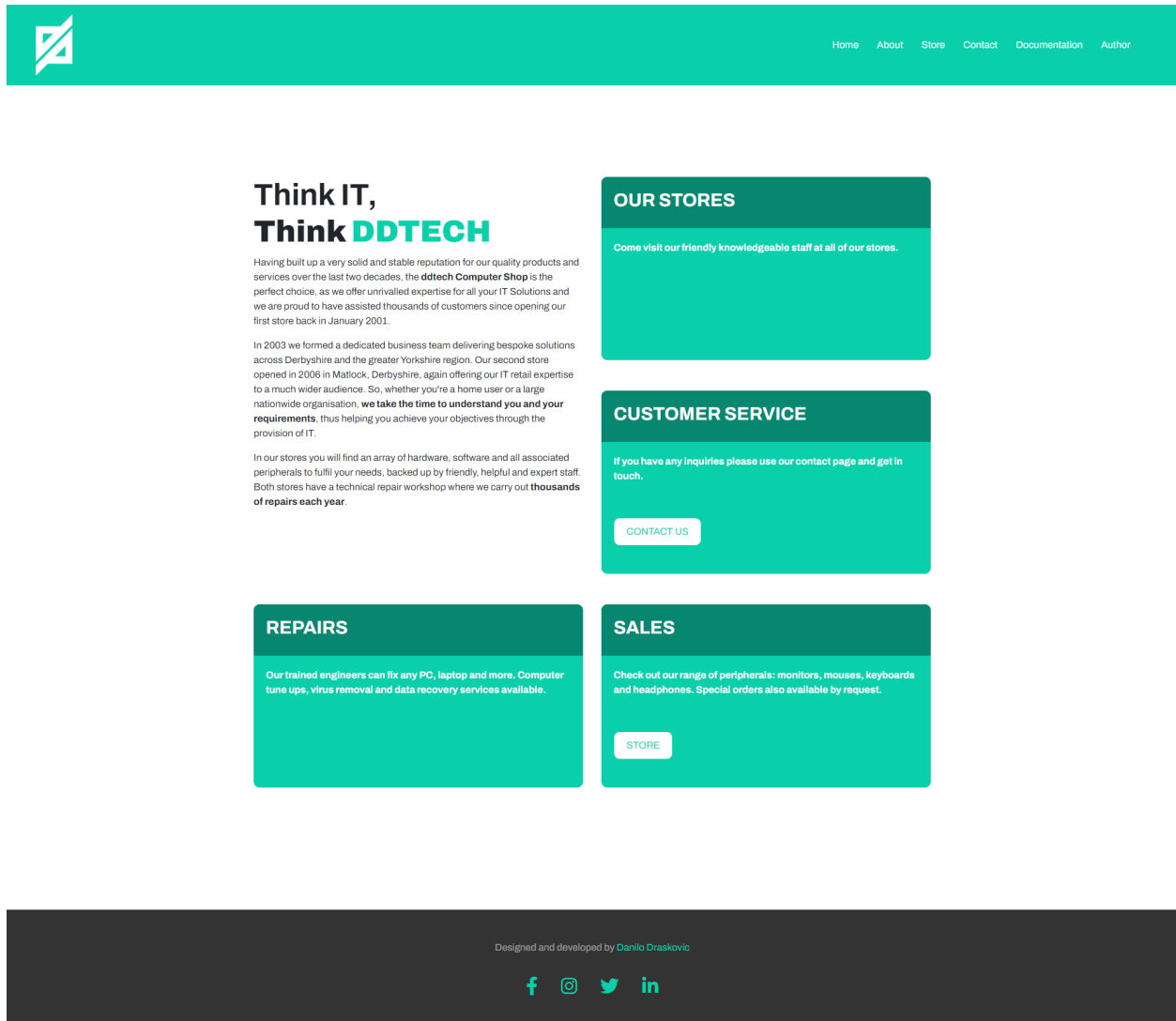
Datumi u mapi su datumi kada je slika napravljena. Ostala struktura je ista.

2.3. Slike stranica i opisi funkcionalnosti

The only place for your tech.

Get started

Home   About   Store   Contact   Documentation   Author

Gaming   Graphic Design   Office & Others

SERVICES

We provide more than high tech products!

2 Year Guarantee

Don't you worry about your devices because we guarantee you 2 years of free repairs so that you can keep using your favorite peripherals. After 2 those years we offer repairs at the most acceptable rates because your satisfaction is our top priority. Our engineers will get your device back to its original form like it was never broken in the first place.

Good Prices

Our prices are among the best ones out there. We try to keep our prices as low as possible so you won't find better offers anywhere else. You're welcome to try but our customers' satisfaction is the best indicator to our success and why we've been able to be among the best for decades. Come around and take a look for yourself and we guarantee you won't be disappointed.

Top Quality

With every bought product you get a certificate that proves that the product you bought is the original and there are no secrets. All our products come directly from manufacturers so you don't have to worry about quality of certain products. Your job is to enjoy using them and we will take care of the rest. We have made it our personal mission for years to bring you only the best.

24/7 Support

If you have any kind of trouble our team is there at your disposal 24/7. You just have to visit the contact section on our website and ask your question. One of our experts will get in touch with you in 24 hours at the most. We will help you with all kind of problems so don't hesitate to ask whatever may be on your mind. We take pride in our customer support.

OUR PARTNERS

Don't take it from us, take it from our world-renowned partners.

Logitech   HP   Dell   Nvidia

Designed and developed by Danilo Draskovic

Nakon otvaranja sajta navigacioni meni se dinamički kreira. Na manjim veličinama ekrana pojavljuje se ikonica za meni čijim se klikom spušta meni sa animiranim linkovima. Ikonica je animirana da postaje dugme za zatvaranje i obratno. Dok korisnik lista kroz stranicu sadržaj se postepeno pojavljuje. U futeru su ikonice za drštvene mreže.

Nema posebnih funkcionalnosti za stranicu *about*.

Na stranici *store* kompletan sadržaj se dinamički ispisuje iz *JSON* fajla. Prvo se ispisuju filteri i sortiranje koji pozivaju sledeće ispisivanje u svojim funkcijama. Sve se dohvata *AJAX-om*. Nakon što je sadržaj ispisan korisnik može filtrirati sadržaj i sortirati proizvode. Svi filteri i sortiranja su upareni i daju zajednički rezultat. Svaki proizvod (osim nedostupnih i već dodatih) korisnik može dodati u korpu o čemu ga obaveštava animacija. Klikom na ikonicu korpe korisnik može videti sve svoje proizvode, uvećavati količinu istih, brisati ih i kupiti. Za sve akcije postoje odgovarajuće funkcije koje računaju ukupnu cenu, broj proizvoda kao i *checkout* sekcija koja se prikazuje samo ako ima proizvoda u korpi. Sve funkcije u korpi su uparene. Nakon kupovine korisnik biva obavešten i korpa se briše.

Na stranici za kontakt postoji lokacija i forma za pitanje. Funkcije obrađuju greške i poruka se ne može poslati ukoliko nisu zadovoljeni svi uslovi.
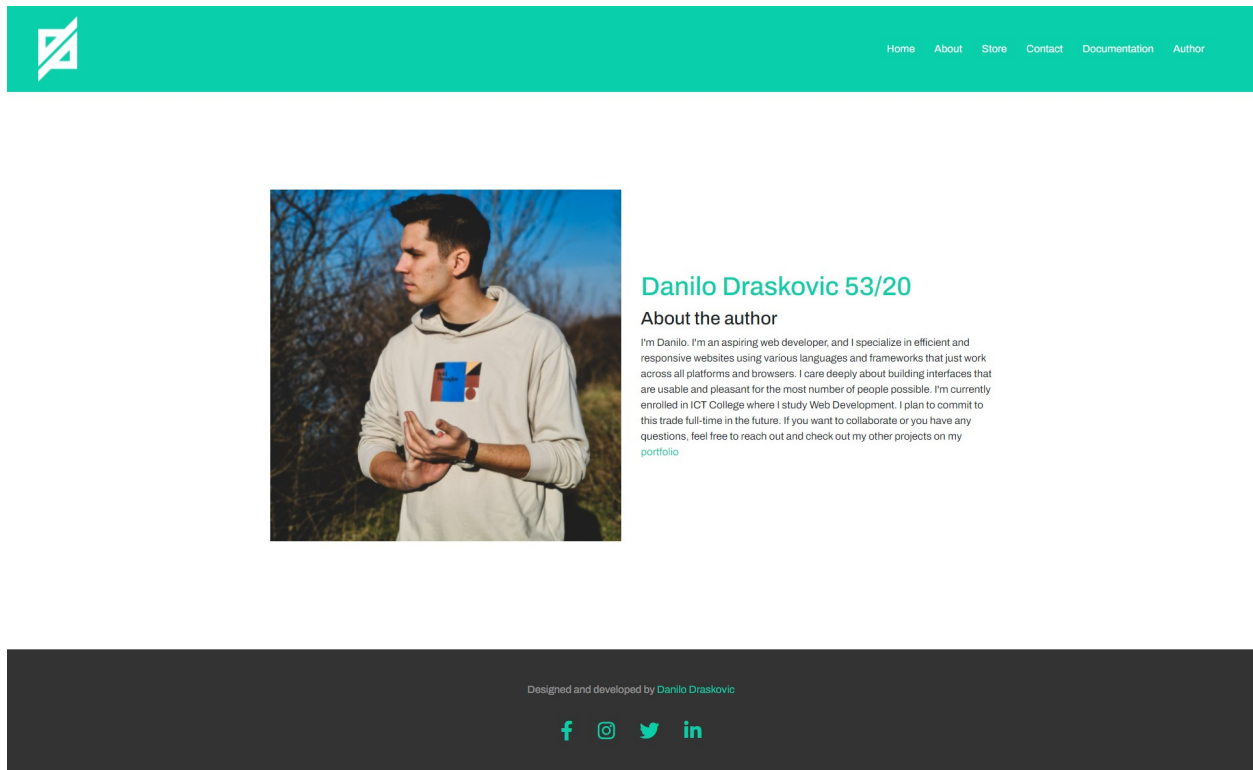
Stranica o autoru sadrži sliku i kratak tekst.

3. Kodovi

3.1. HTML

3.1.1. index.html

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>ddtech</title>
    <link rel="icon" type="image/x-icon" href="img/favicon.ico" />
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
```

```html
integrity="sha384-TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI
2xXr2" crossorigin="anonymous" />
    <link rel="stylesheet" type="text/css"
href="css/hamburgers-master/dist/hamburgers.css" />
    <link rel="stylesheet" href="https://unpkg.com/aos@next/dist/aos.css" />
    <link rel="stylesheet" type="text/css" href="css/style.css" />
  </head>
  <body>
    <header class="w-100">
      <div class="overflow-hidden" id="landing">
        <nav id="nav">
          <div data-aos="fade-right" class="px-5 py-3">
            <a href="index.html"><img id="logo" src="img/logo.png" alt="Logo"
/> </a>
          </div>
          <div data-aos="fade-left">
            <ul class="px-5"></ul>
            <button class="hamburger hamburger--spring px-5" type="button">
              <span class="hamburger-box">
               <span class="hamburger-inner"></span>
              </span>
            </button>
            <div id="menu-modal">
              <ul></ul>
            </div>
          </div>
        </nav>
        <div data-aos="fade-up" class="d-flex flex-column justify-content-center
align-items-center">
          <h1>The only place for your tech<span>.</span></h1>
          <a href="store.html">Get started</a>
        </div>
      </div>
    </header>
    <main>
      <div class="container-xl margin-top">
        <div data-aos="fade-up" class="row margin-bottom">
          <div class="col-12">
            <div class="segment-heading">
              <h2>PRODUCTS</h2>
              <p>Which type of gear are you looking for?</p>
            </div>
          </div>
        </div>
        <div class="row d-flex justify-content-center align-items-center">
```

```html
            <div data-aos="fade-up" class="col-xl-4 col-sm-6 col-12">
                <div class="landing-product-card">
                    <img src="img/gaming-mouse.png" alt="Gaming mouse" />
                    <h3>Gaming</h3>
                </div>
            </div>
            <div data-aos="fade-up" class="col-xl-4 col-sm-6 col-12">
                <div class="landing-product-card">
                    <img src="img/graphic-mouse.png" alt="Graphic designers mouse" />
                    <h3>Graphic Design</h3>
                </div>
            </div>
            <div data-aos="fade-up" class="col-xl-4 col-sm-6 col-12">
                <div class="landing-product-card">
                    <img src="img/office-mouse.png" alt="Office mouse" />
                    <h3>Office & Others</h3>
                </div>
            </div>
        </div>
        <div data-aos="fade-up" class="row margin-top margin-bottom">
            <div class="col-12">
                <div class="segment-heading">
                    <h2>SERVICES</h2>
                    <p>We provide more than high tech products!</p>
                </div>
            </div>
        </div>
        <div class="row d-flex justify-content-center align-items-center overflow-hidden">
            <div data-aos="fade-right" class="col-xl-6 col-12">
                <div class="service-card">
                    <div class="icon-wrapper"><i class="fa-solid fa-user-shield"></i></div>
                    <div class="d-flex justify-content-center align-items-start flex-column text-wrapper">
                        <h3>2 Year Guarantee</h3>
                        <p>Don't you worry about your devices because we guarantee you
2 years of free repairs so that you can keep using your favorite peripherals. After 2
those years we offer repairs at the most acceptable rates because your satisfaction is
our top priority. Our engineers will get your device back to its original form like it was
never broken in the first place.</p>
                    </div>
                </div>
            </div>
```

```html
                    <div data-aos="fade-left" class="col-xl-6 col-12">
                        <div class="service-card">
                            <div class="icon-wrapper"><i class="fa-solid fa-piggy-
bank"></i></div>
                            <div class="d-flex justify-content-center align-items-start flex-column
text-wrapper">
                                <h3>Good Prices</h3>
                                <p>Our prices are among the best ones out there. We try to keep
our prices as low as possible so you won't find better offers anywhere else. You're
welcome to try but our customers' satisfaction is the best indicator to our success and
why we've been able to be among the best for decades. Come around and take a look
for yourself and we guarantee you won't be disappointed.</p>
                            </div>
                        </div>
                    </div>
                    <div data-aos="fade-right" class="col-xl-6 col-12">
                        <div class="service-card">
                            <div class="icon-wrapper"><i class="fa-solid fa-laptop"></i></div>
                            <div class="d-flex justify-content-center align-items-start flex-column
text-wrapper">
                                <h3>Top Quality</h3>
                                <p>With every bought product you get a certificate that proves
that the product you bought is the original and there are no secrets. All our products
come directly from manufacturers so you don't have to worry about quality of certain
products. Your job is to enjoy using them and we will take care of the rest. We have
made it our personal mission for years to bring you only the best.</p>
                            </div>
                        </div>
                    </div>
                    <div data-aos="fade-left" class="col-xl-6 col-12">
                        <div class="service-card">
                            <div class="icon-wrapper"><i class="fa-solid fa-users-
gear"></i></div>
                            <div class="d-flex justify-content-center align-items-start flex-column
text-wrapper">
                                <h3>24/7 Support</h3>
                                <p>If you have any kind of trouble our team is there at your
disposal 24/7. You just have to visit the contact section on our website and ask your
question. One of our experts will get in touch with you in 24 hours at the most. We will
help you with all kind of problems so don't hesitate to ask whatever may be on your
mind. We take pride in our customer support.</p>
                            </div>
                        </div>
                    </div>
                </div>
```

```html
        <div data-aos="fade-up" class="row margin-top margin-bottom">
          <div class="col-12">
            <div class="segment-heading">
              <h2>OUR PARTNERS</h2>
              <p>Don't take it from us, take it from our world-renowned
partners.</p>
            </div>
          </div>
        </div>
        <div class="row">
          <div data-aos="fade-up" class="col-xl-3 col-sm-6 col-12">
            <div class="partner-card">
              <img src="img/logitech-logo.png" alt="Logitech logo" />
              <h3>Logitech</h3>
            </div>
          </div>
          <div data-aos="fade-up" class="col-xl-3 col-sm-6 col-12">
            <div class="partner-card">
              <img src="img/hp-logo.png" alt="HP logo" />
              <h3>HP</h3>
            </div>
          </div>
          <div data-aos="fade-up" class="col-xl-3 col-sm-6 col-12">
            <div class="partner-card">
              <img src="img/dell-logo.png" alt="Dell logo" />
              <h3>Dell</h3>
            </div>
          </div>
          <div data-aos="fade-up" class="col-xl-3 col-sm-6 col-12">
            <div class="partner-card">
              <img src="img/nvidia-logo.png" alt="Nvidia logo" />
              <h3>Nvidia</h3>
            </div>
          </div>
        </div>
      </div>
    </main>
    <footer class="margin-top">
      <div class="container-fluid">
        <div class="row">
          <div class="col-12 d-flex justify-content-center align-items-center flex-
column">
            <p>Designed and developed by <a
href="mailto:danilodraskovic23@gmail.com">Danilo Draskovic</a></p>
          </div>
```

```html
            <div class="col-12 d-flex justify-content-center align-items-center flex-column">
                <div id="socials">
                    <a href="https://www.facebook.com/danilodraskovic23" target="_blank"><i class="fa-brands fa-facebook-f"></i></a>
                    <a href="https://www.instagram.com/danilodraskovic/" target="_blank"><i class="fa-brands fa-instagram"></i></a>
                    <a href="https://twitter.com/danilodraskovix" target="_blank"><i class="fa-brands fa-twitter"></i></a>
                    <a href="https://www.linkedin.com/in/danilo-dra%C5%A1kovi%C4%87-2281b31a7/" target="_blank"><i class="fa-brands fa-linkedin-in"></i></a>
                </div>
            </div>
        </div>
    </footer>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7ZeZDyx" crossorigin="anonymous"></script>
    <script src="https://kit.fontawesome.com/db78232651.js" crossorigin="anonymous"></script>
    <script type="text/javascript" src="js/app.js"></script>
    <script src="https://unpkg.com/aos@next/dist/aos.js"></script>
  </body>
</html>
```

3.1.2. about.html

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>ddtech | about</title>
    <link rel="icon" type="image/x-icon" href="img/favicon.ico" />
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="anonymous" />
    <link rel="stylesheet" type="text/css" href="css/hamburgers-master/dist/hamburgers.css" />
```

```html
      <link rel="stylesheet" href="https://unpkg.com/aos@next/dist/aos.css" />
      <link rel="stylesheet" type="text/css" href="css/style.css" />
   </head>
   <body>
     <header class="w-100">
       <div class="overflow-hidden secondary-header">
         <nav id="nav">
           <div data-aos="fade-right" class="px-5 py-3">
             <a href="index.html"><img id="logo" src="img/logo.png" alt="Logo"
/> </a>
           </div>
           <div data-aos="fade-left">
             <ul class="px-5 accent-nav"></ul>
             <button class="hamburger hamburger--spring px-5" type="button">
               <span class="hamburger-box">
                 <span class="hamburger-inner"></span>
               </span>
             </button>
             <div id="menu-modal">
               <ul></ul>
             </div>
           </div>
         </nav>
       </div>
     </header>
     <main>
       <div class="container-xl margin-top">
         <div class="row">
           <div data-aos="fade-up" class="col-xl-6 col-md-12 mb-5">
             <h1 id="about-heading">Think IT,<br /> <span>Think
<span>DDTECH</span></span></h1>
               <p>Having built up a very solid and stable reputation for our quality
products and services over the last two decades, the <span class="font-weight-
bold">ddtech Computer Shop</span> is the perfect choice, as we offer unrivalled
expertise for all your IT Solutions and we are proud to have assisted thousands of
customers since opening our first store back in January 2001.</p>
               <p>In 2003 we formed a dedicated business team delivering bespoke
solutions across Derbyshire and the greater Yorkshire region. Our second store opened
in 2006 in Matlock, Derbyshire, again offering our IT retail expertise to a much wider
audience.
               So, whether you're a home user or a large nationwide organisation,
<span class="font-weight-bold">we take the time to understand you and your
requirements</span>, thus helping you achieve your objectives through the provision
of IT.
               </p>
```

```html
        <p>In our stores you will find an array of hardware, software and all
associated peripherals to fulfil your needs, backed up by friendly, helpful and expert
staff. Both stores have a technical repair workshop where we carry out <span
class="font-weight-bold">thousands of repairs each year</span>.</p>
        </div>
        <div data-aos="fade-up" class="col-xl-6 col-md-12 d-flex justify-content-
center align-items-center flex-column">
          <div class="about-box">
            <div class="about-box-heading">
              <h2>OUR STORES</h2>
            </div>
            <p>Come visit our friendly knowledgeable staff at
              all of our stores.
            </p>
          </div>
          <div class="about-box">
            <div class="about-box-heading">
              <h2>CUSTOMER SERVICE</h2>
            </div>
            <p>If you have any inquiries please use our
              contact page and get in touch.
            </p>
            <a href="contact.html">CONTACT US</a>
          </div>
        </div>
      </div>
      <div class="row">
        <div data-aos="fade-up" class="col-xl-6 col-md-12">
          <div class="about-box">
            <div class="about-box-heading">
              <h2>REPAIRS</h2>
            </div>
            <p>Our trained engineers can fix any PC, laptop and more. Computer
tune ups, virus removal and data recovery services available.
            </p>
          </div>
        </div>
        <div data-aos="fade-up" class="col-xl-6 col-md-12">
          <div class="about-box">
            <div class="about-box-heading">
              <h2>SALES</h2>
            </div>
            <p>Check out our range of peripherals: monitors, mouses, keyboards
and headphones. Special orders also available by request.
            </p>
```

```html
                <a href="store.html">STORE</a>
              </div>
            </div>
          </div>
      </main>
      <footer class="margin-top">
        <div class="container-fluid">
          <div class="row">
            <div class="col-12 d-flex justify-content-center align-items-center flex-column">
              <p>Designed and developed by <a href="mailto:danilodraskovic23@gmail.com">Danilo Draskovic</a></p>
            </div>
            <div class="col-12 d-flex justify-content-center align-items-center flex-column">
              <div id="socials">
                <a href="https://www.facebook.com/danilodraskovic23" target="_blank"><i class="fa-brands fa-facebook-f"></i></a>
                <a href="https://www.instagram.com/danilodraskovic/" target="_blank"><i class="fa-brands fa-instagram"></i></a>
                <a href="https://twitter.com/danilodraskovix" target="_blank"><i class="fa-brands fa-twitter"></i></a>
                <a href="https://www.linkedin.com/in/danilo-dra%C5%A1kovi%C4%87-2281b31a7/" target="_blank"><i class="fa-brands fa-linkedin-in"></i></a>
              </div>
            </div>
          </div>
        </div>
      </footer>
      <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
      <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7ZeZDyx" crossorigin="anonymous"></script>
      <script src="https://kit.fontawesome.com/db78232651.js" crossorigin="anonymous"></script>
      <script src="https://cdnjs.cloudflare.com/ajax/libs/tether/1.4.0/js/tether.min.js" integrity="sha384-DztdAPBWPRXSA/3eYEEUWrWCy7G5KFbe8fFjk5JAIxUYHKkDx6Qin1DkWx51bBrb" crossorigin="anonymous"></script>
      <script type="text/javascript" src="js/app.js"></script>
      <script src="https://unpkg.com/aos@next/dist/aos.js"></script>
  </body>
</html>
```

3.1.3. store.html

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>ddtech | store</title>
    <link rel="icon" type="image/x-icon" href="img/favicon.ico" />
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
integrity="sha384-TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI
2xXr2" crossorigin="anonymous" />
    <link rel="stylesheet" type="text/css"
href="css/hamburgers-master/dist/hamburgers.css" />
    <link rel="stylesheet" href="https://unpkg.com/aos@next/dist/aos.css" />
    <link rel="stylesheet" type="text/css" href="css/style.css" />
  </head>
  <body>
    <div id="alreadyInCart">
      <p>Already in cart!</p>
    </div>
    <div class="modal fade vh-100" id="cartModal" tabindex="-1" role="dialog" aria-
labelledby="exampleModalLabel" aria-hidden="true">
      <div class="modal-dialog modal-dialog-centered modal-dialog-scrollable modal-
lg" role="document">
        <div class="modal-content">
         <div class="modal-body pb-0">
           <div class="d-flex justify-content-between align-items-end mt-3 mb-3">
             <div class="">
               <h4 class="accent-color mb-0">My Cart</h4>
               <small class="text-black-50">Added Items</small>
             </div>
             <div class="">
               <h4>
                 <span class="item-in-cart-count">0</span>
                 <i class="fas fa-shopping-cart accent-color"></i>
               </h4>
             </div>
           </div>
           <div id="cart">
```

```html
            </div>
            <div id="total" class="total position-sticky py-3 mb-0 bg-white"
style="bottom: 0">

            </div>
        </div>
        <div class="modal-footer mt-0">
            <h3 class="accent-color">Checkout</h3>
            <form id="form">
              <div>
                <div class="form-group">
                  <label for="name">First and last name</label>
                  <input type="text" class="form-control" id="name" aria-
describedby="nameHelp">
                  <small id="nameHelp" class="form-text text-danger"></small>
                </div>
                <div class="form-group">
                  <label for="email">Email address</label>
                  <input type="email" class="form-control" id="email" aria-
describedby="emailHelp">
                  <small id="emailHelp" class="form-text text-danger"></small>
                </div>
                <div class="form-group">
                  <label for="country">Country</label>
                  <select id="country" class="form-control" aria-
describedby="countryHelp">

                  </select>
                  <small id="countryHelp" class="form-text text-danger"></small>
                </div>
                <div class="form-group">
                  <label for="city">City</label>
                  <input type="text" class="form-control" id="city" aria-
describedby="emailHelp">
                  <small id="cityHelp" class="form-text text-danger"></small>
                </div>
                <div class="form-group">
                  <label for="address">Address</label>
                  <input type="text" class="form-control" id="address" aria-
describedby="emailHelp">
                  <small id="addressHelp" class="form-text text-danger"></small>
                </div>
                <div class="form-group form-check">
                  <input type="checkbox" class="form-check-input" id="checkbox-
agree" aria-describedby="checkboxHelp">
```

```html
                    <label class="form-check-label" for="checkbox-agree">I agree to
terms and conditions</label>
                    <small id="checkboxHelp" class="form-text text-
danger"></small>
                </div>
            </div>
            <div>
                <button type="button" class="btn btn-secondary" data-
dismiss="modal">Close</button>
                <button type="submit" class="btn btn-primary">Order
now</button>
            </div>
        </form>
      </div>
     </div>
    </div>
   </div>
   <header class="w-100">
     <div class="overflow-hidden secondary-header">
       <nav id="nav">
        <div data-aos="fade-right" class="px-5 py-3">
          <a href="index.html"><img id="logo" src="img/logo.png" alt="Logo"
/> </a>
        </div>
        <div data-aos="fade-left">
          <ul class="px-5 accent-nav"></ul>
          <button class="hamburger hamburger--spring px-5" type="button">
            <span class="hamburger-box">
             <span class="hamburger-inner"></span>
            </span>
          </button>
          <div id="menu-modal">
            <ul></ul>
          </div>
        </div>
       </nav>
     </div>
   </header>
   <main>
     <div class="d-flex justify-content-center align-items-start flex-column w-100">
       <div id="controls" class="d-flex justify-content-end align-items-center w-100
p-3">
        <div data-aos="fade-right">
          <i id="show-filters" class="fa-solid fa-filter ml-3"></i>
        </div>
```

```
                <div class="d-flex justify-content-center align-items-center" data-
aos="fade-left">
                    <i id="open-cart" data-toggle="modal" data-target="#cartModal"
class="fa-solid fa-basket-shopping"></i>
                    <button id="clear-cart" class="clear-cart btn btn-danger">Clear
Cart</button>
                </div>
            </div>
            <div class="d-flex justify-content-start align-items-start w-100">
                <div data-aos="fade-up" id="filters-wrapper">
                    <div class="w-100 d-flex justify-content-start align-items-start flex-
column">
                        <form class="mb-3">
                            <input type="text" placeholder="Search products.." class="form-
control" id="search" />
                        </form>
                        <select class="mb-1 p-2" id="sort">
                            <option value="asc" selected>Low to high</option>
                            <option value="desc">High to low</option>
                            <option value="name">By name</option>
                        </select>
                        <select class="mb-3 p-2" id="price-filter">
                            <option value="0" selected>All prices</option>
                            <option value="1">1-100$</option>
                            <option value="2">100-300$</option>
                            <option value="3">300$+</option>
                        </select>
                        <ul class="list-group mb-3" id="brandContainer"></ul>
                    </div>
                    <div class="w-100 d-flex justify-content-start align-items-start flex-
column">
                        <ul class="list-group mb-3" id="typeContainer"></ul>
                        <ul class="list-group mb-3" id="categoryContainer"></ul>
                        <ul class="list-group mb-3" id="availability">
                            <li class="list-group-item">
                                <input type="radio" value="all" checked class="availability"
name="availability" id="btn-all"/>All
                                <br/><br/>
                                <input type="radio" value="available" class="availability"
name="availability" id="btn-available"/>Available
                                <br/><br/>
                                <input type="radio" value="unavailable" class="availability"
name="availability" id="btn-not-available"/>Not available
                            </li>
                        </ul>
```

```html
                <button id="apply" role="button">Apply</button>
              </div>
            </div>
            <div data-aos="fade-up" id="products-wrapper">
              <div id="controls">
                <button role="button">Filters and sorting</button>
              </div>
            </div>
          </div>
        </div>
    </main>
    <footer class="margin-top">
      <div class="container-fluid">
        <div class="row">
          <div class="col-12 d-flex justify-content-center align-items-center flex-column">
            <p>Designed and developed by <a href="mailto:danilodraskovic23@gmail.com">Danilo Draskovic</a></p>
          </div>
          <div class="col-12 d-flex justify-content-center align-items-center flex-column">
            <div id="socials">
              <a href="https://www.facebook.com/danilodraskovic23" target="_blank"><i class="fa-brands fa-facebook-f"></i></a>
              <a href="https://www.instagram.com/danilodraskovic/" target="_blank"><i class="fa-brands fa-instagram"></i></a>
              <a href="https://twitter.com/danilodraskovix" target="_blank"><i class="fa-brands fa-twitter"></i></a>
              <a href="https://www.linkedin.com/in/danilo-dra%C5%A1kovi%C4%87-2281b31a7/" target="_blank"><i class="fa-brands fa-linkedin-in"></i></a>
            </div>
          </div>
        </div>
      </div>
    </footer>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7ZeZDyx" crossorigin="anonymous"></script>
    <script src="https://kit.fontawesome.com/db78232651.js" crossorigin="anonymous"></script>
```

```html
    <script src="https://cdnjs.cloudflare.com/ajax/libs/tether/1.4.0/js/tether.min.js"
integrity="sha384-DztdAPBWPRXSA/3eYEEUWrWCy7G5KFbe8fFjk5JAIxUYHKkDx6Qin1Dk
Wx51bBrb" crossorigin="anonymous"></script>
    <script type="text/javascript" src="js/app.js"></script>
    <script src="https://unpkg.com/aos@next/dist/aos.js"></script>
  </body>
</html>
```

3.1.4. contact.html

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>ddtech | contact</title>
    <link rel="icon" type="image/x-icon" href="img/favicon.ico" />
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
integrity="sha384-TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI
2xXr2" crossorigin="anonymous" />
    <link rel="stylesheet" type="text/css"
href="css/hamburgers-master/dist/hamburgers.css" />
    <link rel="stylesheet" href="https://unpkg.com/aos@next/dist/aos.css" />
    <link rel="stylesheet" type="text/css" href="css/style.css" />
  </head>
  <body>
    <header class="w-100">
      <div class="overflow-hidden secondary-header">
        <nav id="nav">
          <div data-aos="fade-right" class="px-5 py-3">
            <a href="index.html"><img id="logo" src="img/logo.png" alt="Logo"
/> </a>
          </div>
          <div data-aos="fade-left">
            <ul class="px-5 accent-nav"></ul>
            <button class="hamburger hamburger--spring px-5" type="button">
              <span class="hamburger-box">
                <span class="hamburger-inner"></span>
              </span>
            </button>
```

```html
            <div id="menu-modal">
                <ul></ul>
            </div>
          </div>
        </nav>
      </div>
   </header>
   <main>
     <div id="contact-modal">
       <p>Sent successfuly!</p>
     </div>
     <div class="container-xl margin-top">
        <div class="row">
          <div data-aos="fade-up" class="col-xl-6 col-md-12">
            <form id="form">
              <div>
                <div class="form-group">
                  <label for="name">First and last name
<span>*</span></label>
                  <input type="text" class="form-control" id="name" aria-describedby="nameHelp">
                  <small id="nameHelp" class="form-text text-danger"></small>
                </div>
                <div class="form-group">
                  <label for="email">Email address <span>*</span></label>
                  <input type="email" class="form-control" id="email" aria-describedby="emailHelp">
                  <small id="emailHelp" class="form-text text-danger"></small>
                </div>
                <div class="form-group">
                  <label for="subject">Subject <span>*</span></label>
                  <select id="subject" class="form-control" aria-describedby="subjectHelp">
                     <option value="choose" selected>Choose...</option>
                     <option value="product">Product availability</option>
                     <option value="report">Report a problem</option>
                     <option value="general">General</option>
                  </select>
                  <small id="subjectHelp" class="form-text text-danger"></small>
                </div>
                <div class="form-group">
                  <label for="address">Address</label>
                  <input type="text" class="form-control" id="address" aria-describedby="emailHelp">
```

```
                        <small id="addressHelp" class="form-text text-
danger"></small>
                    </div>
                    <div class="form-group">
                        <label class="form-check-label mb-2" for="message">Your
message <span>*</span></label><br />
                        <textarea id="message" class="form-control w-
100"></textarea>
                        <small id="messageHelp" class="form-text text-
danger"></small>
                    </div>
                    <div class="form-group form-check">
                        <input type="checkbox" class="form-check-input"
id="checkbox-agree"  aria-describedby="checkboxHelp">
                        <label class="form-check-label" for="checkbox-agree">I agree
to terms and conditions <span>*</span></label>
                        <small id="checkboxHelp" class="form-text text-
danger"></small>
                    </div>
                    <button type="submit" class="btn btn-primary">Send</button>
                </div>
            </form>
            <p class="font-weight-lighter mt-3">Fields labeled with <span
class="text-danger">*</span> are mandatory.</p>
        </div>
        <div data-aos="fade-up" class="col-xl-6 col-md-12">
            <iframe class="w-100" src="https://www.google.com/maps/embed?
pb=!1m18!1m12!1m3!1d9014.691145505267!2d-1.318430991865645!
3d53.24145483395385!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!
1s0x48799a30169da7a1%3A0x719c8ffdcac4cfb0!2sComputer%20and%20Laptop
%20Sales!5e0!3m2!1sen!2srs!4v1646874669349!5m2!1sen!2srs" height="600"
style="border:0;" allowfullscreen="" loading="lazy"></iframe>
        </div>
    </div>
</div>
</main>
<footer class="margin-top">
    <div class="container-fluid">
        <div class="row">
            <div class="col-12 d-flex justify-content-center align-items-center flex-
column">
                <p>Designed and developed by <a
href="mailto:danilodraskovic23@gmail.com">Danilo Draskovic</a></p>
            </div>
```

```html
            <div class="col-12 d-flex justify-content-center align-items-center flex-
column">
                <div id="socials">
                    <a href="https://www.facebook.com/danilodraskovic23"
target="_blank"><i class="fa-brands fa-facebook-f"></i></a>
                    <a href="https://www.instagram.com/danilodraskovic/"
target="_blank"><i class="fa-brands fa-instagram"></i></a>
                    <a href="https://twitter.com/danilodraskovix" target="_blank"><i
class="fa-brands fa-twitter"></i></a>
                    <a href="https://www.linkedin.com/in/danilo-dra%C5%A1kovi
%C4%87-2281b31a7/" target="_blank"><i class="fa-brands fa-linkedin-in"></i></a>
                </div>
            </div>
        </div>
    </div>
    </footer>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></
script>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/
tE3MoK7ZeZDyx" crossorigin="anonymous"></script>
    <script src="https://kit.fontawesome.com/db78232651.js"
crossorigin="anonymous"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/tether/1.4.0/js/tether.min.js"
integrity="sha384-DztdAPBWPRXSA/3eYEEUWrWCy7G5KFbe8fFjk5JAIxUYHKkDx6Qin1Dk
Wx51bBrb" crossorigin="anonymous"></script>
    <script type="text/javascript" src="js/app.js"></script>
    <script src="https://unpkg.com/aos@next/dist/aos.js"></script>
  </body>
</html>
```

3.1.5. author.html

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>ddtech | about</title>
    <link rel="icon" type="image/x-icon" href="img/favicon.ico" />
```

```html
        <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
integrity="sha384-TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI
2xXr2" crossorigin="anonymous" />
        <link rel="stylesheet" type="text/css"
href="css/hamburgers-master/dist/hamburgers.css" />
        <link rel="stylesheet" href="https://unpkg.com/aos@next/dist/aos.css" />
        <link rel="stylesheet" type="text/css" href="css/style.css" />
    </head>
    <body>
        <header class="w-100">
            <div class="overflow-hidden secondary-header">
                <nav id="nav">
                    <div data-aos="fade-right" class="px-5 py-3">
                        <a href="index.html"><img id="logo" src="img/logo.png" alt="Logo"
/> </a>
                    </div>
                    <div data-aos="fade-left">
                        <ul class="px-5 accent-nav"></ul>
                        <button class="hamburger hamburger--spring px-5" type="button">
                          <span class="hamburger-box">
                            <span class="hamburger-inner"></span>
                          </span>
                        </button>
                        <div id="menu-modal">
                          <ul></ul>
                        </div>
                    </div>
                </nav>
            </div>
        </header>
        <main>
            <div class="container-xl margin-top">
                <div class="row">
                    <div data-aos="fade-up" class="col-xl-6 col-md-12">
                        <img class="w-100 mb-3" src="img/profile.jpg" alt="Profile picture" />
                    </div>
                    <div data-aos="fade-up" class="col-xl-6 col-md-12 d-flex justify-content-
center align-items-start flex-column">
                        <h1 class="accent-color">Danilo Draskovic 53/20</h1>
                        <h3>About the author</h3>
                        <p>I'm Danilo. I'm an aspiring web developer, and I specialize in
efficient and responsive websites using various languages and frameworks that just
work across all platforms and browsers. I care deeply about building interfaces that are
usable and pleasant for the most number of people possible. I'm currently enrolled in
```

```html
ICT College where I study Web Development. I plan to commit to this trade full-time in
the future. If you want to collaborate or you have any questions, feel free to reach out
and check out my other projects on my <a class="accent-color" target="_blank"
href="https://danilodraskovic.github.io/">portfolio</a></p>
            </div>
          </div>
        </div>
    </main>
    <footer class="margin-top">
      <div class="container-fluid">
        <div class="row">
          <div class="col-12 d-flex justify-content-center align-items-center flex-
column">
            <p>Designed and developed by <a
href="mailto:danilodraskovic23@gmail.com">Danilo Draskovic</a></p>
          </div>
          <div class="col-12 d-flex justify-content-center align-items-center flex-
column">
            <div id="socials">
              <a href="https://www.facebook.com/danilodraskovic23"
target="_blank"><i class="fa-brands fa-facebook-f"></i></a>
              <a href="https://www.instagram.com/danilodraskovic/"
target="_blank"><i class="fa-brands fa-instagram"></i></a>
              <a href="https://twitter.com/danilodraskovix" target="_blank"><i
class="fa-brands fa-twitter"></i></a>
              <a href="https://www.linkedin.com/in/danilo-dra%C5%A1kovi
%C4%87-2281b31a7/" target="_blank"><i class="fa-brands fa-linkedin-in"></i></a>
            </div>
          </div>
        </div>
      </div>
    </footer>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></
script>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/
tE3MoK7ZeZDyx" crossorigin="anonymous"></script>
    <script src="https://kit.fontawesome.com/db78232651.js"
crossorigin="anonymous"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/tether/1.4.0/js/tether.min.js"
integrity="sha384-DztdAPBWPRXSA/3eYEEUWrWCy7G5KFbe8fFjk5JAIxUYHKkDx6Qin1Dk
Wx51bBrb" crossorigin="anonymous"></script>
    <script type="text/javascript" src="js/app.js"></script>
    <script src="https://unpkg.com/aos@next/dist/aos.js"></script>
```

```
    </body>
</html>
```

3.2. CSS
3.2.1. style.scss

```scss
@import url('https://fonts.googleapis.com/css2?
family=Archivo:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&display=swap');

$accent-color: #09D0AB;
$elevation: #F2F2F2;

* {
    padding: 0;
    margin: 0;
    box-sizing: border-box;
    font-family: 'Archivo', sans-serif;
}

a {
    text-decoration: none !important;
}

.margin-top {
    margin-top: 150px;
}

.margin-bottom {
    margin-bottom: 150px;
}

.accent-color {
    color: $accent-color;
}

.accent-bg {
    background-color: $accent-color;
}


@keyframes blinking {
```

```scss
  from {
    opacity: 0;
  }
  to {
    opacity: 1;
  }
}

@keyframes slideInOnClick {
  from {
    transform: translateX(-1200px);
  }
  to {
    transform: translateX(0);
  }
}

.slideInOnClick1 {
  animation: slideInOnClick 1s ease-in-out;
}

.slideInOnClick2 {
  animation: slideInOnClick 1.2s ease-in-out;
}

.slideInOnClick3 {
  animation: slideInOnClick 1.4s ease-in-out;
}

.slideInOnClick4 {
  animation: slideInOnClick 1.6s ease-in-out;
}

.slideInOnClick5 {
  animation: slideInOnClick 1.8s ease-in-out;
}

.slideInOnClick6 {
  animation: slideInOnClick 2s ease-in-out;
}

#landing {
  background: url(../img/landing-bg.jpg) center no-repeat;
  background-size: cover;
  background-color: rgba($color: #000, $alpha: 0.7);
```

```scss
      background-blend-mode: multiply;
    > div:nth-child(2) a {
        background-color: $accent-color;
        color: #FFF;
        padding: 15px 30px;
        margin-top: 20px;
        transition: .3s;
        margin-bottom: 200px;
        border-radius: 10px;
        border: 1px solid #09D0AB;
        background-color: transparent;
        &:hover {
            background-color: $accent-color;
        }
    }
    h1 {
        font-weight: bold;
        text-align: center;
        margin-top: 200px;
        color: #FFF;
        font-size: 60px;
        span {
            color: $accent-color;
            animation: blinking .5s alternate infinite;
        }
    }
}

#nav {
    display: flex;
    justify-content: space-between;
    align-items: center;
    position: relative;
    #logo {
        height: 100px;
    }
    ul {
        list-style-type: none;
        display: flex;
        justify-content: center;
        align-items: center;
        margin: 0;
        li {
            margin-right: 30px;
            a {
```

```scss
        color: #FFF;
        transition: .3s;
        &:hover {
            color: $accent-color;
        }
    }
    }
}
button {
    display: none;
    position: absolute;
    z-index: 999;
    right: 10px;
    top: 50%;
    transform: translateY(-50%);
}
#menu-modal {
    display: flex;
    justify-content: center;
    align-items: center;
    flex-direction: column;
    height: 0;
    width: 100vw;
    position: fixed;
    top: 0;
    left: 0;
    z-index: 998;
    background: transparent;
    ul {
        list-style-type: none;
        display: flex;
        justify-content: center;
        align-items: center;
        flex-direction: column;
        margin: 0;
        li {
            display: none;
            margin-bottom: 20px;
            a {
                color: #000;
                transition: .3s;
                &:hover {
                    color: $accent-color;
                }
            }
        }
```

```scss
        }
      }
    }
}

.secondary-header {
  background-color: $accent-color;
  .accent-nav {
    a {
      &:hover {
        color: #000 !important;
      }
    }
  }
}

.segment-heading {
  display: flex;
  flex-direction: column;
  justify-content: center;
  align-items: center;
  h2 {
    font-size: 40px;
    color: $accent-color;
    font-weight: bold;
  }
  p {
    width: 100%;
    font-size: 20px;
    text-align: center;
  }
}

.landing-product-card {
  background-color: $elevation;
  position: relative;
  width: 100%;
  height: 250px;
  display: flex;
  justify-content: center;
  align-items: flex-end;
  border-radius: 10px;
  margin: 0;
  box-shadow: rgba(0, 0, 0, 0.12) 0px 1px 3px, rgba(0, 0, 0, 0.24) 0px 1px 2px;
  img {
```

```scss
        height: 250px;
        position: absolute;
        transform: translate(-50%, -50%);
        z-index: 997;
        top: 10%;
        left: 50%;
    }
    h3 {
        font-weight: bold;
        padding-bottom: 30px;
    }
}

.service-card {
    background-color: $elevation;
    width: 100%;
    display: flex;
    justify-content: center;
    align-items: flex-end;
    border-radius: 10px;
    margin-bottom: 50px;
    padding: 20px;
    box-shadow: rgba(0, 0, 0, 0.12) 0px 1px 3px, rgba(0, 0, 0, 0.24) 0px 1px 2px;
    > div:first-child {
        width: 30%;
        position: relative;
        display: flex;
        justify-content: center;
        align-items: center;
        height: 100%;
        i {
            font-size: 100px;
            text-align: center;
            color: $accent-color;
        }
    }
    > div:nth-child(2) {
        width: 70%;
    }
}

.partner-card {
    background-color: $elevation;
    width: 100%;
    display: flex;
```

```scss
    justify-content: center;
    align-items: center;
    flex-direction: column;
    border-radius: 10px;
    padding: 30px;
    box-shadow: rgba(0, 0, 0, 0.12) 0px 1px 3px, rgba(0, 0, 0, 0.24) 0px 1px 2px;
    img {
        width: 100%;
        margin-bottom: 50px;
    }
    h3 {
        font-style: italic;
    }
}

footer {
    background: #333;
    p {
        padding: 50px 0 0 0;
        color: rgba($color: #FFF, $alpha: .5);
        a {
            color: $accent-color;
            transition: .3s;
            &:hover {
                color: #FFF;
            }
        }
    }
    #socials {
        padding: 20px 0 50px 0;
        i {
            color: $accent-color;
            font-size: 30px;
            margin-right: 35px;
            transition: .3s;
            &:hover {
                color: #FFF;
            }
        }
        .fa-linkedin-in {
            margin-right: 0;
        }
    }
}
```

```scss
.product {
  width: 22%;
  height: 800px;
  margin-right: 20px;
  margin-top: 20px;
  display: flex;
  flex-direction: column;
  justify-content: space-between;
  align-items: center;
  box-shadow: rgba(0, 0, 0, 0.12) 0px 1px 3px, rgba(0, 0, 0, 0.24) 0px 1px 2px;
  border-radius: 10px;
  transition: .3s;
  &:hover {
    box-shadow: rgba(0, 0, 0, 0.12) 0px 4px 12px, rgba(0, 0, 0, 0.24) 0px 4px 8px;
  }
  &:nth-child(4n) {
    margin-right: 0;
  }
  .product-info {
    padding: 30px;
    display: flex;
    justify-content: center;
    align-items: center;
    flex-direction: column;
    img {
      margin-bottom: 30px;
    }
    h3 {
      font-weight: bold;
    }
    h4 {
      color: $accent-color;
      font-weight: bold;
      font-size: 30px;
    }
    p {
      text-align: center;
      &:nth-child(5) {
        text-decoration: line-through;
        font-weight: lighter;
      }
    }
  }
  .actions {
    display: flex;
```

```scss
        justify-content: center;
        align-items: center;
        width: 100%;
        border-radius: 0 0 10px 10px;
        .add-to-cart-disabled {
            width: 100%;
            border: none;
            padding: 20px 0;
            background-color: #333;
            color: #F2F2F2;
            border-radius: 0 0 10px 10px;
            &:hover {
                cursor: default;
            }
        }
        i {
            font-size: 20px;
        }
    }
}

#show-filters {
    display: none;
    border: none;
    color: $accent-color;
    transition: .3s;
    &:hover {
        color: #07876F;
    }
}

#filters-wrapper {
    width: 15%;
    margin-top: 20px;
    display: flex;
    flex-direction: column;
    justify-content: flex-start;
    align-items: flex-start;
    form, select, ul {
        width: 100%;
    }
    #apply {
        display: none;
        padding: 15px 30px;
        border: none;
```

```scss
        background-color: $accent-color;
        color: #FFF;
        margin-top: 20px;
        transition: .3s;
        &:hover {
            background-color: #07876F;
        }
    }
    select {
        border: 1px solid rgba($color: #000, $alpha: .2);
        border-radius: 5px;
    }
}

#products-wrapper {
    display: flex;
    justify-content: center;
    align-items: flex-start;
    flex-wrap: wrap;
    padding: 0;
    width: 85%;
}

#controls {
    overflow-x: hidden;
    i {
        font-size: 40px;
        color: $accent-color;
        margin-right: 25px;
        transition: .3s;
        &:hover {
            color: #07876F;
            cursor: pointer;
        }
    }
}

@keyframes opacity {
    from {
        opacity: 0;
    }
    to {
        opacity: 1;
    }
}
```

```css
@keyframes opacityR {
    from {
        opacity: 1;
    }
    to {
        opacity: 0;
    }
}

.filterNarrowOff {
    animation: opacityR .5s ease-in-out !important;
}

.filterNarrow {
    display: flex !important;
    flex-direction: row;
    animation: opacity .5s ease-in-out !important;
}

.overflow-scroll{
    overflow: scroll;
}

.img-in-cart{
    width: 100px !important;
    img {
        width: 100px !important;
    }
}

#cart {
    width: 100%;
}

.form {
    justify-content: space-around;
    align-items: center;
}

.modal-body {
    height: 50% !important;
    overflow-y: scroll;
}
```

```css
.modal-footer {
    height: 50% !important;
    overflow-y: scroll;
}

input:focus, input:active {
    outline: none !important;
    box-shadow: none !important;
    transition: none !important;
}


.success {
    border: 1px solid green !important;
}

.error {
    border: 1px solid red !important;
}

#order-completed {
    height: 100%;
    width: 100%;
    background-color: #FFF;
    display: flex;
    justify-content: center;
    align-items: center;
}

#order-completed-inner {
    width: 80%;
    display: flex;
    justify-content: center;
    align-items: center;
    flex-direction: column;
    h2 {
        color: #000;
        font-size: 50px;
    }
    i {
        color: #000;
        margin-bottom: 50px;
        font-size: 50px;
    }
}
```

```css
.alreadyInCartActive {
    top: 10%;
    transition: all .5s ease-in-out;
}

#alreadyInCart {
    display: flex;
    justify-content: center;
    align-items: center;
    background-color: red;
    border-radius: 10px;
    position: fixed;
    z-index: 999;
    top: -500px;
    left: 50%;
    transform: translateX(-50%);
    p {
        margin: 0;
        color: #FFF;
        padding: 10px 20px;
    }
}

.button {
    --background: #09D0AB;
    --text: #fff;
    --cart: #fff;
    --tick: var(--background);
    position: relative;
    border: none;
    background: none;
    padding: 15px 30px;
    border-radius: 10px 10px 0 0 ;
    -webkit-appearance: none;
    -webkit-tap-highlight-color: transparent;
    overflow: hidden;
    cursor: pointer;
    text-align: center;
    min-width: 144px;
    color: var(--text);
    background: var(--background);
    transform: scale(var(--scale, 1));
    transition: transform .4s cubic-bezier(.36, 1.01, .32, 1.27);
```

```scss
&:active {
    --scale: .95;
}
&:focus {
    outline: none !important;
}
&:hover {
    background-color: #07876F;
}
span {
    font-size: 14px;
    font-weight: 500;
    display: block;
    position: relative;
    padding-left: 24px;
    margin-left: -8px;
    line-height: 26px;
    transform: translateY(var(--span-y, 0));
    transition: transform .7s ease;
    &:before,
    &:after {
        content: '';
        width: var(--w, 2px);
        height: var(--h, 14px);
        border-radius: 1px;
        position: absolute;
        left: var(--l, 8px);
        top: var(--t, 6px);
        background: currentColor;
        transform: scale(.75) rotate(var(--icon-r, 0deg)) translateY(var(--icon-y, 0));
        transition: transform .65s ease .05s;
    }
    &:after {
        --w: 14px;
        --h: 2px;
        --l: 2px;
        --t: 12px;
    }
}
.cart {
    position: absolute;
    left: 50%;
    top: 50%;
    margin: -13px 0 0 -18px;
    transform-origin: 12px 23px;
```

```css
    transform: translateX(-120px) rotate(-18deg);
    &:before,
    &:after {
      content: '';
      position: absolute;
    }
    &:before {
      width: 6px;
      height: 6px;
      border-radius: 50%;
      box-shadow: inset 0 0 0 2px var(--cart);
      bottom: 0;
      left: 9px;
      filter: drop-shadow(11px 0 0 var(--cart));
    }
    &:after {
      width: 16px;
      height: 9px;
      background: var(--cart);
      left: 9px;
      bottom: 7px;
      transform-origin: 50% 100%;
      transform: perspective(4px) rotateX(-6deg) scaleY(var(--fill, 0));
      transition: transform 1.2s ease var(--fill-d);
    }
    svg {
      z-index: 1;
      width: 36px;
      height: 26px;
      display: block;
      position: relative;
      fill: none;
      stroke: var(--cart);
      stroke-width: 2px;
      stroke-linecap: round;
      stroke-linejoin: round;
      polyline {
        &:last-child {
          stroke: var(--tick);
          stroke-dasharray: 10px;
          stroke-dashoffset: var(--offset, 10px);
          transition: stroke-dashoffset .4s ease var(--offset-d);
        }
      }
    }
```

```
    }
    &.loading {
        --scale: .95;
        --span-y: -32px;
        --icon-r: 180deg;
        --fill: 1;
        --fill-d: .8s;
        --offset: 0;
        --offset-d: 1.73s;
        .cart {
            animation: cart 3.4s linear forwards .2s;
        }
    }
}

@keyframes cart {
    12.5% {
        transform: translateX(-60px) rotate(-18deg);
    }
    25%,
    45%,
    55%,
    75% {
        transform: none;
    }
    50% {
        transform: scale(.9);
    }
    44%,
    56% {
        transform-origin: 12px 23px;
    }
    45%,
    55% {
        transform-origin: 50% 50%;
    }
    87.5% {
        transform: translateX(70px) rotate(-18deg);
    }
    100% {
        transform: translateX(140px) rotate(-18deg);
    }
}

.about-box {
```

```scss
    color: #FFF;
    height: 300px;
    width: 100%;
    background-color: $accent-color;
    margin-bottom: 50px;
    border-radius: 10px;
    p {
        padding: 20px;
        font-weight: bold;
    }
    a {
        padding: 10px 20px;
        background-color: #FFF;
        color: #09D0AB;
        display: inline-block;
        margin: 20px;
        border: 1px solid #09D0AB;
        transition: .3s;
        border-radius: 10px;
        &:hover {
            border: 1px solid #FFF;
            background-color: #09D0AB;
            color: #FFF;
        }
    }
    .about-box-heading {
        background-color: #07876F;
        padding: 20px;
        border-radius: 10px 10px 0 0;
        h2 {
            font-weight: bolder;
            font-size: 30px;
        }
    }
}

#about-heading {
    font-weight: bold;
    font-size: 50px;
    span {
        font-weight: bolder;
        span {
            color: $accent-color;
        }
    }
```

```scss
}

label {
   span {
      color: red;
   }
}

#contact-modal {
   display: flex;
   justify-content: center;
   align-items: center;
   background-color: green;
   border-radius: 10px;
   position: fixed;
   z-index: 999;
   top: -500px;
   left: 50%;
   transform: translateX(-50%);
   p {
      margin: 0;
      color: #FFF;
      padding: 10px 20px;
   }
}

@media screen and (max-width: 1220px) {
   .landing-product-card {
      margin-bottom: 150px;
      &:nth-child(3) {
         margin: 0;
      }
   }
   .partner-card {
      margin-bottom: 150px;
   }
   #filters-wrapper {
      display: none;
      transition: .3s;
      width: 100%;
      height: 100vh;
      position: fixed;
      top: 0;
      left: 0;
      z-index: 999;
```

```css
      background-color: #FFF;
      margin: 0;
      flex-direction: row;
      justify-content: flex-start !important;
      align-items: flex-start !important;
      form, select, ul {
         width: 100%;
         margin-bottom: 10px !important;
      }
      #apply {
         display: inline-block;
      }
      > div {
         width: 50%;
      }
   }

   #products-wrapper {
      width: 100%;
   }
   #show-filters {
      display: inline-block;
   }
   #controls {
      justify-content: space-between !important;
   }
   .product {
      width: 30%;
      .product-info {
         padding: 15px;
      }
      &:nth-child(4n) {
         margin-right: 20px;
      }
      &:nth-child(3n) {
         margin-right: 0;
      }
   }
}

@media screen and (max-width: 850px) {
   #nav ul {
      display: none;
   }
   .hamburger {
```

```scss
      display: block !important;
      &:focus {
        outline: none !important;
      }
    }
  }
}

@media screen and (max-width: 600px) {
  .product {
    width: 50%;
    margin-right: 0 !important;
    height: 700px;
  }
}

@media screen and (max-width: 500px) {
  #landing {
    h1 {
      margin-top: 100px;
    }
  }
  .service-card {
    flex-direction: column;
    > div:first-child {
      width: 100%;
    }
    > div:nth-child(2) {
      width: 100%;
    }
  }
}
```

3.3. JavaScript
3.3.1. app.js

```javascript
window.onload = () => {
  AOS.init({
    duration: 800
  });
  var navNames = ['Home', 'About', 'Store', 'Contact', 'Documentation', 'Author'];
  var navHrefs = ['index.html', 'about.html', 'store.html', 'contact.html',
'pdf/documentation.pdf', 'author.html'];
```

```javascript
var nav = document.querySelector('#nav ul');
var navModal = document.querySelector('#menu-modal ul');

for (let i = 0; i < navNames.length; i++) {
   let navLi = document.createElement('li');
   let navA = document.createElement('a');
   let navName = document.createTextNode(navNames[i]);
   navA.setAttribute('href', navHrefs[i]);
   navA.classList.add('navLink');
   navA.append(navName);
   navLi.append(navA);
   nav.append(navLi);
}

for (let i = 0; i < navNames.length; i++) {
   let navLi = document.createElement('li');
   let navA = document.createElement('a');
   let navName = document.createTextNode(navNames[i]);
   navA.setAttribute('href', navHrefs[i]);
   navA.classList.add('navLink');
   navA.append(navName);
   navLi.append(navA);
   navModal.append(navLi);
}

var hamburgerCounter = 1;
var menuModal = document.getElementById('menu-modal');
var hamburger = document.querySelector('.hamburger');
var menuModalLinks = document.querySelectorAll('#menu-modal ul li');
hamburger.addEventListener('click', () => {
   if (hamburgerCounter++ % 2 != 0) {
      hamburger.classList.add('is-active');
      slideDown(menuModal);
   } else {
      hamburger.classList.remove('is-active');
      slideUp(menuModal);
   }
})

function slideUp(el) {
   var classCounter = 1;
   el.style.transition = 'all .5s ease-in-out';
   el.style.height = '0';
   el.style.background = 'transparent';
   for (let link of menuModalLinks) {
```

```
            link.style.display = 'none';
            link.classList.remove(`slideInOnClick${classCounter}`);
            classCounter++;
        }
    }

    function slideDown(el) {
        var classCounter = 1;
        el.style.transition = 'all .5s ease-in-out';
        el.style.height = '100vh';
        el.style.background = '#FFF';
        for (let link of menuModalLinks) {
            link.style.display = 'inline-block';
            link.classList.add(`slideInOnClick${classCounter}`);
            classCounter++;
        }
    }

    if (window.location.pathname == '/index.html' || window.location.pathname == '/') {
        var iconDiv = document.querySelectorAll('.icon-wrapper');
        var textDiv = document.querySelectorAll('.text-wrapper');

        for (let i = 0; i < textDiv.length; i++) {
            let height = textDiv[i].offsetHeight;
            iconDiv[i].style.height = height+"px";
        }
    }

    if (window.location.pathname == '/store.html') {
        productsInCart = getItemFromLocalStorage('cart');

        let brands = [];
        let types = [];
        let categories = [];
        let products = [];
        var productsInCart = [];

        function setItemToLocalStorage(name, data){
            localStorage.setItem(name, JSON.stringify(data));
        }
        function getItemFromLocalStorage(name){
            return JSON.parse(localStorage.getItem(name));
        }

        getData("brands", showBrands);
```

```javascript
    $("#search").keyup(filterChange);
    $("#sort").change(filterChange);
    $("#price-filter").change(filterChange);
    $(".availability").change(filterChange);


    function getData(file, callback){
        $.ajax({
            url: "data/" + file + ".json",
            method: "get",
            dataType: "json",
            success: function(response){
                callback(response);
            },
            error: function(err) {
                alert('An error occurred while getting files.');
            }
        });
    }

    function showBrands(data){
        let html = "";
        data.forEach(brand => {
            html += `<li class="list-group-item">
                    <input type="checkbox" value="${brand.id}" class="brand"
name="brands" /> ${brand.name}
                    </li>`;
        });
        document.getElementById('brandContainer').innerHTML = html;
        brands = data;
        getData("types", showTypes);
    }

    function showTypes(data){
        let html = "";
        data.forEach(type => {
            html += `<li class="list-group-item">
                    <input type="checkbox" value="${type.id}" class="type"
name="types" /> ${type.name}
                    </li>`;
        });
        document.getElementById('typeContainer').innerHTML = html;
        types = data;
        getData("categories", showCategories);
```

```
    }

    function showCategories(data){
        let html = "";
        data.forEach(category => {
            html += `<li class="list-group-item">
                    <input type="checkbox" value="${category.id}" class="category"
name="categories" /> ${category.name}
                </li>`;
        });
        document.getElementById('categoryContainer').innerHTML = html;
        categories = data;
        getData("countries", showCountries);
    }

    function showCountries(data) {
        let html = '<option value="choose" selected>Choose...</option>';
        for (c of data) {
            html += `<option value="${c.name}">${c.name}</option>`
        }
        document.getElementById('country').innerHTML = html;
        country.addEventListener('change', checkCountry);
        country.addEventListener('blur', checkCountry);
        $(".brand").change(filterChange);
        $(".type").change(filterChange);
        $(".category").change(filterChange);
        getData("products", showProducts);
    }

    function ispisCarta() {
        let html = '';
        productsInCart = getItemFromLocalStorage("cart");
        if(productsInCart){
            for (let product of productsInCart) {
                for (let item of products){
                    if (product.id == item.id) {
                        html += `
                    <div class="card border-0 item-in-cart" data-id="${product.id}">
                        <div class="card-body">
                            <div class="d-flex justify-content-between align-items-end">
                                <img src="img/${item.photo.src}.png" class="img-in-cart w-
100" alt="">
                                <button data-id="${product.id}" class="btn btn-outline-
danger remove-from-cart">
                                    <i class="fas fa-trash-alt"></i>
```

```
                    </button>
                  </div>
                  <p class="mt-3">
                    ${item.name}
                  </p>
                  <div class="d-flex justify-content-between align-items-end">
                    <div class="form-row">
                      <button class="btn btn-outline-primary quantity-minus">
                        <i class="fas fa-minus"></i>
                      </button>
                      <input type="number" class="form-control w-25 mx-2
quantity" unitPrice="${item.price.currentPrice}" value="1" min="1">
                      <button class="btn btn-outline-primary quantity-plus">
                        <i class="fas fa-plus"></i>
                      </button>
                    </div>
                    <p class="mb-0">$ <span class="item-in-cart-cost">$
{item.price.currentPrice}</span></p>
                  </div>
                  <hr>
                </div>
              </div>`;
        }
      }
      document.getElementById('cart').innerHTML = html;
      $(".remove-from-cart").click(removeFromCart);
      function removeFromCart(){
          let deleteItem = $(this).data("id");
          let newArray = [];
          for(let p of productsInCart){
              if(p.id == deleteItem){
                  continue;
              }
              newArray.push(p);
          }
          productsInCart = newArray;
          setItemToLocalStorage("cart", productsInCart);
          $(this).parentsUntil("#cart").remove();
          if (productsInCart.length > 0) {
              cartTotal();
              ispisCarta();
              cartTotalPrice();
          } else {
              cartTotal();
              ispisCarta();
```

```
                $(".total").html("Your cart is empty.");
                document.querySelector('.modal-footer').style.display = 'none';
            }
        }
    }
    } else {
        document.getElementById('cart').innerHTML = html;
    }
}


function showProducts(data) {
    data = search(data);
    data = brandsFilter(data);
    data = typesFilter(data);
    data = categoriesFilter(data);
    data = availabilityFilter(data);
    data = sort(data);
    data = filterByPrice(data);
    let html = "";
    for(let product of data){
        html+= `
        <div class="product">
            <div class="product-info">
                <img class="w-100 product-photo" src="img/${product.photo.src}.png"
alt="${product.photo.alt}" />
                <h3 class="product-brand">${checkBrand(product.brandID)}</h3>
                <p class="product-name">${product.name}</p>
                <h4 class="product-price">$${product.price.currentPrice}</h4>
                <p>${checkPrice(product.price.oldPrice)}</p>
                <p>Categories: ${checkCategories(product.categories)}</p>
                ${checkAvailability(product.availability)}
            </div>
            <div class="actions">
                <button class="button${checkAddToCart(product.availability)} data-
id="${product.id}">
                    <span>Add to cart</span>
                    <div class="cart">
                        <svg viewBox="0 0 36 26">
                            <polyline points="1 2.5 6 2.5 10 18.5 25.5 18.5 28.5 7.5 7.5
7.5"></polyline>
                            <polyline points="15 13.5 17 15.5 22 10.5"></polyline>
                        </svg>
                    </div>
                </button>
            </div>
```

```
            </div>
            `;
        }
    if(data.length < 1) {
        html = `
                <div id="no-results-found">
                    <img clas="w-100 margin-top" src="img/no-results.jpg" alt="No
results found." />
                    <p class="text-center font-weight-bold w-100">No available
products</p>
                </div>
            `;
    }
    $("#products-wrapper").html(html);
    products = data;
    $(".add-to-cart").click(function () {
        productsInCart = getItemFromLocalStorage("cart");
        let currentItemId = $(this).data("id");
        if (productsInCart != undefined && productsInCart && productsInCart.length !
= 0) {

            if (alreadyAdded()) {
                document.getElementById('alreadyInCart').style.transition = 'all 1s ease-
in-out';

                document.getElementById('alreadyInCart').style.top = '20px';
                setTimeout(`document.getElementById('alreadyInCart').style.top = '-
500px'`, 2000);
            } else {
                addNew();
                addToCartAnimation(this);
            }
        } else {
            addFirst();
            addToCartAnimation(this);
        }
        function addFirst(){
            let newProductArray = [];
            newProductArray.push({
                id:currentItemId,
                quantity: 1
            });
            setItemToLocalStorage('cart', newProductArray);
        }
        function alreadyAdded(){
            let count = 0;
            for(let p of productsInCart){
```

```
            if(p.id == currentItemId){
                count++;
            }
        }
        return count;
    }
    function addNew(){
        productsInCart.push({
            id: currentItemId,
            quantity: 1
        });
        setItemToLocalStorage("cart", productsInCart);
    }

});

$("#cart").delegate(".quantity-plus","click",function () {

    let q =$(this).siblings(".quantity").val();
    let p = $(this).siblings(".quantity").attr("unitPrice");
    let newQ = Number(q)+1;
    let newCost = p * newQ;
    $(this).siblings(".quantity").val(newQ);
    $(this).parent().siblings("p").find(".item-in-cart-
cost").html(newCost.toFixed(2));
    cartTotal();
    cartTotalPrice();
})

$("#cart").delegate(".quantity-minus","click",function () {

    let q =$(this).siblings(".quantity").val();
    let p = $(this).siblings(".quantity").attr("unitPrice");
    if(q>1){

    let newQ = Number(q)-1;
    let newCost = p * newQ;
    $(this).siblings(".quantity").val(newQ);
    $(this).parent().siblings("p").find(".item-in-cart-
cost").html(newCost.toFixed(2));
        cartTotal();
        cartTotalPrice();
    }

})
```

```javascript
    $("#cart").delegate(".quantity","keyup change",function () {

        let q =$(this).val();
        let p = $(this).attr("unitPrice");
        if(q>1){

            let newQ = Number(q);
            let newCost = p * newQ;
            $(this).val(newQ);
            $(this).parent().siblings("p").find(".item-in-cart-
cost").html(newCost.toFixed(2));
            cartTotal();
            cartTotalPrice();

        } else {
            alert("more than one");
        }

    });
}

function checkBrand(id) {
    let html = '';
    for (let brand of brands) {
        if (id == brand.id) {
            html = brand.name;
        }
    }
    return html;
}

function checkPrice(price) {
    let html = '';
    if (price == null) {
        html = ``;
    } else {
        html = '$'+price;
    }
    return html;
}

function checkCategories(ids){
    let html = "";
    let productCategories = categories.filter(c => ids.includes(c.id));
```

```javascript
    for(let i in productCategories){
       html += productCategories[i].name;
       if(i != productCategories.length - 1){
          html += ", ";
       }
    }
    return html;
}

function checkAvailability(availability) {
    let html = '';
    if (availability) {
       html = `<p class="text-success">Available</p>`;
    } else {
       html = `<p class="text-danger">Not available</p>`;
    }
    return html;
}

function checkAddToCart(availability) {
    let html = '';
    if (availability) {
       html = ' add-to-cart"';
    } else {
       html = ' add-to-cart" disabled';
    }
    return html;
}

function search(data){
    let searchInput = $("#search").val().toLowerCase();
    if(searchInput) {
       return data.filter(function(element) {
          return element.name.toLowerCase().indexOf(searchInput) !== -1;
       })
    }
    return data;
}

function sort(data){
    const sortType = document.getElementById('sort').value;
    if(sortType == 'asc'){
       return data.sort((a,b) => a.price.currentPrice > b.price.currentPrice ? 1 : -1);
    } else if (sortType == 'desc') {
       return data.sort((a,b) => a.price.currentPrice < b.price.currentPrice ? 1 : -1);
```

```javascript
    } else if (sortType == 'name') {
        return data.sort((a,b ) => a.name > b.name ? 1 : -1);
    }
  }

  function filterByPrice(data){
      const filterType = document.getElementById("price-filter").value;
      if (filterType == '1') {
          return data.filter(x => x.price.currentPrice <= 100);
      } else if (filterType == '2') {
          return data.filter(x => x.price.currentPrice > 100 && x.price.currentPrice <
300);
      } else if (filterType == '3') {
          return data.filter(x => x.price.currentPrice > 300);
      } else {
          return data;
      }
  }

  function brandsFilter(data){
      let selectedBrands = [];
      $('.brand:checked').each(function(el) {
          selectedBrands.push(parseInt($(this).val()));
      });
      if (selectedBrands.length != 0) {
          return data.filter(x => selectedBrands.includes(x.brandID));
      }
      return data;
  }

  function typesFilter(data){
      let selectedTypes = [];
      $('.type:checked').each(function(el) {
          selectedTypes.push(parseInt($(this).val()));
      });
      if (selectedTypes.length != 0) {
          return data.filter(x => selectedTypes.includes(x.typeID));
      }
      return data;
  }

  function categoriesFilter(data){
      let selectedCategories = [];
      $('.category:checked').each(function(el){
          selectedCategories.push(parseInt($(this).val()));
```

```
        });
        if (selectedCategories.length != 0){
            return data.filter(x => x.categories.some(y =>
selectedCategories.includes(y)));
        }
        return data;
    }

    function availabilityFilter(data){
        let availability = $(".availability:checked").val();
        if (availability == "all") {
            return data;
        }
        if (availability == "available") {
            return data.filter(x => x.availability);
        } if (availability == "unavailable") {
            return data.filter(x => !x.availability);
        }
        return data;
    }

    function filterChange(){
        getData("products", showProducts);
    }

    var showFilters = document.getElementById('show-filters');
    var apply = document.getElementById('apply');

    showFilters.addEventListener('click', () => {
        document.getElementById('filters-wrapper').classList.add('filterNarrow');
    });

    apply.addEventListener('click', () => {
        document.getElementById('filters-wrapper').classList.remove('filterNarrow');
        document.getElementById('filters-wrapper').classList.add('filterNarrowOff');
    });

    var openCart = document.getElementById('open-cart');

    function cartTotal(){
        productsInCart = getItemFromLocalStorage("cart");

        if(productsInCart){
            let count = productsInCart.length;
            $(".item-in-cart-count").html(count);
```

```javascript
        }
        else{
            $(".item-in-cart-count").html(0);
        }


    }
    function cartTotalPrice() {
        if (localStorage.getItem("cart") !== null || !productsInCart) {
            let totalCost = $(".item-in-cart-
cost").toArray().map(el=>el.innerHTML).reduce((x,y)=>Number(x)+Number(y));
            $(".total").html(`

            <div class="d-flex justify-content-between font-weight-bold px-3">
                <h4>Total</h4>
                <h4>$ <span class="cart-cost-total">$
{Number(totalCost).toFixed(2)}</span></h4>
            </div>

            `)
        } else {
            $(".total").html("Your cart is empty.");
        }
    }

    openCart.addEventListener('click', () => {
        productsInCart = getItemFromLocalStorage('cart');
        if (localStorage.getItem("cart") !== null && productsInCart.length > 0) {
            console.log('ok')
            cartTotal();
            ispisCarta();
            cartTotalPrice();
            document.querySelector('.modal-footer').style.display = 'block';
        } else {
            $(".total").html("Your cart is empty.");
            document.querySelector('.modal-footer').style.display = 'none';
        }

    })

    $("#clear-cart").click(() => {
        localStorage.removeItem("cart");
        cartTotal();
        ispisCarta();
        $(".total").html("Your cart is empty.");
    });
```

```javascript
    function addToCartAnimation(el) {
      if(!el.classList.contains('loading')) {
        el.classList.add('loading');
         setTimeout(() =>el.classList.remove('loading'), 3700);
      }
    }



    //PROVERA FORME



    var fullName = document.getElementById('name');
    var nameHelp = document.getElementById('nameHelp');

    var email = document.getElementById('email');
    var emailHelp = document.getElementById('emailHelp');

    var city = document.getElementById('city');
    var cityHelp = document.getElementById('cityHelp');

    var address = document.getElementById('address');
    var addressHelp = document.getElementById('addressHelp');

    var checkbox = document.getElementById('checkbox-agree');
    var checkboxHelp = document.getElementById('checkboxHelp');


    var nameApprove = false;
    var emailApprove = false;
    var countryApprove = false;
    var cityApprove = false;
    var addressApprove = false;
    var checkboxApprove = false;

    var nameRegex = /^[A-ZČĆŽĐŠ][a-zćčžđš]{1,14}\s([A-ZČĆŽĐŠ][a-zćčžđš]
{1,14})?\s?[A-ZČĆŽŠĐ][a-zćčžđš]{1,19}$/;
    var emailRegex = /^\w+([\.-]?\w+)*@\w+([\.-]?\w+)*(\.\w{2,3})+$/;
    var cityRegex = /^[a-zA-Z\u0080-\u024F]+(?:([\ \-\']|(\.\ ))[a-zA-Z\u0080-\u024F]
+)*$/;
    var addressRegex = /^[A-Za-z0-9\s/-]{5,}$/;
```

```javascript
    function checkName() {
       if (fullName.value.match(nameRegex)) {
          nameHelp.textContent = "";
          fullName.classList.remove('error');
          fullName.classList.add('success');
          nameApprove = true;
       } else if (fullName.value.length < 1) {
          nameHelp.textContent = "Field can't be empty.";
          fullName.classList.remove('success');
          fullName.classList.add('error');
          nameApprove = false;
       } else {
          nameHelp.textContent = "First and last name have to start with a capital
letter - Danilo Draskovic";
          fullName.classList.remove('success');
          fullName.classList.add('error');
          nameApprove = false;
       }
    }

    function checkEmail() {
       if (email.value.match(emailRegex)) {
          emailHelp.textContent = "";
          email.classList.remove('error');
          email.classList.add('success');
          emailApprove = true;
       } else if (email.value.length < 1) {
          emailHelp.textContent = "Field can't be empty.";
          email.classList.remove('success');
          email.classList.add('error');
          emailApprove = false;
       } else {
          emailHelp.textContent = "Enter a valid email - danilodraskovic@gmail.com";
          email.classList.remove('success');
          email.classList.add('error');
          emailApprove = false;
       }
    }

    function checkCountry() {
       let selectedValue = country.options[country.selectedIndex].value;
       console.log = selectedValue;
       if (selectedValue == "choose") {
          country.classList.remove('success');
          country.classList.add('error');
```

```javascript
          countryHelp.textContent = "Please choose the country of your question";
          countryApprove = false;
      } else {
          country.classList.remove('error');
          country.classList.add('success');
          countryHelp.textContent = "";
          countryApprove = true;
      }
  }

  function checkCity() {
      if (city.value.match(cityRegex)) {
          cityHelp.textContent = "";
          city.classList.remove('error');
          city.classList.add('success');
          cityApprove = true;
      } else if (city.value.length < 1) {
          cityHelp.textContent = "Field can't be empty.";
          city.classList.remove('success');
          city.classList.add('error');
          cityApprove = false;
      } else {
          cityHelp.textContent = "Enter a valid city - Obrenovac";
          city.classList.remove('success');
          city.classList.add('error');
          cityApprove = false;
      }
  }

  function checkAddress() {
      if (address.value.match(addressRegex)) {
          addressHelp.textContent = "";
          address.classList.remove('error');
          address.classList.add('success');
          addressApprove = true;
      } else if (address.value.length < 1) {
          addressHelp.textContent = "Field can't be empty.";
          address.classList.remove('success');
          address.classList.add('error');
          addressApprove = false;
      } else {
          addressHelp.textContent = "Enter a valid address - Kralja Aleksandra 20";
          address.classList.remove('success');
          address.classList.add('error');
          addressApprove = false;
```

```javascript
        }
    }

    function checkCheckbox() {
        if (checkbox.checked) {
            checkbox.classList.add('success');
            checkboxApprove = true;
            checkboxHelp.textContent = ""
        } else {
            checkbox.classList.remove('success');
            checkbox.classList.add('error');
            checkboxApprove = false;
            checkboxHelp.textContent = "This field is mandatory."
        }
    }

    fullName.addEventListener('keyup', checkName);
    fullName.addEventListener('blur', checkName);

    email.addEventListener('keyup', checkEmail);
    email.addEventListener('blur', checkEmail);

    country.addEventListener('change', checkCountry);
    country.addEventListener('blur', checkCountry);

    city.addEventListener('keyup', checkCity);
    city.addEventListener('blur', checkCity);

    address.addEventListener('keyup', checkAddress);
    address.addEventListener('blur', checkAddress);

    checkbox.addEventListener('change', checkCheckbox);

    document.getElementById('form').addEventListener('submit', (e) => {
        e.preventDefault();
        checkName();
        checkEmail();
        checkCountry();
        checkCity();
        checkAddress();
        checkCheckbox();
        if (nameApprove && emailApprove && countryApprove && cityApprove &&
addressApprove && checkboxApprove) {
            localStorage.removeItem("cart");
            document.querySelector('.modal-footer').innerHTML = `
```

```
            <div id="order-completed">
              <div id="order-completed-inner">
                <i class="fa-solid fa-truck-ramp-box"></i>
                <h2 class="text-center text-success">Your order is on the way</h2>
              </div>
            </div>
        `

        setTimeout("location.reload(true);", 1500);
    }
  });
}

if (window.location.pathname == '/contact.html') {
    var fullName = document.getElementById('name');
    var nameHelp = document.getElementById('nameHelp');

    var email = document.getElementById('email');
    var emailHelp = document.getElementById('emailHelp');

    var subject = document.getElementById('subject');
    var subjectHelp = document.getElementById('subjectHelp');

    var address = document.getElementById('address');

    var message = document.getElementById('message');
    var messageHelp = document.getElementById('messageHelp');

    var checkbox = document.getElementById('checkbox-agree');
    var checkboxHelp = document.getElementById('checkboxHelp');


    var nameApprove = false;
    var emailApprove = false;
    var subjectApprove = false;
    var messageApprove = false;
    var checkboxApprove = false;

    var nameRegex = /^[A-ZČĆŽĐŠ][a-zćčžđš]{1,14}\s([A-ZČĆŽĐŠ][a-zćčžđš]
{1,14})?\s?[A-ZČĆŽŠĐ][a-zćčžđš]{1,19}$/;
    var emailRegex = /^\w+([\.-]?\w+)*@\w+([\.-]?\w+)*(\.\w{2,3})+$/;


    function checkName() {
        if (fullName.value.match(nameRegex)) {
            nameHelp.textContent = "";
```

```
         fullName.classList.remove('error');
         fullName.classList.add('success');
         nameApprove = true;
      } else if (fullName.value.length < 1) {
         nameHelp.textContent = "Field can't be empty.";
         fullName.classList.remove('success');
         fullName.classList.add('error');
         nameApprove = false;
      } else {
         nameHelp.textContent = "First and last name have to start with a capital
letter - Danilo Draskovic";
         fullName.classList.remove('success');
         fullName.classList.add('error');
         nameApprove = false;
      }
   }

   function checkEmail() {
      if (email.value.match(emailRegex)) {
         emailHelp.textContent = "";
         email.classList.remove('error');
         email.classList.add('success');
         emailApprove = true;
      } else if (email.value.length < 1) {
         emailHelp.textContent = "Field can't be empty.";
         email.classList.remove('success');
         email.classList.add('error');
         emailApprove = false;
      } else {
         emailHelp.textContent = "Enter a valid email - danilodraskovic@gmail.com";
         email.classList.remove('success');
         email.classList.add('error');
         emailApprove = false;
      }
   }

   function checkSubject() {
      let selectedValue = subject.options[subject.selectedIndex].value;
      if (selectedValue == "choose") {
         subject.classList.remove('success');
         subject.classList.add('error');
         subjectHelp.textContent = "Please choose the subject of your question";
         subjectApprove = false;
      } else {
         subject.classList.remove('error');
```

```javascript
        subject.classList.add('success');
        subjectHelp.textContent = "";
        subjectApprove = true;
    }
}

function checkMessage() {
    if (message.value < 1) {
        messageHelp.textContent = "Field can't be empty.";
        message.classList.remove('success');
        message.classList.add('error');
        messageApprove = false;
    } else {
        messageHelp.textContent = "";
        message.classList.remove('error');
        message.classList.add('success');
        messageApprove = true;
    }
}

function checkCheckbox() {
    if (checkbox.checked) {
        checkbox.classList.add('success');
        checkboxApprove = true;
        checkboxHelp.textContent = ""
    } else {
        checkbox.classList.remove('success');
        checkbox.classList.add('error');
        checkboxApprove = false;
        checkboxHelp.textContent = "This field is mandatory."
    }
}

fullName.addEventListener('keyup', checkName);
fullName.addEventListener('blur', checkName);

email.addEventListener('keyup', checkEmail);
email.addEventListener('blur', checkEmail);

subject.addEventListener('change', checkSubject);
subject.addEventListener('blur', checkSubject);

message.addEventListener('blur', checkMessage);

checkbox.addEventListener('change', checkCheckbox);
```

```javascript
    document.getElementById('form').addEventListener('submit', (e) => {
        e.preventDefault();
        checkName();
        checkEmail();
        checkSubject();
        checkMessage();
        checkCheckbox();
        if (nameApprove && emailApprove && subjectApprove && messageApprove &&
checkboxApprove) {
            document.getElementById('contact-modal').style.transition = 'all 1s ease-in-
out';
            document.getElementById('contact-modal').style.top = '20px';
            setTimeout(`document.getElementById('contact-modal').style.top = '-500px'`,
2500);
            setTimeout("location.reload(true);", 3000);
        }
    });
    }
}
```

3.4. Data
3.4.1. brands.json

```json
[
  {
    "id": 1,
    "name": "Philips"
  },
  {
    "id": 2,
    "name": "Samsung"
  },
  {
    "id": 3,
    "name": "HP"
  },
  {
    "id": 4,
    "name": "Dell"
  },
  {
```

```json
    "id": 5,
    "name": "Logitech"
  }
]
```

3.4.2. categories.json

```json
[
  {

    "id": 1,
    "name": "Gaming"
  },
  {

    "id": 2,
    "name": "Office"
  },
  {

    "id": 3,
    "name": "Graphic design"
  },
  {

    "id": 4,
    "name": "All-around"
  }
]
```

3.4.3. countries.json

JSON fajl sa svim državama korišćen za ispis država u padajuću listu je sa interneta i radi čitljivosti dokumentacije nalaziće se samo link do fajla.

https://gist.github.com/keeguon/2310008

3.4.4. types.json

```json
    [

  {
```

```json
    "id": 1,
    "name": "Monitor"
  },
  {
    "id": 2,
    "name": "Mouse"
  },
  {

    "id": 3,
    "name": "Headphones"
  },
  {
    "id": 4,
    "name": "Keyboard"
  }
]
```

3.4.5. products.json

```json
[
  {
    "id": 1,
    "name": "PHILIPS LED V Line series - 273V7QDSB/00",
    "brandID": 1,
    "categories": [2, 3],
    "typeID": 1,
    "price": {
      "oldPrice": 240,
      "currentPrice": 200
    },
    "availability": true,
    "photo": {
      "src": "monitor1",
      "alt": "PHILIPS LED V Line serija - 273V7QDSB/00"
    }
  },
  {
    "id": 2,
    "name": "HP Gaming keyboard OMEN SEQUENCER US (Black) 2VN99AA",
    "brandID": 3,
    "categories": [1],
```

```
      "typeID": 4,
      "price": {
        "oldPrice": 200,
        "currentPrice": 150
      },
      "availability": true,
      "photo": {
        "src": "keyboard1",
        "alt": "HP Gaming keyboard OMEN SEQUENCER US (Black) 2VN99AA"
      }
    },
    {
      "id": 3,
      "name": "DELL Wired mouse MS116 (Black)",
      "brandID": 4,
      "categories": [2],
      "typeID": 2,
      "price": {
        "oldPrice": null,
        "currentPrice": 13
      },
      "availability": true,
      "photo": {
        "src": "mouse1",
        "alt": "DELL Wired mouse MS116 (Black)"
      }
    },
    {
      "id": 4,
      "name": "SAMSUNG Wireless earphones GALAXY BUDS LIVE TWS (Black)
SMR180NZKAEUG",
      "brandID": 2,
      "categories": [4],
      "typeID": 3,
      "price": {
        "oldPrice": 230,
        "currentPrice": 150
      },
      "availability": false,
      "photo": {
        "src": "headphones1",
        "alt": "SAMSUNG Wireless earphones GALAXY BUDS LIVE TWS (Black)
SMR180NZKAEUG"
      }
    },
```

```json
  {
    "id": 5,
    "name": "PHILIPS Wireless headphones TAH4205BL/00 (Blue)",
    "brandID": 1,
    "categories": [4, 2],
    "typeID": 3,
    "price": {
      "oldPrice": null,
      "currentPrice": 60
    },
    "availability": true,
    "photo": {
      "src": "headphones2",
      "alt": "PHILIPS Wireless headphones TAH4205BL/00 (Blue)"
    }
  },
  {
    "id": 6,
    "name": "HP Gaming mouse OMEN REACTOR 2VP02AA",
    "brandID": 3,
    "categories": [1, 3],
    "typeID": 2,
    "price": {
      "oldPrice": null,
      "currentPrice": 70
    },
    "availability": true,
    "photo": {
      "src": "mouse2",
      "alt": "HP Gaming mouse OMEN REACTOR 2VP02AA"
    }
  },
  {
    "id": 7,
    "name": "LOGITECH Wireless keyboards MX KEYS US (Graphite-Black) 920-009415",
    "brandID": 5,
    "categories": [2, 3],
    "typeID": 4,
    "price": {
      "oldPrice": 200,
      "currentPrice": 150
    },
    "availability": true,
    "photo": {
```

```json
      "src": "keyboard2",
      "alt": "LOGITECH Wireless keyboards MX KEYS US (Graphite-Black) 920-009415"
    }
  },
  {
    "id": 8,
    "name": "SAMSUNG Curved monitor 34\" CH89 Premium LC34H890WGRXEN",
    "brandID": 2,
    "categories": [3],
    "typeID": 1,
    "price": {
      "oldPrice": 850,
      "currentPrice": 760
    },
    "availability": true,
    "photo": {
      "src": "monitor2",
      "alt": "SAMSUNG Curved monitor 34\" CH89 Premium LC34H890WGRXEN"
    }
  },
  {
    "id": 9,
    "name": "DELL Gaming monitor 27 144Hz - S2721HGF",
    "brandID": 4,
    "categories": [1],
    "typeID": 1,
    "price": {
      "oldPrice": 470,
      "currentPrice": 430
    },
    "availability": false,
    "photo": {
      "src": "monitor3",
      "alt": "DELL Gaming monitor 27 144Hz - S2721HGF"
    }
  },
  {
    "id": 10,
    "name": "LOGITECH Wireless keyboard K230 US (Black) - 920-003347",
    "brandID": 5,
    "categories": [4],
    "typeID": 4,
    "price": {
      "oldPrice": null,
      "currentPrice": 35
```

```json
    },
    "availability": true,
    "photo": {
      "src": "keyboard3",
      "alt": "LOGITECH Wireless keyboard K230 US (Black) - 920-003347"
    }
  },
  {
    "id": 11,
    "name": "DELL Wireless mouse Premier MS7421W (Gray)",
    "brandID": 4,
    "categories": [2, 4],
    "typeID": 2,
    "price": {
      "oldPrice": null,
      "currentPrice": 100
    },
    "availability": true,
    "photo": {
      "src": "mouse3",
      "alt": "DELL Wireless mouse Premier MS7421W (Gray)"
    }
  },
  {
    "id": 12,
    "name": "SAMSUNG Earphones Basic EO-IA500-BBE (Black)",
    "brandID": 2,
    "categories": [4],
    "typeID": 3,
    "price": {
      "oldPrice": 30,
      "currentPrice": 15
    },
    "availability": true,
    "photo": {
      "src": "headphones3",
      "alt": "SAMSUNG Earphones Basic EO-IA500-BBE (Black)"
    }
  },
  {
    "id": 13,
    "name": "OMEN by HP Gaming monitor 25i IPS 22J05AA",
    "brandID": 3,
    "categories": [1],
    "typeID": 1,
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```json
      "price": {
        "oldPrice": 370,
        "currentPrice": 340
      },
      "availability": true,
      "photo": {
        "src": "monitor4",
        "alt": "OMEN by HP Gaming monitor 25i IPS 22J05AA"
      }
    },
    {
      "id": 14,
      "name": "LOGITECH Wireless keyboard Pop Keys Daydream (White/Purple) 920-
010736",
      "brandID": 5,
      "categories": [2],
      "typeID": 4,
      "price": {
        "oldPrice": null,
        "currentPrice": 130
      },
      "availability": true,
      "photo": {
        "src": "keyboard4",
        "alt": "LOGITECH Wireless keyboard Pop Keys Daydream (White/Purple) 920-
010736"
      }
    },
    {
      "id": 15,
      "name": "PHILIPS Wired headphones Fidelio X3 (Black)",
      "brandID": 1,
      "categories": [4],
      "typeID": 3,
      "price": {
        "oldPrice": 430,
        "currentPrice": 400
      },
      "availability": false,
      "photo": {
        "src": "headphones4",
        "alt": "PHILIPS Wired headphones Fidelio X3 (Black)"
      }
    },
    {
```

```json
    "id": 16,
    "name": "DELL Monitor 24 VA SE2422H",
    "brandID": 4,
    "categories": [2, 4],
    "typeID": 1,
    "price": {
      "oldPrice": 220,
      "currentPrice": 200
    },
    "availability": true,
    "photo": {
      "src": "monitor5",
      "alt": "DELL Monitor 24 VA SE2422H"
    }
  },
  {
    "id": 17,
    "name": "SAMSUNG Gaming monitor 24 VA Odyssey G35TF LF24G35TFWUXEN",
    "brandID": 2,
    "categories": [1, 3],
    "typeID": 1,
    "price": {
      "oldPrice": 330,
      "currentPrice": 300
    },
    "availability": true,
    "photo": {
      "src": "monitor6",
      "alt": "SAMSUNG Gaming monitor 24 VA Odyssey G35TF LF24G35TFWUXEN"
    }
  },
  {
    "id": 18,
    "name": "HP OMEN Gaming keyboard Encoder US (Black) 6YW75AA",
    "brandID": 3,
    "categories": [1],
    "typeID": 4,
    "price": {
      "oldPrice": null,
      "currentPrice": 160
    },
    "availability": true,
    "photo": {
      "src": "keyboard5",
      "alt": "HP OMEN Gaming keyboard Encoder US (Black) 6YW75AA"
```

```json
    }
  },
  {
    "id": 19,
    "name": "LOGITECH Wireless vertical mouse MX VERTICAL 910-005448",
    "brandID": 5,
    "categories": [3],
    "typeID": 2,
    "price": {
      "oldPrice": null,
      "currentPrice": 150
    },
    "availability": true,
    "photo": {
      "src": "mouse4",
      "alt": "LOGITECH Wireless vertical mouse MX VERTICAL 910-005448"
    }
  },
  {
    "id": 20,
    "name": "PHILIPS Monitor 49 P line SuperWide curved VA - 499P9H/00",
    "brandID": 1,
    "categories": [3, 1],
    "typeID": 1,
    "price": {
      "oldPrice": 1800,
      "currentPrice": 1640
    },
    "availability": true,
    "photo": {
      "src": "monitor7",
      "alt": "PHILIPS Monitor 49 P line SuperWide curved VA - 499P9H/00"
    }
  },
  {
    "id": 21,
    "name": "SAMSUNG Monitor 24 IPS LS24A400VEUXEN",
    "brandID": 2,
    "categories": [2, 4],
    "typeID": 1,
    "price": {
      "oldPrice": 330,
      "currentPrice": 300
    },
    "availability": true,
```

```json
      "photo": {
        "src": "monitor8",
        "alt": "SAMSUNG Monitor 24 IPS LS24A400VEUXEN"
      }
    },
    {
      "id": 22,
      "name": "SAMSUNG Wireless earphones Buds Pro TWS (Silver) SM R190 NZS",
      "brandID": 2,
      "categories": [4],
      "typeID": 3,
      "price": {
        "oldPrice": 300,
        "currentPrice": 210
      },
      "availability": true,
      "photo": {
        "src": "headphones5",
        "alt": "SAMSUNG Wireless earphones Buds Pro TWS (Silver) SM R190 NZS"
      }
    },
    {
      "id": 23,
      "name": "DELL Alienware Gaming monitor 24.5 IPS AW2521H",
      "brandID": 4,
      "categories": [1],
      "typeID": 1,
      "price": {
        "oldPrice": 830,
        "currentPrice": 660
      },
      "availability": false,
      "photo": {
        "src": "monitor9",
        "alt": "DELL Alienware Gaming monitor 24.5 IPS AW2521H"
      }
    },
    {
      "id": 24,
      "name": "DELL Wired keyboard MULTIMEDIA KB216 YU-SRB (Black)",
      "brandID": 4,
      "categories": [2],
      "typeID": 4,
      "price": {
        "oldPrice": null,
```

```json
      "currentPrice": 20
    },
    "availability": true,
    "photo": {
      "src": "keyboard6",
      "alt": "DELL Wired keyboard MULTIMEDIA KB216 YU-SRB (Black)"
    }
  },
  {
    "id": 25,
    "name": "HP Wireless mouse Z3700 (Black) V0L79AA",
    "brandID": 3,
    "categories": [3],
    "typeID": 2,
    "price": {
      "oldPrice": null,
      "currentPrice": 22
    },
    "availability": true,
    "photo": {
      "src": "mouse5",
      "alt": "HP Wireless mouse Z3700 (Black) V0L79AA"
    }
  },
  {
    "id": 26,
    "name": "HP Gaming keyboard PAVILION GAMING 800 US (Black) 5JS06AA",
    "brandID": 3,
    "categories": [1],
    "typeID": 4,
    "price": {
      "oldPrice": null,
      "currentPrice": 100
    },
    "availability": false,
    "photo": {
      "src": "keyboard7",
      "alt": "HP Gaming keyboard PAVILION GAMING 800 US (Black) 5JS06AA"
    }
  },
  {
    "id": 27,
    "name": "LOGITECH Wireless mouse Pop Mouse Heartbreaker (Pink) 910-006548",
    "brandID": 5,
    "categories": [2, 4],
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```json
      "typeID": 2,
      "price": {
        "oldPrice": 60,
        "currentPrice": 53
      },
      "availability": true,
      "photo": {
        "src": "mouse6",
        "alt": "LOGITECH Wireless mouse Pop Mouse Heartbreaker (Pink) 910-006548"
      }
    },
    {
      "id": 28,
      "name": "LOGITECH Gaming keyboard G Pro US (Black) 920-009392",
      "brandID": 5,
      "categories": [1],
      "typeID": 4,
      "price": {
        "oldPrice": null,
        "currentPrice": 170
      },
      "availability": true,
      "photo": {
        "src": "keyboard8",
        "alt": "LOGITECH Gaming keyboard G Pro US (Black) 920-009392"
      }
    },
    {
      "id": 29,
      "name": "PHILIPS Wireless headphones TAKH402BL00 (Blue)",
      "brandID": 1,
      "categories": [4],
      "typeID": 3,
      "price": {
        "oldPrice": 100,
        "currentPrice": 75
      },
      "availability": true,
      "photo": {
        "src": "headphones6",
        "alt": "PHILIPS Wireless headphones TAKH402BL00 (Blue)"
      }
    },
    {
      "id": 30,
```

```json
    "name": "PHILIPS Gaming Monitor 27 VA 272E1GAEZ/00",
    "brandID": 1,
    "categories": [1],
    "typeID": 1,
    "price": {
      "oldPrice": 360,
      "currentPrice": 320
    },
    "availability": true,
    "photo": {
      "src": "monitor10",
      "alt": "PHILIPS Gaming Monitor 27 VA 272E1GAEZ/00"
    }
  }
]
```