

Visoka škola strukovnih studija za informacione i komunikacione  
tehnologije



DOKUMENTACIJA

WEB PROGRAMIRANJE 2

Dinamički web sajt

<https://keytech-world.netlify.app/index.html>

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173/20

Smer: Internet tehnologije

Modul: Web Programiranje

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# 1 Uvod

## 1.1 Korišćeni programski jezici i tehnologije

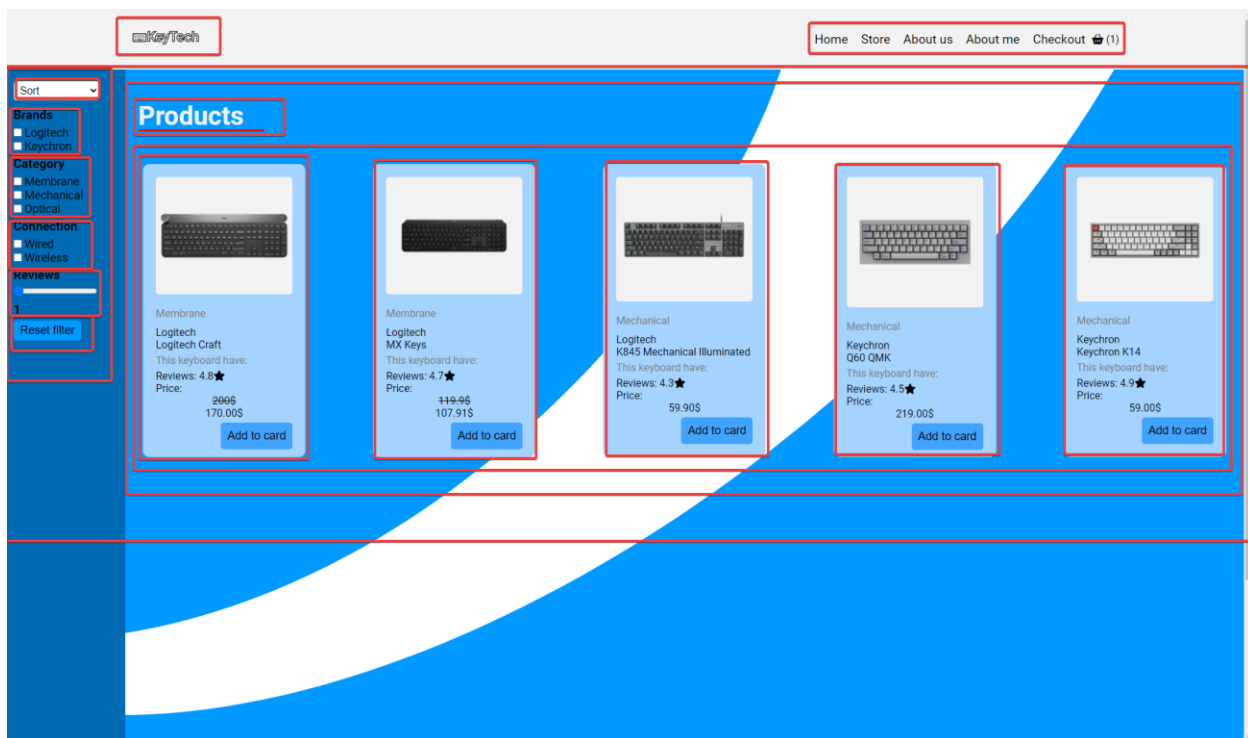
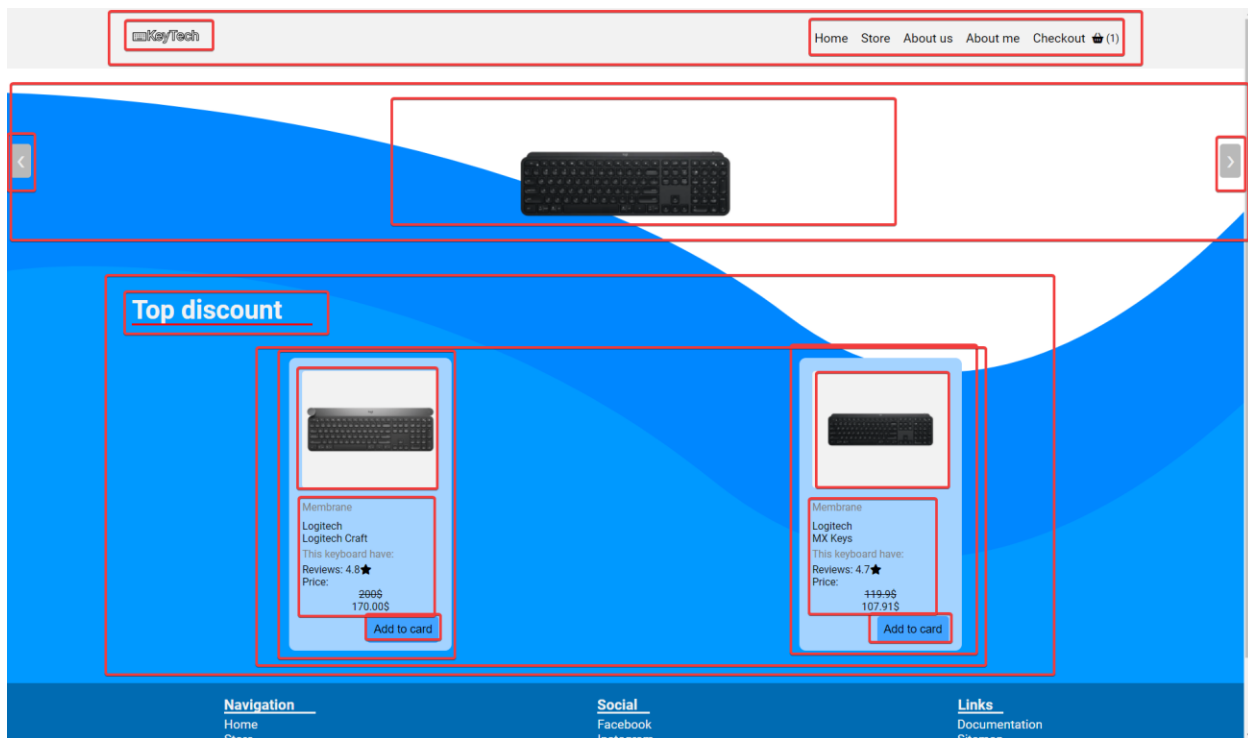
- Za izradu sajta su korišćeni: HTML, CSS, JavaScript, Ajax, XML.

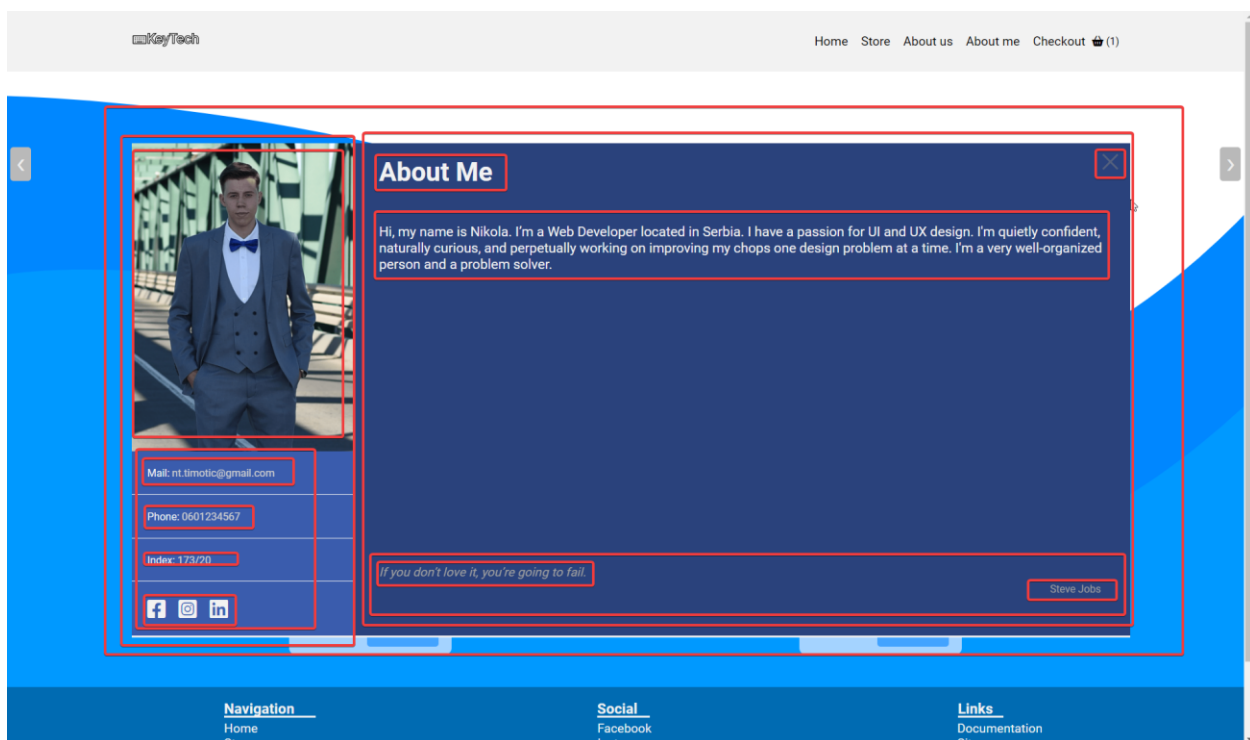
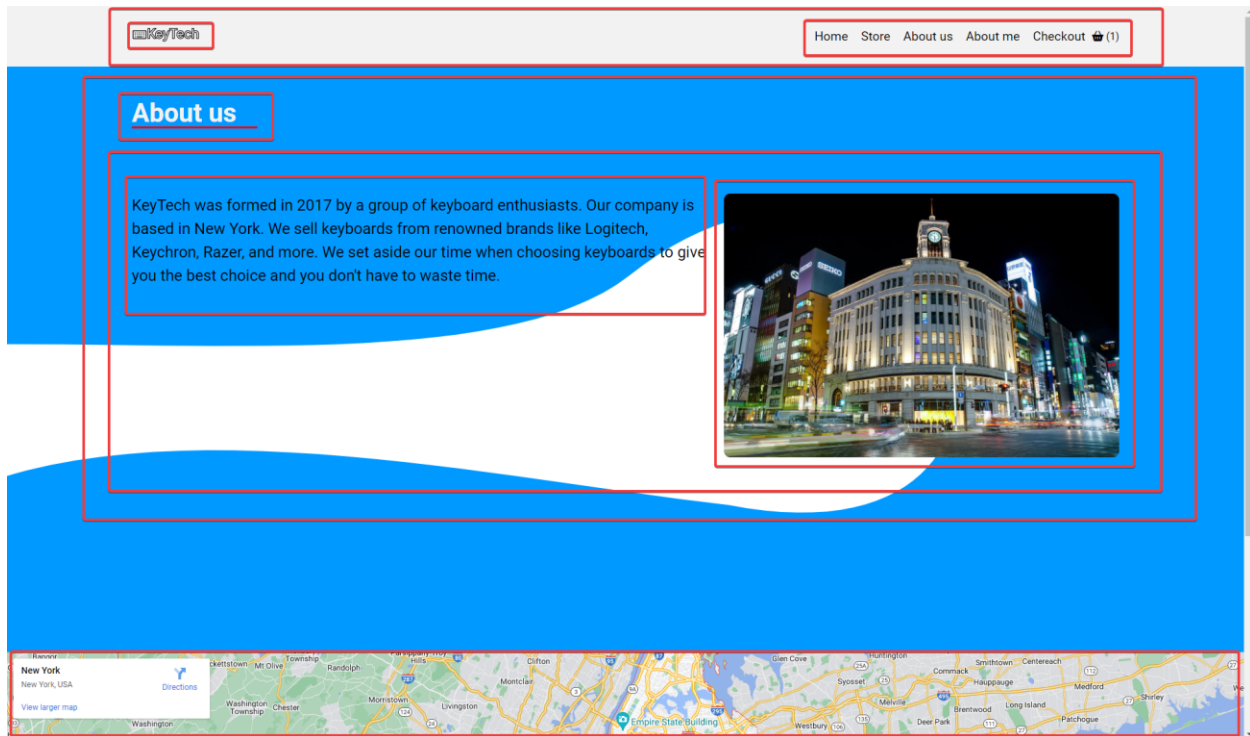
## 1.2 Opis funkcionalnosti

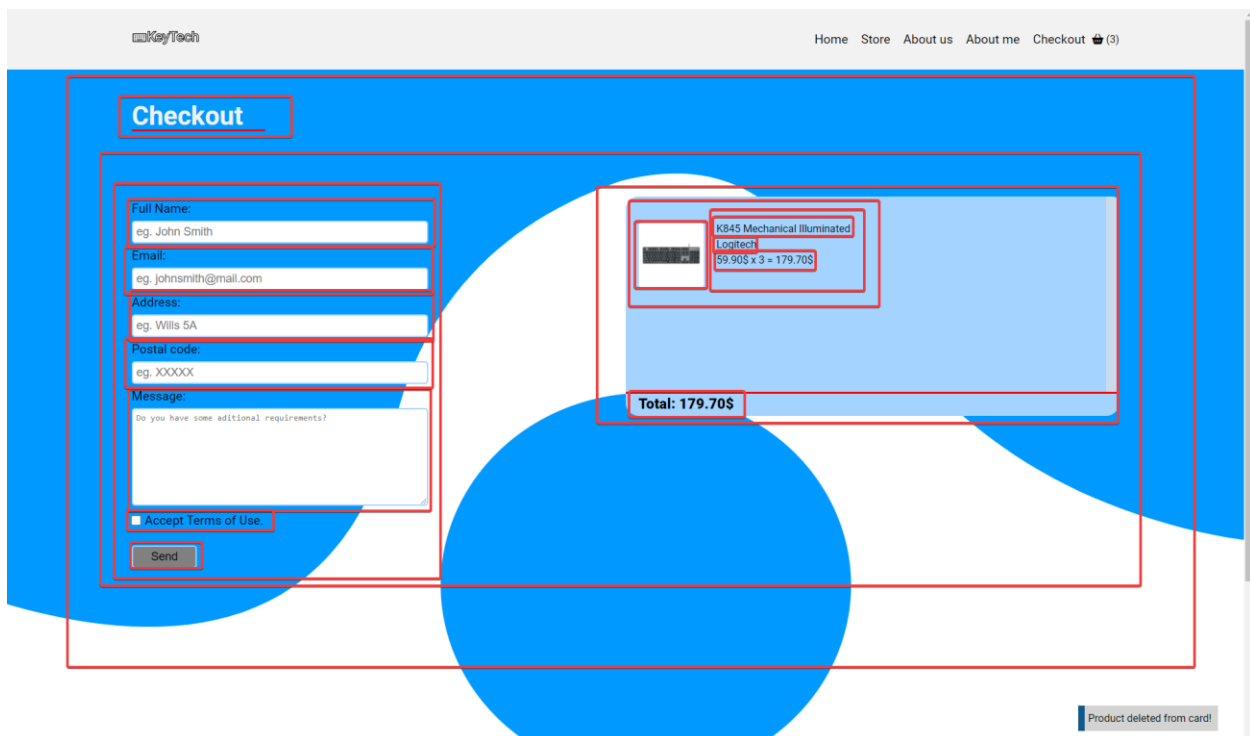
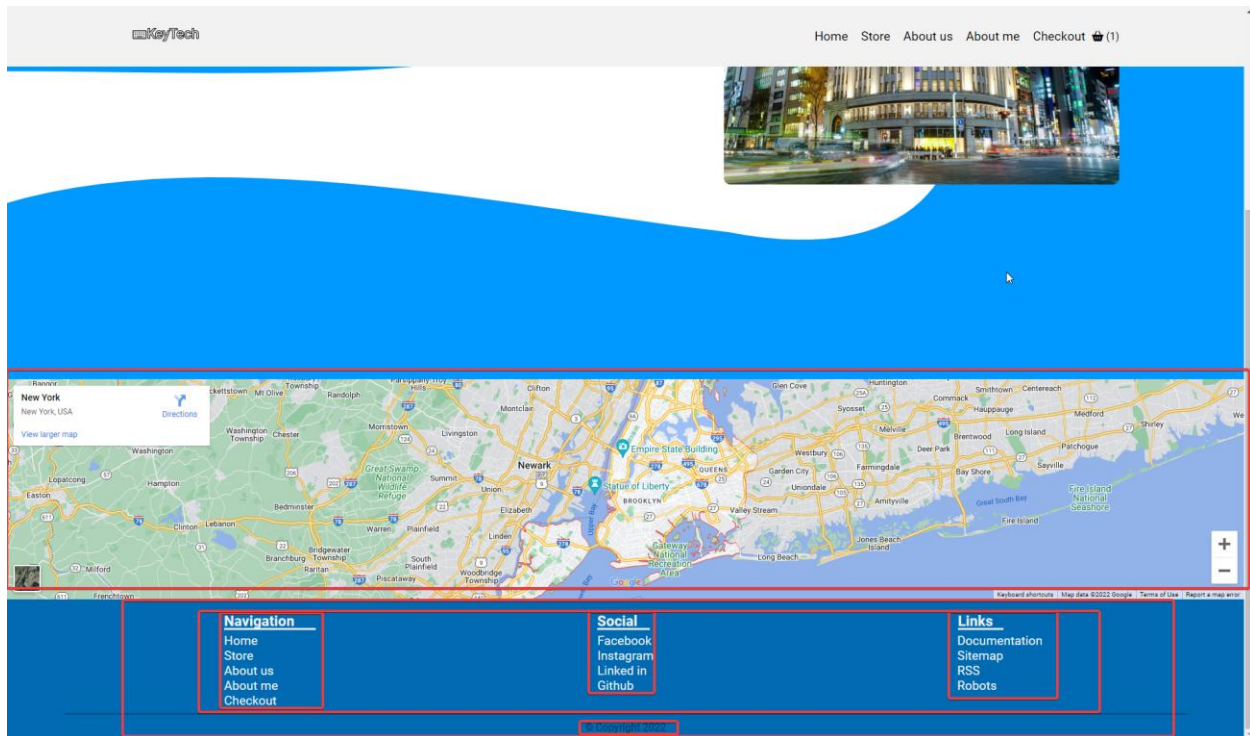
- Dinamičko kreiranje i ispisivanje menia korišćenjem Ajax zahteva;
- Dinamičko kreiranje i ispisivanje footer-a korišćenjem Ajax zahteva;
- Dinamičko kreiranje i ispisivanje proizvoda korišćenjem Ajax zahteva;
- Dinamičko kreiranje i ispisivanje kategorija proizvoda korišćenjem Ajax zahteva;
- Interaktivni slajder;
- Sinhronizovano filtriranje proizvoda po kategoriji, tipu, ocenama i načinu povezivanja;
- Sortiranja proizvoda po: imenu opadajućem, imenu rastućem, ceni opadajućem, ceni rastućem, ocenama opadajućem i ocenama rastućem redosledu.
- Dinamičko ispisivanje i izračunavanje cene na osnovu zadatog popusta.
- Dinamičko ispisivanje "Top discount" ponude.
- Interaktivna korpa koja radi sa "LocalStorage".
- Ispisivanje broja proizvoda u korpi.
- Ispisivanje količine dodatih primeraka nekog proizvoda.
- Interaktivna promena količine odabranog proizvoda klikom na "+", odnosno "-" dugme koje se nalazi unutar korpe.
- Brisanje pojedinačnih i svih proizvoda iz korpe.
- Korišćenje modala za ispisivanje "About me" sekcije.
- Dinamičko ispisivanje citata i autora unutar "About me" sekcije.
- Interaktivni meni za mobilne uređaje.
- Forma za kupovinu proizvoda.
- Obaveštenje prilikom dodavanja proizvoda u korpu, brisanje, kupovina i greške ukoliko je taj proizvod već u korpi, odnosno, ako je mejl već poslat.

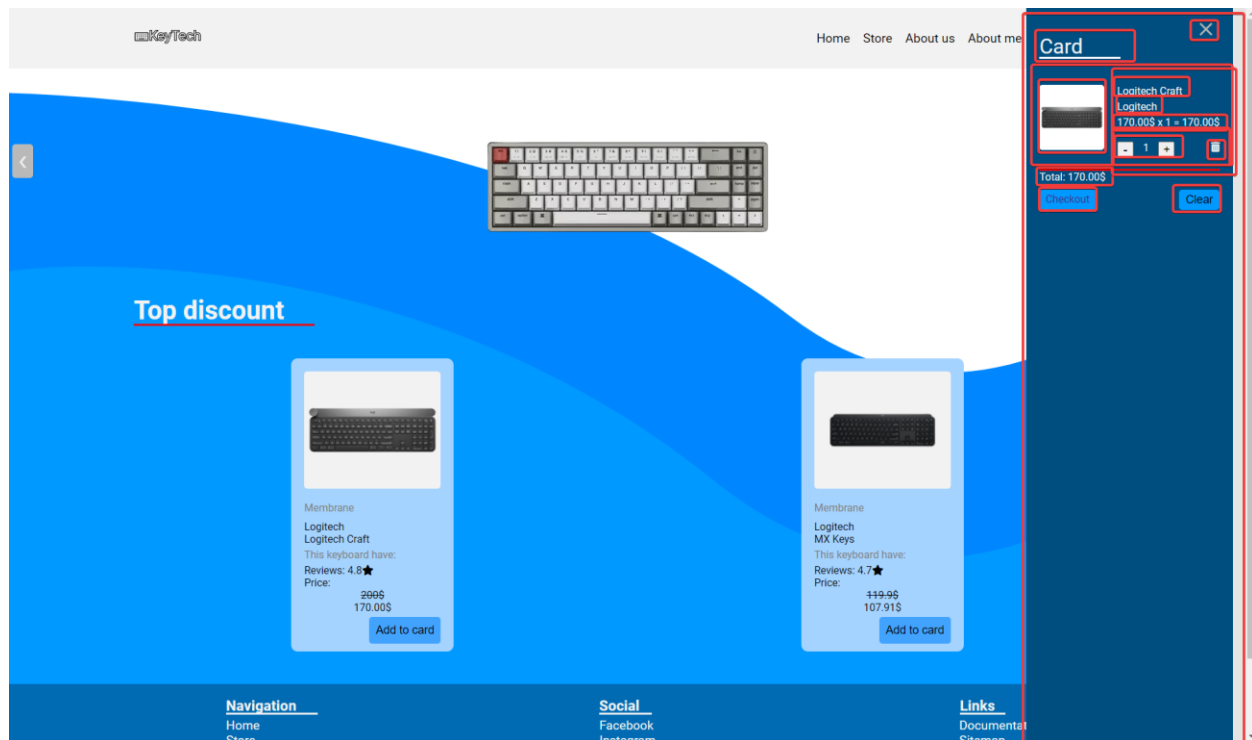
## 1.3 Template

- Za izradu sajta nije korišćen templatejt.



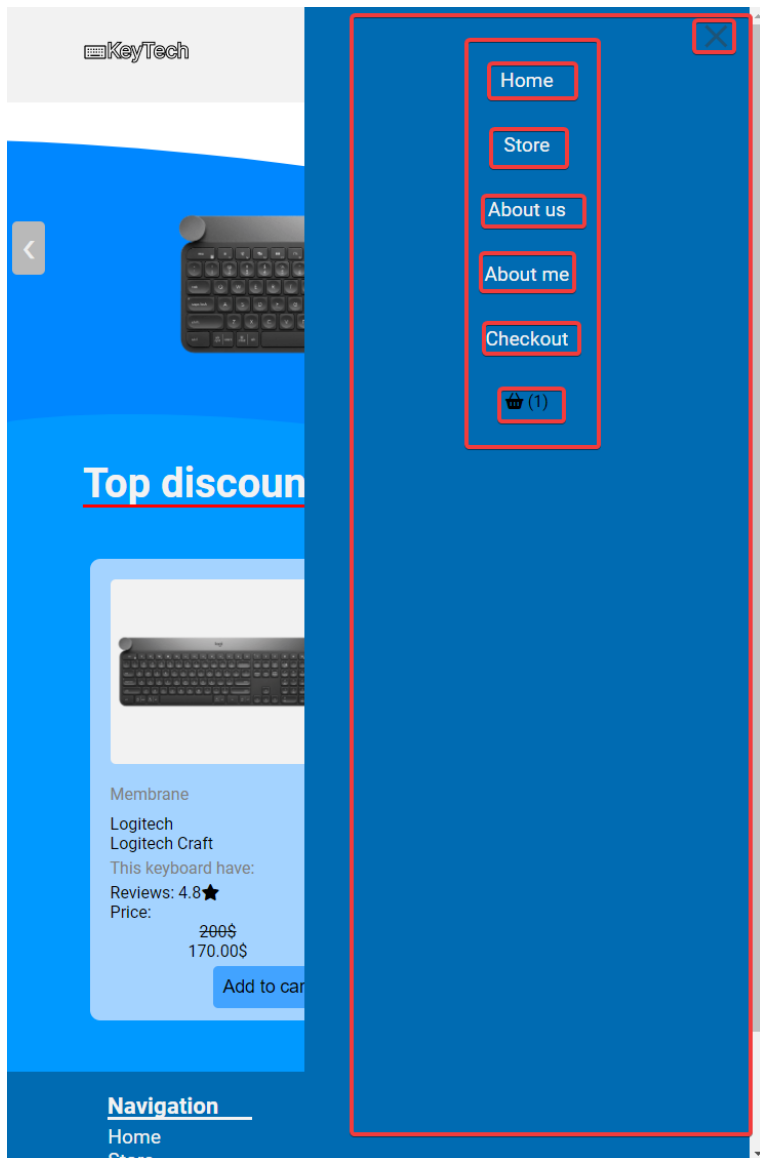












Deleted all products from card

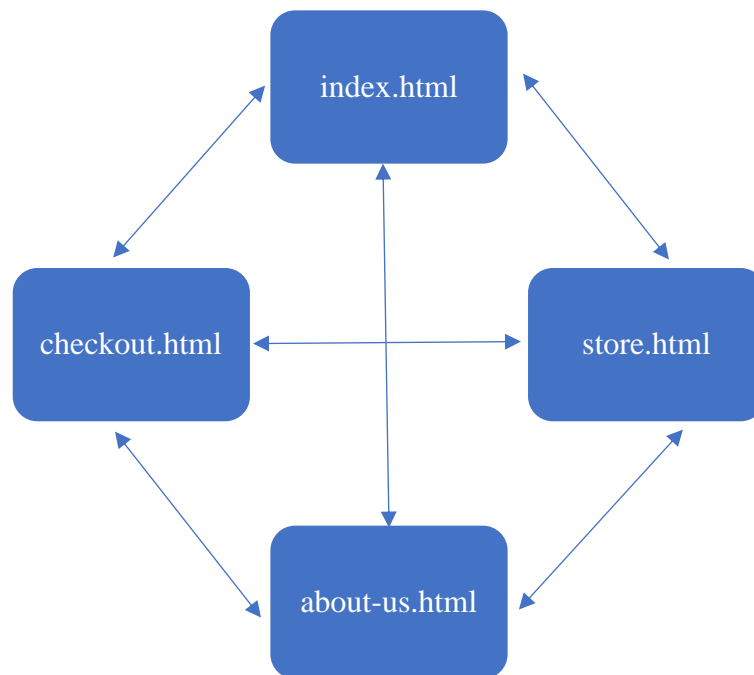
Product added to card!

Product already in card!

Product deleted from card!

## 2 Organizacija

### 2.1 Šema



### 2.2 Mapa sajta (sitemap)

```
<urlset
xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
  <url>
    <loc>https://keytech-
world.netlify.app/index.html</loc>
    <lastmod>2022-04-15T08:00:00+00:00</lastmod>
    <changefreq>daily</changefreq>
    <priority>0.95</priority>
  </url>
  <url>
    <loc>https://keytech-
world.netlify.app/store.html</loc>
    <lastmod>2022-04-15T08:00:00+00:00</lastmod>
    <changefreq>daily</changefreq>
    <priority>0.90</priority>
```

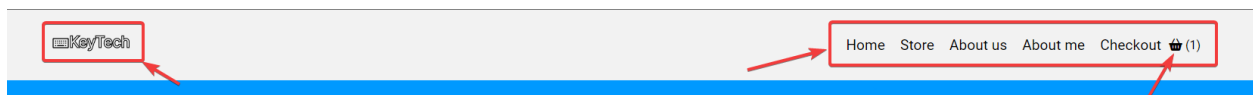
```

</url>
<url>
  <loc>https://keytech-
world.netlify.app/checkout.html</loc>
  <lastmod>2022-04-15T08:00:00+00:00</lastmod>
  <changefreq>weekly</changefreq>
  <priority>0.85</priority>
</url>
<url>
  <loc>https://keytech-world.netlify.app/about-
us.html</loc>
  <lastmod>2022-04-15T08:00:00+00:00</lastmod>
  <changefreq>monthly</changefreq>
  <priority>0.70</priority>
</url>
</urlset>

```

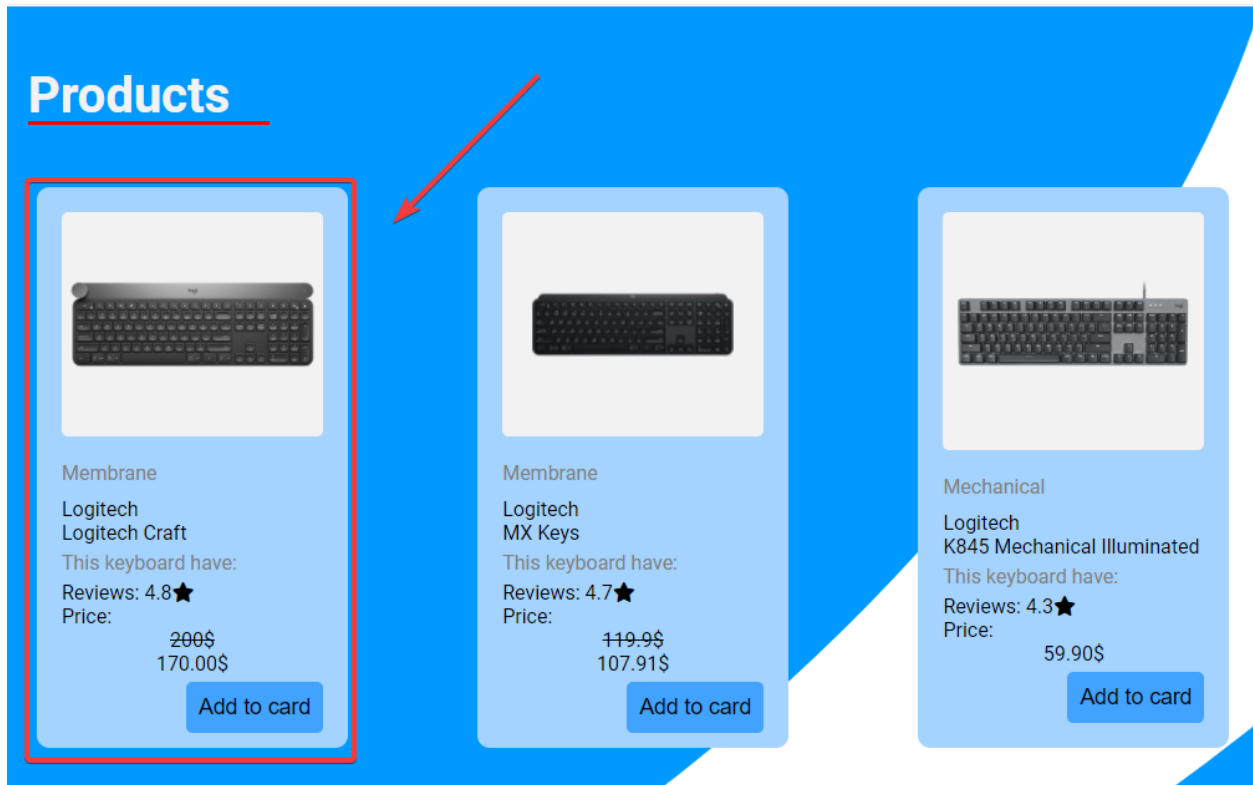
## 2.3 Slike stranica i opis funkcionalnosti

### 2.3.1 Dinamičko kreiranje i ispisivanje menia i footer-a linkova



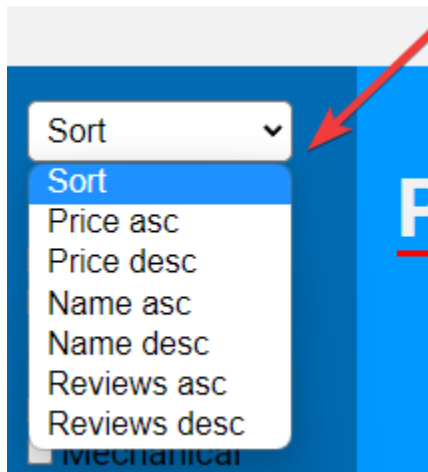
- Za kreiranje navigacionog meni-a, footer-a korišćena je “callback” funkcija “createNavBar”, koja predstavlja skup dodatnih funkcija kojima se prosledjuje povratni podatak iz “fetchData()” funkcije.

### 2.3.2 Dinamičko kreiranje i ispisivanje proizvoda



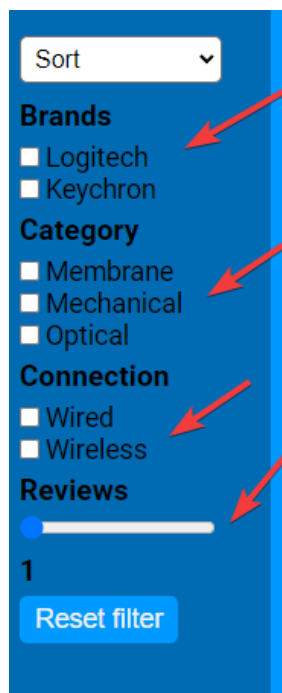
- Za dinamičko ispisivanje i kreiranje proizvoda, korišćena je funkcija “callback” funkcija “showProducts()”, koja se poziva preko funkcija “fetchData()”.
- Kao ulazni argument, prihvata niz objekata proizvoda.
- Navedena funkcija je korišćena i prilikom filtriranja proizvoda.

### 2.3.3 Soritranje proizvoda



- Za sortiranje proizvoda, korišćena je funkcija “sortProducts()”, koja kao ulazni parametar ima selektovan objekat padajuće liste.
- Nakon sortiranja, poziva se funkcija “showProducts()”, koja kao ulazni parametar poseduje sortiranu listu proizvoda.
- Sortiranje je moguće po više kriterijuma:
  - o Ceni rastuće;
  - o Ceni opadajuće;
  - o Nazivu rastućem;
  - o Nazivu opadajućem,
  - o Oceni rastućem;
  - o Oceni opadajućem;

#### 2.3.4 Filtriranje proizvoda po više kriterijuma



- Prilikom kreiranja liste filtera, svakom elementu filtera je dodat “.addEventListener()“, koja prilikom interakcija sa elementima poziva funkciju “filterProducts()“, koja kreira kopiju proizvoda LocalStorage i prosleđuje je kao ulazni argument glavnoj funkciji “showProducts()”.
- Ona dalje poziva pod funkcije (“brandsFilter”, “categoryFilter”, “connectionType”, “reviewsFilter”), koje kao ulazni parametar imaju listu elemenata, koja već može biti filtrirana zavisno od redosleda izvršavanja.

### 2.3.5 Resetovanje (ponišćavanje) filtera

Sort ▼

**Brands**

☐ Logitech

☐ Keychron

**Category**

☐ Membrane

☐ Mechanical

☐ Optical

**Connection**

☐ Wired

☐ Wireless

**Reviews**

1

Reset filter

- Pritiskom na taster “Reset filter”, dolazi do pozivanja funkcije “resetFilters()”, koja poništava sve filtere i sortiranje;

### 2.3.6 Checkout forma za naručivanje



Full Name:  
  
 Full Name is not as expected


Email:  
  
 E-mail is not as expected!

Address:  
  
 Address is not as expected!

Postal code:  
  
 Postal code is not as expected!

Message:

☐ Accept Terms of Use.  
 You must accept our Terms Of Use!



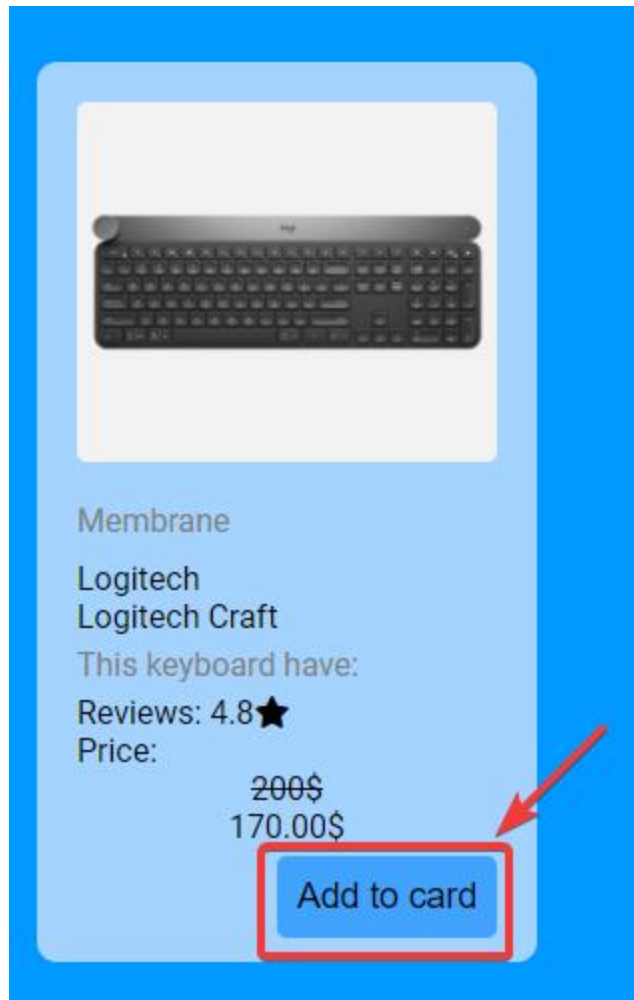
K845 Mechanical Illuminated  
 Logitech  
 59.90\$ x 3 = 179.70\$

**Total: 179.70\$**

- Na slici je prikazana forma koja sadrži validaciju unetih podataka.
- Ako su uneti neispravni podaci, ispod polja za popunjavanje, ispisaće nam se poruka koji podaci nisu ispravno napisani.
- “Full name” mora da sadrži najmanje jedno ime i prezime, koji počinju jednim velikim slovom, i ostalim malim uz mogućnost korišćenja “ČĆŽĐŠ”.
- “Email” prihvata e-mail adrese koje moraju početi slovom ili brojem, a mogu sadržati slova, brojeve, “.”, “-”, “\_”. Moraju sadržati simbol “@”, nakon koga idu slova i brojevi, zatim “.”, nakon toga sledi tekst od 2 do 4 slova bez brojeva ili drugih simbola.
- “Address” – Obavezno polje u koje se unosi adresa, Može sadržati više reči u kombinaciji karaktera i brojeva kuća.
- “Postal code” – Obavezno polje za unos poštanskog broja koje je u opsegu od 10000 – 99999.
- “Message” polje prihvata opcionu poruku koja može biti prazna (bez poruke), ili ukoliko korisnik odluči da napiše poruku, ista mora sadržati više od 20 karaktera, odnosno manje od 450.
- “Accept Terms of Use.” je obavezno polje.
- Nije moguće izvršiti kupovinu ukoliko je neki od podataka prazan, pogrešno unet ili ako nemate odabranih proizvoda u korpi.

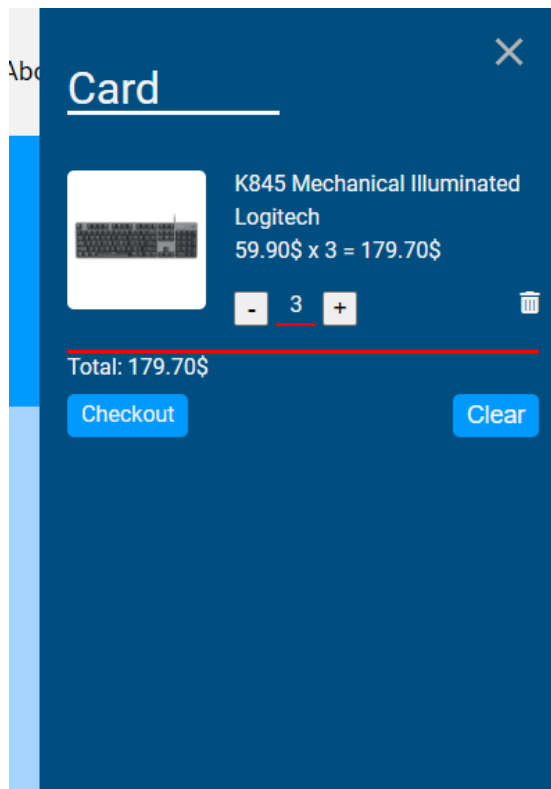
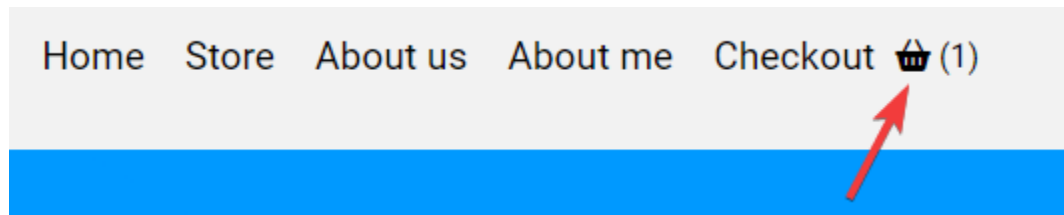
- Sa desne strane se nalazi lista, koja se dinamički osvežava, koja prikazuje odabrane proizvode iz korpe, njihove cene, količinu, i ukupnu cenu.

### 2.3.7 Dodavanje proizvoda u korpu



- Klikom na dugme “Add to card”, navedeni proizvod dodajemo u korpu.
- Pomoću funkcije “addEventListener()”, koja kao ulazne parametre poseduje “ime id/klase proizvoda”, “class/id”, “tip interakcije eventlistener-a”, “ime callback funkcije (“addToCard” u ovom slučaju)”.
- Funkcija “addToCard()” prvo proverava da li se navedeni proizvod već nalazi u korpi, ukoliko je to slučaj, ispisuje se poruka u desnom uglu koja nas time obaveštava, u suprotnom, proizvod se dodaje na postojeću listu u “localStorage”, ili je kreira ukoliko već nije.
- U donjem desnom uglu se ispisuje poruka da je proizvod dodat u korpu (“LocalStorage”).

### 2.3.8 Interaktivna korpa



- Pored korpe, nalazi se broj proizvoda koji je odabran za kupovinu.
- Klikom na dugme prikazano na slici, dolazi do otvaranja menia korpe sa desne strane.
- U korpi se dinamički ispisuju proizvodi koje dodajemo u korpu.
- Neki od podataka su:
  - o Naziv proizvoda (model)
  - o Naziv brenda
  - o Cena jednog komada
  - o Odabrana količina,
  - o Ukupna cena,
  - o Ukupna cena svih proizvoda.
- Pored navedenih podataka, unutar korpe se nalatzi funkcionalnost povećavanja i smanjenja broja odabranih komada.
- Pritiskom na korpu, bišete navedeni proizvod iz korpe.

- Pritiskom na dugme “Clear”, brošete sve proizvode iz korpe.
- Klikom na “Checkout”, odlazite na stranicu za poručivanje.
- Svi proizvodi se nalaze u “LocalStorage”.

### 2.3.9 Obaveštenja (poruke)

Deleted all products from card

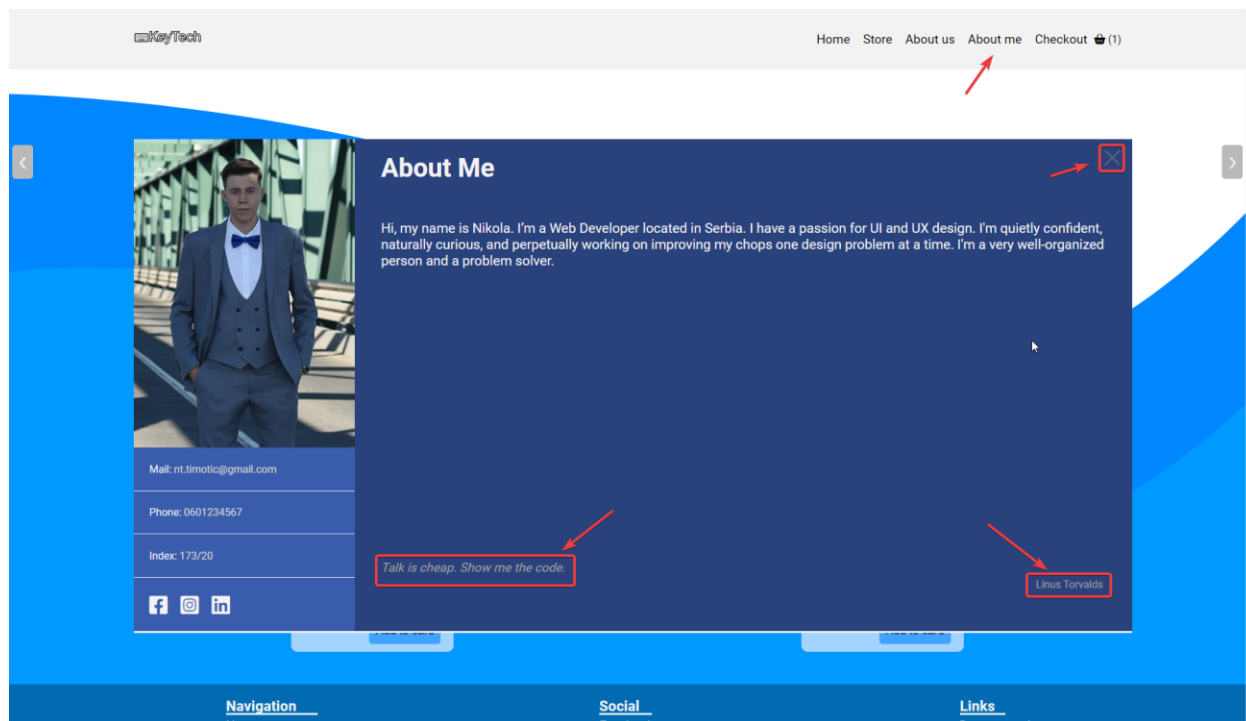
Product added to card!

Product already in card!

Product deleted from card!

- Navedene poruke se prikazuju u donjem, desnom uglu prilikom izvršavanja određenih operacija kao što su:
  - o Dodavanje proizvoda u korpu,
  - o Checkout forme,
  - o Brisanje proizvoda iz korpe.
- Poruke se generišu pomoću funkcije “cardMessages()”, a kao ulazni parametar tekst poruke koji se ispisuje.

### 2.3.10 Ispisivanje citata i autora u sekciji “About me”



- Ispisivanje se vrši nakon određenog intervala.
- Svi citati i imena autora nalaze se unutar objekta u JSON fajlu (quotes.json).
- Za generisanje i ispisivanje nasumičnih citata i njihovih autora se koristi funkcija “quoteGenerator()”, koja se uz pomoć JS funkcije “setInterval()”, izvršava na svake 2 sekunde.
- Na slici je naznačeno dugme pomoću koga se zatvara modal sekcije “About me”.

## 3 Kodovi

### 3.1 HTML

#### 3.1.1 index.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" />
    <link rel="stylesheet" type="text/css"
href="assets/css/style.min.css" />
    <link rel="icon" type="image/x-icon"
href="assets/img/favicon.ico" />
    <meta name="keywords" content="Logitech, KeyTech,
mx, keys, craft, top, discount" />
    <meta name="description" content="KeyTech - World of
keyboard. Don't wait, buy your Logitech, Razer,
Keychron, or any from our offer." />
    <title>KeyTech | World of keyboards</title>
</head>
<body>
    <nav>
        <div id="nav-warpper" class="wrapper">
            <a href="index.html"></a>
            <div id="nav-close-container">
                <div id="nav-close" class="close"></div>
            </div>
        </div>
    </nav>
    <header id="landing-page">
        <div class="slideshow-container">
            <div class="slide">
                
            </div>
            <div class="slide">
                
            </div>
            <div class="slide">
                
            </div>
        </div>
    </header>

```

```

        </div>
        <div class="slide">
            
        </div>
        <a id="neg" class="prev">#10094;</a>
        <a id="pos" class="next">#10095;</a>
    </div>
    <div class="wrapper">
        <h1>Top discount</h1>
        <section id="products"></section>
    </div>
</header>
<section class="shopping-card-container">
    <div id="card-close"></div>
    <p id="card-heading">Card</p>
    <div id="card-products"></div>
    <div>
        <p id="card-total-price"></p>
    </div>
    <div id="card-btns">
        <a href="checkout.html" class="btn-
sec">Checkout</a>
        <input type="button" class="btn-sec" id="delete-
all-products" value="Clear" />
    </div>
</section>
<footer id="footer"></footer>
<script
src="https://kit.fontawesome.com/92e251ce56.js"
crossorigin="anonymous"></script>
    <script src="assets/js/main.min.js"></script>
</body>
</html>

```

### 3.1.2 store.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" />
    <link rel="stylesheet" type="text/css"
href="assets/css/style.min.css" />
    <link rel="icon" type="image/x-icon"
href="assets/img/favicon.ico" />
    <meta name="keywords" content="keytech, reviews,
logitech, mx, craft, keychron, products" />
    <meta name="description" content="KeyTech - World of
the keyboard. Don't wait, there are plenty of keyboards
waiting for you to choose one of many from our offer."
  />
    <title>KeyTech | Store</title>
  </head>
  <body>
    <nav>
      <div id="nav-warpper" class="wrapper">
        <a href="index.html"></a>
        <div id="nav-close-container">
          <div id="nav-close" class="close"></div>
        </div>
      </div>
    </nav>
    <header id="store">
      <div id="store-container">
        <div id="right-products-container">
```



```

        <h1>Products</h1>
        <div id="products"></div>
    </div>
    <div id="side-filter">
        <div id="sort-products">
            <select name="sortProduct" id="sort-product-
placeholder">
                <option value="0">Sort</option>
                <option value="1">Price asc</option>
                <option value="2">Price desc</option>
                <option value="3">Name asc</option>
                <option value="4">Name desc</option>
                <option value="5">Reviews asc</option>
                <option value="6">Reviews desc</option>
            </select>
        </div>
        <div id="brands-filter"></div>
        <div id="category-filter"></div>
        <div id="connection-type-filter"></div>
        <div id="reviews-filter"></div>
        <input type="button" class="btn-sec"
id="reset-filter" value="Reset filter" />
    </div>
</div>
</header>
<section class="shopping-card-container">
    <div id="card-close"></div>
    <p id="card-heading">Card</p>
    <div id="card-products"></div>
    <div>
        <p id="card-total-price"></p>
    </div>
    <div id="card-btns">
        <a href="checkout.html" class="btn-
sec">Checkout</a>

```

```

        <input type="button" class="btn-sec" id="delete-
all-products" value="Clear" />
    </div>
</section>
<footer id="footer"></footer>
<script
src="https://kit.fontawesome.com/92e251ce56.js"
crossorigin="anonymous"></script>
    <script src="assets/js/main.min.js"></script>
</body>
</html>

```

### 3.1.3 checkout.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" />
        <link rel="stylesheet" type="text/css"
href="assets/css/style.min.css" />
        <link rel="icon" type="image/x-icon"
href="assets/img/favicon.ico" />
        <meta name="keywords" content="keytech, checkout,
logitech, razer, mx" />
        <meta name="description" content="This is checkout
page for our company. Buy a new keyboard." />
        <title>KeyTech | Checkout</title>
    </head>
    <body>

```

```

<nav>
  <div id="nav-warpper" class="wrapper">
    <a href="index.html"></a>
    <div id="nav-close-container">
      <div id="nav-close" class="close"></div>
    </div>
  </div>
</nav>
<header id="checkout">
  <div class="wrapper">
    <h1>Checkout</h1>
    <div id="checkout-container">
      <div id="checkout-left">
        <form>
          <div id="form-top">
            <div class="label-container">
              <label for="fullName">Full
Name:</label>
              <input type="text" name="fullName"
id="fullName" placeholder="eg. John Smith" />
              <p></p>
            </div>
            <div class="label-container">
              <label for="email">Email:</label>
              <input type="text" name="email"
id="email" placeholder="eg. johnsmith@mail.com" />
              <p></p>
            </div>
          </div>
          <div id="form-address">
            <div class="label-container">
              <label for="address">Address:</label>
              <input type="text" name="address"
id="address" placeholder="eg. Wills 5A" />
              <p></p>
            </div>
          </div>
        </form>
      </div>
    </div>
  </div>
</header>

```

```

        </div>
        <div class="label-container">
            <label for="postal-code">Postal
code:</label>
            <input type="number" id="postal-code"
name="postal-code" min="10000" max="99999"
placeholder="eg. XXXXX" />
            <p></p>
        </div>
    </div>
    <div id="form-textarea">
        <div class="label-container">
            <label for="message">Message:</label>
            <textarea name="message" id="message"
placeholder="Do you have some additional
requirements?"></textarea>
            <p></p>
        </div>
    </div>
    <div id="form-bottom">
        <div class="label-container">
            <input type="checkbox" id="accept-tos"
name="accept-tos" />
            <label for="accept-tos">Accept Terms
of Use.</label>
            <p></p>
        </div>
        <div class="button-container">
            <input class="btn-primary"
type="button" value="Send" id="contact-submit" />
            <p></p>
        </div>
    </div>
</form>
</div>
<div id="checkout-right">

```

```

        <div id="checkout-product-list"></div>
        <p id="checkout-total"></p>
    </div>
</div>
</div>
</header>
<section class="shopping-card-container">
    <div id="card-close"></div>
    <p id="card-heading">Card</p>
    <div id="card-products"></div>
    <div>
        <p id="card-total-price"></p>
    </div>
    <div id="card-btns">
        <a href="checkout.html" class="btn-sec">Checkout</a>
        <input type="button" class="btn-sec" id="delete-all-products" value="Clear" />
    </div>
</section>
<footer id="footer"></footer>
<script
src="https://kit.fontawesome.com/92e251ce56.js"
crossorigin="anonymous"></script>
    <script src="assets/js/main.min.js"></script>
</body>
</html>

```

### 3.1.4 about-us.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" />
    <link rel="stylesheet" type="text/css"
href="assets/css/style.min.css" />
    <link rel="icon" type="image/x-icon"
href="assets/img/favicon.ico" />
    <meta name="keywords" content="KeyTech, keyboard,
enthusiasts, new york, razer, logitech, keychron,
choice" />
    <meta name="description" content="We are a group of
keyboard enthusiasts. Our company is based in New York.
Our job is to offer the best keyboards, and it's up to
you to choose." />
    <title>KeyTech | About Us</title>
</head>
<body>
    <nav>
        <div id="nav-warpper" class="wrapper">
            <a href="index.html"></a>
            <div id="nav-close-container">
                <div id="nav-close" class="close"></div>
            </div>
        </div>
    </nav>
    <header id="about-us">
        <div class="wrapper">
            <h1>About us</h1>
            <div id="about-us-container">
                <p>KeyTech was formed in 2017 by a group of
keyboard enthusiasts. Our company is based in New York.
We sell keyboards from renowned brands like Logitech,
Keychron, Razer, and more. We set aside our time when

```

```

choosing keyboards to give you the best choice and you
don't have to waste time.</p>
    
    </div>
</div>
</header>
<section id="about-us-map">
    <iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3
!1d193595.15831093167!2d-
74.11976278775128!3d40.69766374797441!2m3!1f0!2f0!3f0!3m
2!1i1024!2i768!4f13.1!3m3!1m2!1s0x89c24fa5d33f083b%3A0xc
80b8f06e177fe62!2sNew%20York%2C%20NY%2C%20USA!5e0!3m2!1s
en!2srs!4v1650319694935!5m2!1sen!2srs" loading="lazy"
referrerpolicy="no-referrer-when-downgrade"></iframe>
    </section>
    <section class="shopping-card-container">
        <div id="card-close"></div>
        <p id="card-heading">Card</p>
        <div id="card-products"></div>
        <div>
            <p id="card-total-price"></p>
        </div>
        <div id="card-btns">
            <a href="checkout.html" class="btn-
sec">Checkout</a>
            <input type="button" class="btn-sec" id="delete-
all-products" value="Clear" />
        </div>
    </section>
<footer id="footer"></footer>
<script
src="https://kit.fontawesome.com/92e251ce56.js"
crossorigin="anonymous"></script>
<script src="assets/js/main.min.js"></script>

```

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

## 3.2 CSS

### 3.2.1 style.css

```
@import  
url("https://fonts.googleapis.com/css2?family=Roboto:wght@300;400;700;900&display=swap");  
  
:root {  
  --primary-font: #f2f2f2;  
}  
  
/* CSS reset */  
*,  
*::before,  
*::after {  
  margin: 0;  
  padding: 0;  
  box-sizing: border-box;  
}  
  
body {  
  font-size: 100%;  
  font-family: "Roboto", sans-serif;  
}  
  
a {  
  text-decoration: none;  
}  
  
ul {
```



```

    list-style-type: none;
}

img {
    max-width: 100%;
}

h1 {
    display: inline-block;
    margin: 50px 0;
    font-size: 2.5rem;
    position: relative;
}

h1::after {
    content: "";
    position: absolute;
    bottom: 0;
    left: 0;
    width: 120%;
    height: 3px;
    background-color: red;
}

.wrapper {
    margin: 0 10vw;
}

body {
    position: relative;
}

nav {
    position: fixed;
    margin-top: -90px;
    width: 100%;
    background-color: var(--primary-font);
    z-index: 2;
}

nav ul li a {
    font-size: 1.2rem;

```

```

}

header {
  margin-top: 90px;
}

nav .wrapper {
  display: flex;
  justify-content: space-between;
  align-items: center;
  padding: 30px 0;
  z-index: 3;
}

.navbar-list {
  display: flex;
  justify-content: space-between;
  align-items: center;
}

.navbar-list li {
  list-style-type: none;
}

.navbar-list li a {
  padding: 5px;
  margin: 0 5px;
  color: black;
  position: relative;
}

.navbar-list li a:hover::after {
  content: "";
  position: absolute;
  bottom: 0;
  left: 0;
  width: 100%;
  height: 3px;
  background-color: red;
}

```

```

    transition: all 1s;
}

#nav-close-container {
    display: none;
    position: relative;
    width: 28px;
    height: 24px;
    z-index: 2;
}
#nav-close-container:hover .close {
    opacity: 1;
}
#nav-close {
    z-index: 2;
}
#nav-close,
#nav-close::after,
#nav-close::before {
    background-color: #3d3d3d;
}

/* Landing page */
#landing-page {
    background-image: url("/assets/img/header-
graphic.svg");
    background-repeat: no-repeat;
    background-size: cover;
}
#landing-page h1 {
    color: var(--primary-font);
}
header {
    position: relative;
}
#store-container {

```

```
    display: flex;
    flex-direction: row-reverse;
    min-height: 100vh;
  }
  #side-filter {
    width: 200px;
    padding-top: 20px;
    padding-left: 10px;
    background-color: #006bb2;
  }
  #side-filter p {
    font-size: 1.2rem;
    font-weight: 600;
    pointer-events: none;
    margin: 5px 0;
  }
  #side-filter label,
  input {
    font-size: 1.1rem;
  }
  #sort-product-placeholder {
    font-size: 1rem;
    padding: 5px;
    margin-bottom: 5px;
    border-radius: 5px;
  }

  footer {
    background-color: #006bb2;
  }
  footer .wrapper {
    display: flex;
    align-items: center;
    flex-direction: column;
  }
```

```
#footer-top {
  display: flex;
  position: relative;
  justify-content: space-between;
  align-items: flex-start;
  padding: 20px 0 10px 0;
}
#footer-top::after {
  position: absolute;
  content: "";
  bottom: 0;
  left: 0;
  width: 100%;
  height: 2px;
  background-color: #00497a;
  border-radius: 50%;
}
#footer-top > div {
  width: 30vw;
  display: flex;
  flex-direction: column;
  justify-content: center;
  align-items: center;
}
#footer-top > div > p {
  font-weight: 600;
  margin-bottom: 5px;
  position: relative;
  font-size: 1.4rem;
  color: var(--primary-font);
}
#footer-top > div > p::after {
  position: absolute;
  content: "";
  bottom: 0;
  left: 0;
```

```

    width: 130%;
    height: 3px;
    background-color: var(--primary-font);
}
#footer-top ul li a {
    color: var(--primary-font);
    font-size: 1.2rem;
}

#footerNav p {
    margin-left: 25px;
}
#footerSocial p {
    margin-left: -25px;
}
#footerDocument p {
    margin-left: -75px;
}
#footer-bottom {
    padding: 10px 0;
}
#footer-bottom p {
    color: #002d4b;
}
/* Product */
#products {
    display: flex;
    flex-wrap: wrap;
    justify-content: space-around;
    gap: 50px;
    width: 100%;
    padding-bottom: 50px;
}
#right-products-container {
    background-image: url("/assets/img/store-
background.svg");

```

```

    background-repeat: no-repeat;
    background-size: cover;
    width: 100%;
}
#right-products-container h1 {
    margin-left: 20px;
    color: var(--primary-font);
}
.product {
    display: flex;
    flex-direction: column;
    position: relative;
    height: 450px;
    width: 250px;
    background-color: rgb(164 211 255);
    padding: 20px;
    border-radius: 10px;
}
.product img {
    margin-bottom: 20px;
    border-radius: 5px;
    background-color: var(--primary-font);
    height: 200px;
    object-fit: contain;
}
.product .product-category-name {
    color: gray;
    margin-bottom: 10px;
}
.product .product-add-to-card-btn {
    align-self: flex-end;
    display: block;
    padding: 5px 10px;
}
.product .product-description {
    padding: 5px 0;
}

```

```

    color: gray;
}
.product .product-price {
    display: flex;
    flex-direction: column;
}
.product .product-price .product-price-new,
.product .product-price .product-price-old {
    align-self: center;
}
.product .product-add-to-card-btn {
    background-color: #42a3ff;
    border: 0;
    padding: 10px;
    border-radius: 5px;
    margin-top: 5px;
}

/* Shop card menu */
.shopping-card-container {
    top: 0;
    right: -100%;
    position: fixed;
    display: flex;
    flex-direction: column;
    min-width: 400px;
    height: 100%;
    background-color: #004d80;
    padding: 20px;
    overflow-y: scroll;
    overflow-y: auto;
    overflow-y: scroll;
    direction: ltr;
    scrollbar-color: #d4aa70 #e4e4e4;
    scrollbar-width: thin;
    transition: all 1s;
}

```



```

    z-index: 3;
    color: var(--primary-font);
}
.shopping-card-active {
    right: 0;
    transition: all 0.5s;
}

.shopping-card-container::-webkit-scrollbar {
    width: 20px;
}
.shopping-card-container::-webkit-scrollbar-track {
    background-color: #e4e4e4;
}
.shopping-card-container::-webkit-scrollbar-thumb {
    border-radius: 100px;
    border: 3px solid transparent;
    background-clip: content-box;
    background-color: #929292;
}
#card-close {
    position: absolute;
    right: 30px;
    top: 20px;
    width: 26px;
    height: 26px;
}
#card-close::before {
    content: "";
    position: absolute;
    top: 0;
    left: 13px;
    width: 3px;
    height: 25px;
    background-color: rgb(180, 180, 180);
    transform: rotate(45deg);
}

```

```

}
#card-close::after {
  content: "";
  position: absolute;
  top: 0;
  left: 13px;
  width: 3px;
  height: 25px;
  background-color: rgb(180, 180, 180);
  transform: rotate(-45deg);
}
#card-heading {
  position: relative;
  font-size: 2rem;
  margin: 20px 0;
}
#card-heading::after {
  content: "";
  position: absolute;
  bottom: 0;
  left: 0;
  width: 45%;
  height: 3px;
  background-color: rgb(255, 255, 255);
}
.card-product {
  padding: 20px 0;
  display: flex;
}
.card-product img {
  height: 100px;
  width: 100px;
  object-fit: contain;
  margin-right: 20px;
  background-color: #ffffff;
  border-radius: 5px;
}

```

```

}
.card-product-right {
  width: 80%;
}
.card-product-right p {
  margin-bottom: 5px;
}
.card-product-tools {
  display: flex;
  justify-content: space-between;
  margin-top: 20px;
}
/* .card-product-tools i {
  display: block;
} */
.card-product-quantity {
  display: flex;
  justify-content: space-between;
  margin-right: 25px;
}
.card-product-quantity input[type="button"] {
  width: 25px;
  height: 25px;
}
.card-product-quantity p {
  position: relative;
  padding: 0 10px;
  margin: 0 5px;
}
.card-product-quantity p::after {
  position: absolute;
  content: "";
  bottom: 0;
  left: 0;
  width: 100%;
  height: 2px;
}

```

```

    background-color: red;
}
.card-product:last-child {
    position: relative;
}
.card-product:last-child::after {
    position: absolute;
    content: "";
    bottom: 0;
    left: 0;
    width: 100%;
    height: 3px;
    background-color: red;
}
/* Empty card */
#empty-card {
    margin-bottom: 10px;
    font-size: 1.2rem;
    font-weight: 500;
}
.fa-trash:hover {
    color: red;
}
/* Btns */
#card-btns {
    display: flex;
    justify-content: space-between;
    margin-top: 10px;
}
.btn-sec {
    background-color: #0099ff;
    padding: 5px 10px;
    border: none;
    border-radius: 5px;
    cursor: pointer;
    color: #f2f2f2;
}

```

```

}
.btn-sec:hover {
  background-color: #003355;
  color: var(--primary-font);
}

/* Message modal */
.message {
  position: fixed;
  bottom: 20px;
  right: 40px;
  padding: 10px;
  background-color: rgb(211, 211, 211);
  animation: addToCardMessageAnimation 5s;
  opacity: 0;
  z-index: 5;
}
.message::before {
  content: "";
  position: absolute;
  width: 10px;
  height: 100%;
  top: 0;
  left: -5px;
  background-color: #135988;
}

/* Slideshow */
.slideshow-container {
  height: 300px;
  position: relative;
}

.slide {
  display: none;
  height: 100%;

```

```

    text-align: center;
    transition: all;
}
.slide img {
    object-fit: scale-down;
    height: 120%;
}
.prev,
.next {
    position: absolute;
    background: rgb(185, 185, 185);
    padding: 10px;
    top: 43%;
    font-size: 24px;
    margin-top: -10px;
    color: #eee;
    border-radius: 5px;
    user-select: none;
    cursor: pointer;
    transition: all 0.2s;
}

.prev {
    left: 5px;
}
.next {
    right: 5px;
}

/* Checkout */
#checkout {
    min-height: 100vh;
    background-image: url("/assets/img/checkout-bg.svg");
    background-position: top;
    background-repeat: no-repeat;
    background-size: cover;
}

```

```

}
#checkout h1 {
  color: var(--primary-font);
}
#checkout-container {
  display: flex;
}
#checkout-left,
#checkout-right {
  width: 50%;
}
#checkout-left input,
#checkout-left textarea {
  border: 2px solid rgb(164, 211, 255);
  border-radius: 5px;
}
#checkout-right {
  background-color: rgb(164, 211, 255);
  border-radius: 20px;
  height: 50%;
}
#checkout-product-list {
  display: flex;
  flex-direction: column;
  overflow-y: scroll;
  overflow-y: auto;
  overflow-y: scroll;
  direction: ltr;
  scrollbar-color: #d4aa70 #e4e4e4;
  scrollbar-width: thin;
  height: 300px;
  padding: 20px;
}

#checkout-product-list::-webkit-scrollbar {
  width: 20px;
}

```

```

}
#checkout-product-list::-webkit-scrollbar-track {
  border-radius: 0 10px 0 0;
  background-color: rgb(201 220 237);
}
#checkout-product-list::-webkit-scrollbar-thumb {
  border-radius: 100px;
  border: 3px solid transparent;
  background-clip: content-box;
  background-color: #a0a0a0;
}

#checkout-total {
  font-weight: 800;
  font-size: 1.4rem;
  padding: 5px 20px;
  position: relative;
}
#checkout-total::before {
  content: "";
  top: 0;
  left: 0;
  width: 100%;
  height: 3px;
  background-color: red;
  position: absolute;
}

#checkout-product-list .card-product:last-child::after {
  display: none;
}

.label-container label {
  display: block;
  font-size: 1.2rem;
  padding: 7px 0;
}

```



```

}
#form-bottom label {
  display: inline-block;
}
#form-bottom input[type="checkbox"] {
  transform: scale(1.2);
  margin-right: 3px;
}

.label-container input[type="text"],
.label-container input[type="number"] {
  padding: 5px;
  width: 60%;
}
.label-container textarea {
  padding: 5px;
  min-height: 150px;
  width: 60%;
}
.button-container .btn-primary {
  height: 35px;
  width: 100px;
  display: block;
  margin-top: 20px;
}
.btn-primary {
  background-color: gray;
  position: relative;
  border: none;
  z-index: 1;
  cursor: pointer;
  display: block;
  border-bottom: #65a10e 2px solid;
}
.btn-primary:hover {
  transition: 0.5s ease-in-out;
}

```

```

    background-color: rgb(17, 148, 17);
}
.bad-form-element {
    color: red;
    padding-top: 5px;
}
#checkout-container {
    margin-top: 50px;
}
/* About me */
#about-me-container {
    position: absolute;
    top: 10vh;
    left: 10vw;
    animation: fadeIn 1s;
}
#about-me {
    background-color: #2a427c;
    max-height: 100vh;
    width: 80vw;
    margin: 0 auto;
    display: flex;
    position: relative;
}
#about-me-right {
    padding: 20px 40px;
}
#about-me-left {
    min-width: 200px;
    background-color: #3a5cad;
}
#about-me-right {
    width: 70%;
}
#about-me-content {
    height: 80%;
}

```

```

    display: flex;
    flex-direction: column;
    justify-content: space-between;
}
#about-me-left img {
    display: block;
    max-height: 70%;
    background-color: #2b2b2b;
    object-fit: cover;
}
#about-social {
    display: flex;
    flex-direction: row;
}
#about-me-info-content li {
    padding: 7%;
    position: relative;
}
#about-me-info-content li::after {
    content: "";
    position: absolute;
    bottom: 0;
    left: 0;
    width: 100%;
    height: 1px;
    background-color: var(--primary-font);
}
#about-me-info-content li {
    color: var(--primary-font);
}
#about-me-info-content li a,
#about-me-info-content li p span {
    color: var(--primary-font);
    filter: brightness(0.85);
}
#about-social ul {

```

```

    display: flex;
}
#about-social {
    padding: 7%;
}
#about-social li a {
    font-size: 2rem;
    margin-right: 20px;
    color: var(--primary-font);
}
#about-me-right h2 {
    font-size: 2.5rem;
    position: relative;
    display: inline-block;
    margin-bottom: 5%;
    color: var(--primary-font);
}
#about-me-right h2::after {
    content: "";
    position: absolute;
    bottom: 0;
    left: 0;
    width: 120%;
    height: 3px;
    background-color: var(--primary);
}
#about-me-text {
    font-size: 1.3rem;
    color: var(--primary-font);
}
/* Quotes */
#quote-box {
    opacity: 0;
    animation: fade infinite 2s;
    color: rgb(160, 160, 160);
}

```

```

#quote {
  font-size: 1.2rem;
}
#author {
  text-align: right;
  padding: 5px;
}
#about-me #about-me-close {
  position: absolute;
  top: 20px;
  right: 20px;
  width: 28px;
  height: 24px;
}
#about-me #about-me-close .close {
  position: absolute;
  width: 32px;
  right: 10px;
  top: 10px;
}
#about-me-close:hover .close {
  opacity: 1;
}
#about-me::after {
  content: "";
  position: absolute;
  bottom: 0;
  left: 0;
  width: 100%;
  height: 3px;
  background-color: var(--primary-font);
}
#about-me-close::before,
#about-me-close::after {
  background-color: gray;
}

```

```

.cross::before,
.cross::after {
  background-color: red;
}
.close {
  position: absolute;
  left: 0;
  top: 10px;
  width: 100%;
  height: 3px;
  opacity: 0.5;
  transition: all 0.3s;
  background-color: rgb(128, 128, 128);
  transition: all 0.3s ease;
}
.close:hover {
  opacity: 1;
}
.close:before,
.close:after {
  content: "";
  position: absolute;
  left: 0;
  height: 3px;
  width: 100%;
  background-color: var(--primary-font);
}
.close:before {
  top: -10px;
}
.close:after {
  top: 10px;
}
.cross::before {
  transform: rotate(-45deg) translate(-8px, 6px);
  opacity: 1;
}

```

```

    background-color: rgb(128, 128, 128);
}
.cross {
    height: 0;
    transform: rotate(180deg);
}
.cross::after {
    transform: rotate(45deg) translate(-8px, -6px);
    opacity: 1;
    background-color: rgb(128, 128, 128);
}

/* About us */
#about-us {
    min-height: 80vh;
    background-image: url("/assets/img/about-us-bg.svg");
    background-position: bottom;
    background-repeat: no-repeat;
    background-size: cover;
}
#about-us h1 {
    color: var(--primary-font);
}
#about-us-container {
    display: flex;
    margin-top: 50px;
    gap: 20px;
}
#about-us-container p {
    font-size: 1.5rem;
    line-height: 1.5;
}
#about-us-container img {
    width: 40%;
    border-radius: 10px;
    object-fit: cover;
}

```

```

}
#about-us-map iframe {
  display: block;
  background-color: #0099ff;
  height: 30vh;
  width: 100%;
  border: 0;
}
/* Response */
@media only screen and (max-width: 1025px) {
  #checkout-left input[type="text"],
  .label-container input[type="number"],
  #checkout-left textarea {
    width: 80%;
  }
}

@media only screen and (max-width: 769px) {
  /* Navigation */
  .navbar-list {
    position: fixed;
    right: 10vw;
    top: 0;
    flex-direction: column;
    justify-content: flex-start;
    height: 100vh;
    width: 60%;
    padding-top: 40px;
    transform: translateX(100%);
    transition: transform 0.5s ease-in-out;
    background-color: #006bb2;
    margin: 0 -10vw;
  }
  .navbar-list li {
    padding: 20px;
  }
}

```



```

.navbar-list li a {
  color: var(--primary-font);
}
#nav-close-container {
  display: block;
  position: fixed;
  right: 20px;
  top: 20px;
  z-index: 5;
}
.nav-active {
  transform: translateX(0%);
}

/* About me */
#about-me-container {
  left: 5vw;
}
#about-me {
  max-height: unset;
  width: 90vw;
}
#about-me-right {
  padding: 20px;
}
#about-me-right h2 {
  font-size: 1.5rem;
}
#about-me-text {
  font-size: 1.1rem;
}
#quote {
  font-size: 1rem;
}
#checkout-container {
  flex-direction: column-reverse;
}

```

```

    gap: 30px;
  }
  #checkout-right,
  #checkout-left {
    width: 100%;
    padding-bottom: 50px;
  }
  #checkout-left input[type="text"],
  .label-container input[type="number"],
  #checkout-left textarea {
    width: 100%;
  }
  /* About us */
  #about-us h1 {
    margin: 50px 0 0 0;
  }
  #about-us-container {
    flex-direction: column;
  }
  #about-us-container img {
    width: 100%;
    margin-bottom: 20px;
  }
}

@media only screen and (max-width: 481px) {
  #about-me {
    flex-direction: column-reverse;
  }
  #about-me-left {
    display: flex;
    flex-direction: column-reverse;
  }
  #quote-box {
    padding-top: 20px;
  }
}

```

```

.sponsor-item i {
  font-size: 5rem;
}
#store-container {
  flex-direction: column-reverse;
}
#side-filter {
  width: 100%;
  display: flex;
  justify-content: center;
  align-items: center;
  flex-direction: row;
  flex-wrap: wrap;
  gap: 5%;
}
#side-filter > div {
  width: 40%;
}
#side-filter > input {
  display: block;
  width: 40%;
}
#footer-top {
  flex-wrap: wrap;
  justify-content: center;
  gap: 25px;
}
.shopping-card-container {
  width: 100%;
  min-width: auto;
}
}

/* Animations */
@keyframes addToCardMessageAnimation {
  0% {

```

```

        right: -100px;
    }
    25% {
        right: 40px;
    }
    50% {
        opacity: 1;
    }
    80% {
        opacity: 1;
    }
    100% {
        opacity: 0;
    }
}
@keyframes fade {
    20% {
        opacity: 1;
    }
    80% {
        opacity: 1;
    }
}

```

## 3.3 JS

### 3.3.1 main.js

```

window.onload = () => {
    fetchData("navLinks", createNavBar);
    fetchData("categories");
    fetchData("brands");
    fetchData("connectionTypes");
    fetchData("quotes");
    fetchData("navLinks", createFooterNavLinks);
    fetchData("socialLinks", createFooterSocialLinks);
}

```

```

fetchData("documentLinks", createFooterDocumentLinks);

function fetchData(fileName, callBack) {
  fetch(`./assets/data/${fileName}.json`)
    .then((response1) => response1.json())
    .then((response2) => {
      if (callBack != null) {
        callBack(response2);
      }
      return response2;
    })
    .then((response3) => {
      localStorage.setItem(`${fileName}Local`,
JSON.stringify(response3));
      return response3;
    })
    .then((response4) => {
      return response4;
    });
}

function createNavBar(data) {
  navLinks("nav-warpper", data);
  navLinkShop("navbar-container");
  eventListener("shopping-card", "id", "click",
openCard);
  eventListener("card-close", "id", "click",
closeCard);
  createFooter();
}

function navLinkShop(uID) {
  let ulTag = document.getElementById(`${uID}`);
  let liTag = document.createElement("li");
  let iTag = document.createElement("i");

```

```

    iTag.setAttribute("class", "fa-solid fa-basket-
shopping");
    iTag.setAttribute("id", "shopping-card");
    liTag.appendChild(iTag);
    let pTag = document.createElement("span");
    pTag.setAttribute("id", "incard-product-number");
    liTag.appendChild(pTag);
    ulTag.appendChild(liTag);
    inCardCount();
}

function navLinks(id, navLinksLocal) {
    let container = document.getElementById(`${id}`);
    let ulTag = document.createElement("ul");
    ulTag.setAttribute("id", "navbar-container");
    ulTag.setAttribute("class", "navbar-list");
    for (let link of navLinksLocal) {
        let liTag = document.createElement("li");
        let aTag = document.createElement("a");
        let aTagContent =
document.createTextNode(`${link.name}`);
        aTag.appendChild(aTagContent);
        aTag.setAttribute("href", `${link.link}`);
        liTag.appendChild(aTag);
        ulTag.appendChild(liTag);
    }
    container.appendChild(ulTag);
}

function brandsFilter(productsArray) {
    let selectedBrands = [];
    let brandsElements =
document.querySelectorAll(".brands-filter-
item:checked");
    for (let element of brandsElements) {
        selectedBrands.push(parseInt(element.value));
    }
}

```

```

    }
    if (selectedBrands.length != 0) {
        return productsArray.filter(function (el) {
            for (let item of selectedBrands) {
                if (el.brandID == item) {
                    return el;
                }
            }
        });
    }
    return productsArray;
}

function categoryFilter(productsArray) {
    let selectedCategory = [];
    let categoryElements =
document.querySelectorAll(".category-filter-
item:checked");
    for (let element of categoryElements) {
        selectedCategory.push(parseInt(element.value));
    }
    if (selectedCategory.length != 0) {
        return productsArray.filter(function (el) {
            for (let item of selectedCategory) {
                if (el.brandID == item) {
                    return el;
                }
            }
        });
    }
    return productsArray;
}

function connectionTypeFilter(productsArray) {
    let connectionTypes = [];

```

```

    let connectionTypeElement =
document.querySelectorAll(".connection-type-filter-
item:checked");
    for (let element of connectionTypeElement) {
        connectionTypes.push(parseInt(element.value));
    }
    if (connectionTypes.length != 0) {
        return productsArray.filter(function (el) {
            for (let item of connectionTypes) {
                if (el.connectionTypeID == item) {
                    return el;
                }
            }
        });
    }
    return productsArray;
}

function showProducts(productsArray) {
    productsArray = brandsFilter(productsArray);
    productsArray = categoryFilter(productsArray);
    productsArray = connectionTypeFilter(productsArray);
    productsArray = reviewsFilter(productsArray);
    let html = "";
    let container = document.getElementById("products");
    if (productsArray.length != 0) {
        for (let product of productsArray) {
            html += `<div class="product">
                        
                        <p class="product-category-
name">${categoryName(product.categoryID)}</p>
                        <p class="product-
brandname">${showBrand(product.brandID)}</p>
                        <p class="product-
name">${product.name}</p>
                    `;
        }
    }
    container.innerHTML = html;
}

```



```

        <p class="product-
description">${product.descript}</p>
        <p class="product-reviews">Reviews:
${product.score}<i class="fa-solid fa-star"></i></p>
        <div class="product-price">
            <p>Price:</p>
            <s class="product-price-
old">${product.price.discount != 0 ? product.price.old +
"$" : ""}</s>
            <p class="product-price-
new">${priceCalculator(product.price.old,
product.price.discount)}$</p>
        </div>
        <input class="product-add-to-card-btn"
type="button" data-id="${product.id}" value="Add to
card" />
    </div>`;
    }
    } else {
        html += `<div id="product-message">
            <h2>There is no products with selected
criteria!</h2>
        </div>`;
    }
    container.innerHTML = html;
    inCardProductsShow();
    let scoreP = document.getElementById("reviews-range-
place");
    if (scoreP != null) {
        let rangeSlider =
document.getElementById("reviews-range-sllider");
        scoreP.innerHTML = rangeSlider.value / 10;
    }
    eventListener("product-add-to-card-btn", "class",
"click", addToCard);
}

```

```

function categoryName(productCategoryID) {
    let categoriesArray = jsonParse("categoriesLocal");
    let categoryName = categoriesArray.filter(function
(el) {
        return el.id == productCategoryID;
    });
    return categoryName[0].name;
}

function priceCalculator(productPrice,
productDiscount) {
    let price = productPrice * ((100 - productDiscount)
/ 100);
    return price.toFixed(2);
}

function showBrand(brandID) {
    let html = "";
    let brandsArray = jsonParse("brandsLocal");
    for (let brand of brandsArray) {
        if (brand.id == brandID) {
            html += `${brand.name}`;
        }
    }
    return html;
}

function filterProducts() {
    let productsArray = jsonParse("productsLocal");
    showProducts(productsArray);
}

// Make side filters
function showFiltersBrand(data) {
    showProductsFilter("Brands", "brands-filter", data,
"brands-filter-item");
}

function showFiltersCategory(data) {

```

```

    showProductsFilter("Category", "category-filter",
data, "category-filter-item");
}
function showFiltersConnectionType(data) {
    showProductsFilter("Connection", "connection-type-
filter", data, "connection-type-filter-item");
}

function showProductsFilter(filterName, containerName,
arrayName, className) {
    let html = "";
    html += `<p>${filterName}</p>
            <ul>`;
    let container =
document.getElementById(containerName);
    for (let item of arrayName) {
        html += `<li>
                    <input type="checkbox"
name="${item.name}" class="${className}"
value="${item.id}" id="${item.name}">
                    <label
for="${item.name}">${item.name} </label>
                </li>`;
    }
    html += `</ul>`;
    container.innerHTML = html;
    eventListener(className, "class", "change",
filterProducts);
}

// Show Reviews side filter

function showReviews() {
    let container = document.getElementById("reviews-
filter");
    let html = `<p>Reviews</p>

```

```

        <div class="slidecontainer">
            <input type="range" min="10" max="50"
value="1" class="slider reviews-filter-item"
id="reviews-range-sllider" />
            <p id="reviews-range-place"></p>
        </div>`;
    container.innerHTML = html;
    let score = document.getElementById("reviews-range-
sllider");
    let scoreP = document.getElementById("reviews-range-
place");
    scoreP.innerHTML = "1";
    score.addEventListener("click", filterProducts);
}
// Filter products per reviews
function reviewsFilter(productsArray) {
    let scoreContainer =
document.getElementById("reviews-range-sllider");
    let score;
    if (scoreContainer == null) {
        score = 1;
    } else {
        score = scoreContainer.value / 10;
    }
    return productsArray.filter(function (el) {
        if (el.score >= score) {
            return el;
        }
    });
}

function createFooter() {
    let footerId = document.getElementById("footer");
    let footerWrapper = document.createElement("div");
    footerWrapper.setAttribute("class", "wrapper");
    let footerTop = document.createElement("div");

```

```

    let navLinksLocal = jsonParse("navLinksLocal");
    footerTop.setAttribute("id", "footer-top");
    let footerBottom = document.createElement("div");
    let footerCopyright = document.createElement("p");
    let footerCopyrightContent =
document.createTextNode("© Copyright 2022");
    footerCopyright.appendChild(footerCopyrightContent);
    footerBottom.appendChild(footerCopyright);
    footerBottom.setAttribute("id", "footer-bottom");
    footerWrapper.appendChild(footerTop);
    footerWrapper.appendChild(footerBottom);
    footerId.appendChild(footerWrapper);
}

function createFooterNavLinks(data) {
    let footerTop = document.getElementById("footer-
top");
    createUllinks(data, footerTop, "footerNav",
"Navigation");
    aboutMePage();
}
function createFooterSocialLinks(data) {
    let footerTop = document.getElementById("footer-
top");
    createUllinks(data, footerTop, "footerSocial",
"Social");
}
function createFooterDocumentLinks(data) {
    let footerTop = document.getElementById("footer-
top");
    createUllinks(data, footerTop, "footerDocument",
"Links");
}

function createUllinks(dataArray, mainContainer,
divId, pContent) {

```

```

    let divContainer = document.createElement("div");
    divContainer.setAttribute("id", `${divId}`);
    let pContainer = document.createElement("p");
    let pContainerContent =
document.createTextNode(`${pContent}`);
    pContainer.appendChild(pContainerContent);
    divContainer.appendChild(pContainer);
    let containerUl = document.createElement("ul");
    divContainer.appendChild(containerUl);
    for (let link of dataArray) {
        let navLinksLi = document.createElement("li");
        let navLinksA = document.createElement("a");
        let navLinksAContent =
document.createTextNode(`${link.name}`);
        navLinksA.setAttribute("href", `${link.link}`);
        navLinksA.appendChild(navLinksAContent);
        navLinksLi.appendChild(navLinksA);
        containerUl.appendChild(navLinksLi);
    }
    mainContainer.appendChild(divContainer);
}

function eventListener(name, tagType, eventMethod,
functionName) {
    if (tagType == "id") {
        let item = document.querySelector(`#${name}`);
        item.addEventListener(`${eventMethod}`,
functionName);
    } else {
        let items = document.querySelectorAll(`.${name}`);
        for (let item of items) {
            item.addEventListener(`${eventMethod}`,
functionName);
        }
    }
}

```

```

function addToCard() {
    let dataID = this.getAttribute("data-id");
    if (localStorage.getItem("addToCardList")) {
        let addToCardList = jsonParse("addToCardList");
        if (addToCardList.filter((e) => e.id ==
dataID).length) {
            cardMessages("Product already in card!");
        } else {
            addToCardList.push({
                id: dataID,
                quantity: 1,
            });
            cardMessages("Product added to card!");
            localStorage.setItem("addToCardList",
JSON.stringify(addToCardList));
        }
    } else {
        let jsonTe = [];
        jsonTe[0] = {
            id: dataID,
            quantity: 1,
        };
        localStorage.setItem("addToCardList",
JSON.stringify(jsonTe));
        cardMessages("Product added to card!");
    }
    inCardCount();
    inCardProductsShow();
    classGe();
}

// Test shopping-card-container
function openCard() {
    let shoppingCardContainer =
document.querySelector(".shopping-card-container");

```

```

        shoppingCardContainer.classList.add("shopping-card-
active");
    }
    function closeCard() {
        let shoppingCardContainer =
document.querySelector(".shopping-card-container");
        shoppingCardContainer.classList.remove("shopping-
card-active");
    }

    // Add to card
    const addToCardBtnsList =
document.querySelectorAll(".product-add-to-card-btn");
    for (let addToCardBtn of addToCardBtnsList) {
        addToCardBtn.addEventListener("click", function () {
            let dataID = this.getAttribute("data-id");
            if (localStorage.getItem("addToCardList")) {
                let addToCardList = jsonParse("addToCardList");
                if (addToCardList.filter((e) => e.id ==
dataID).length) {
                    cardMessages("Product already in card!");
                } else {
                    addToCardList.push({
                        id: dataID,
                        quantity: 1,
                    });
                    cardMessages("Product added to card!");
                    localStorage.setItem("addToCardList",
JSON.stringify(addToCardList));
                }
            } else {
                let jsonTe = [];
                jsonTe[0] = {
                    id: dataID,
                    quantity: 1,
                };
            }
        });
    }

```



```

        localStorage.setItem("addToCardList",
JSON.stringify(jsonTe));
    }
    inCardCount();
    inCardProductsShow();
});
}

// Add to card message
function cardMessages(text) {
    let messageDivTest =
document.querySelector(".message");
    if (messageDivTest) {
        messageDivTest.parentNode.removeChild(messageDivTe
st);
    }
    let messageDiv = document.createElement("div");
    messageDiv.setAttribute("class", "message");
    let pTag = document.createElement("p");
    let pTagContent =
document.createTextNode(`${text}`);
    pTag.appendChild(pTagContent);
    messageDiv.appendChild(pTag);
    let bodyTag = document.getElementsByTagName("body");
    bodyTag[0].appendChild(messageDiv);
    var clearElement = setInterval(() => {
        if (messageDiv.parentElement == null) {
            clearInterval(clearElement);
        } else {
            messageDiv.parentElement.removeChild(messageDiv)
;
        }
    }, 5000);
}

// In card counter

```

```

function inCardCount() {
    let pTag = document.getElementById("incard-product-
number");
    if (localStorage.getItem("addToCardList")) {
        let cardCounts =
jsonParse("addToCardList").length;
        pTag.innerHTML = ` (${cardCounts})`;
    } else {
        pTag.innerHTML = " (0)";
    }
}
// InCardProducts
function inCardProductsShow() {
    let addToCardList = jsonParse("addToCardList");
    let container = document.getElementById("card-
products");
    let checkoutContainer =
document.getElementById("checkout-product-list");
    container.innerHTML = "";
    if (addToCardList != null) {
        for (let item of addToCardList) {
            let cardProduct = document.createElement("div");
            cardProduct.setAttribute("class", "card-
product");
            let imgContainer =
document.createElement("img");
            imgContainer.setAttribute("src",
`${showInCardProductData(item.id, "image", "src")}`);
            imgContainer.setAttribute("alt",
`${showInCardProductData(item.id, "image", "alt")}`);
            cardProduct.appendChild(imgContainer);
            let cardProductsRight =
document.createElement("div");
            cardProductsRight.setAttribute("class", "card-
product-right");
            cardProduct.appendChild(cardProductsRight);

```

```

        let pProductName = document.createElement("p");
        let pProductNameContent =
document.createTextNode(`${showInCardProductData(item.id
, "name")}`);
        pProductName.appendChild(pProductNameContent);
        cardProductsRight.appendChild(pProductName);
        let pBrandName = document.createElement("p");
        let pPBrandNameContent =
document.createTextNode(`${showInCardProductData(item.id
, "brandID")}`);
        pBrandName.appendChild(pPBrandNameContent);
        cardProductsRight.appendChild(pBrandName);
        let pProductPrice = document.createElement("p");
        let pProductPriceContent =
document.createTextNode(`${showInCardProductData(item.id
, "price", "new")}`);
        pProductPrice.appendChild(pProductPriceContent);
        cardProductsRight.appendChild(pProductPrice);
        let cardProductTools =
document.createElement("div");
        cardProductTools.setAttribute("class", "card-
product-tools");
        cardProductsRight.appendChild(cardProductTools)
;
        let cardProductQuantity =
document.createElement("div");
        cardProductQuantity.setAttribute("class", "card-
product-quantity");
        let inputValueMinus =
document.createElement("input");
        inputValueMinus.setAttribute("type", "button");
        inputValueMinus.setAttribute("class",
"quantityRegul");
        inputValueMinus.setAttribute("data-id",
`${item.id}`);
        inputValueMinus.setAttribute("value", "-");

```

```

        cardProductQuantity.appendChild(inputValueMinus)
;
        let itemQuantity = document.createElement("p");
        let itemQuantityContent =
document.createTextNode(`${item.quantity}`);
        itemQuantity.appendChild(itemQuantityContent);
        cardProductQuantity.appendChild(itemQuantity);
        let inputValuePlus =
document.createElement("input");
        inputValuePlus.setAttribute("type", "button");
        inputValuePlus.setAttribute("class",
"quantityRegul");
        inputValuePlus.setAttribute("data-id",
`${item.id}`);
        inputValuePlus.setAttribute("value", "+");
        cardProductQuantity.appendChild(inputValuePlus);
        cardProductTools.appendChild(cardProductQuantity
);

        let iBin = document.createElement("i");
        iBin.setAttribute("class", "fa fa-trash");
        iBin.setAttribute("data-id", `${item.id}`);
        iBin.setAttribute("aria-hidden", "true");
        cardProductTools.appendChild(iBin);
        container.appendChild(cardProduct);
    }
} else {
    let pTag = document.createElement("p");
    let pTagContent = document.createTextNode("Card is
empty.");
    pTag.appendChild(pTagContent);
    pTag.setAttribute("id", "empty-card");
    container.appendChild(pTag);
}

    if (addToCardList !== null && checkoutContainer !==
null) {

```

```

        container = document.getElementById("checkout-
product-list");
        container.innerHTML = "";
        for (let item of addToCardList) {
            let cardProduct = document.createElement("div");
            cardProduct.setAttribute("class", "card-
product");
            let imgContainer =
document.createElement("img");
            imgContainer.setAttribute("src",
`${showInCardProductData(item.id, "image", "src")}`);
            imgContainer.setAttribute("alt",
`${showInCardProductData(item.id, "image", "alt")}`);
            cardProduct.appendChild(imgContainer);
            let cardProductsRight =
document.createElement("div");
            cardProductsRight.setAttribute("class", "card-
product-right");
            cardProduct.appendChild(cardProductsRight);
            let pProductName = document.createElement("p");
            let pProductNameContent =
document.createTextNode(`${showInCardProductData(item.id
, "name")}`);
            pProductName.appendChild(pProductNameContent);
            cardProductsRight.appendChild(pProductName);
            let pBrandName = document.createElement("p");
            let pPBrandNameContent =
document.createTextNode(`${showInCardProductData(item.id
, "brandID")}`);
            pBrandName.appendChild(pPBrandNameContent);
            cardProductsRight.appendChild(pBrandName);
            let pProductPrice = document.createElement("p");
            let pProductPriceContent =
document.createTextNode(`${showInCardProductData(item.id
, "price", "new")}`);
            pProductPrice.appendChild(pProductPriceContent);

```

```

        cardProductsRight.appendChild(pProductPrice);
        container.appendChild(cardProduct);
    }
} else if (checkoutContainer != null) {
    container = document.getElementById("checkout-
product-list");
    container.innerHTML = "";
}
deleteProducts();
classGe();
}

function totalPrice() {
    let addToCardList = jsonParse("addToCardList");
    let totalPrice = 0;
    let priceContainer = document.getElementById("card-
total-price");
    let checkoutContainer =
document.getElementById("checkout-total");

    if (addToCardList != null && addToCardList !=
"undefined") {
        let quantityPrice = addToCardList.map(function
(el) {
            let productsArray = jsonParse("productsLocal");
            for (let item of productsArray) {
                if (item.id == el.id) {
                    return el.quantity *
priceCalculator(item.price.old, item.price.discount);
                }
            }
        });
        for (let item of quantityPrice) {
            totalPrice += item;
        }
    }
}

```

```

        priceContainer.innerHTML = `Total:
${totalPrice.toFixed(2)}$`;
    }
    if (checkoutContainer != null && addToCardList !=
"undefined") {
        checkoutContainer.innerHTML = `Total:
${totalPrice.toFixed(2)}$`;
    }
}
function calculateItemPrice(itemID, price = null) {
    let addToCardList = jsonParse("addToCardList");
    let filtered = addToCardList.filter(function (el) {
        return el.id == itemID;
    });
    if (price == null) {
        let productsArray = jsonParse("productsLocal");
        let filteredPrice = productsArray.filter(function
(el) {
            return el.id == itemID;
        });
        price =
priceCalculator(filteredPrice[0].price.old,
filteredPrice[0].price.discount);
    }
    let totalPrice = filtered[0].quantity * price;
    return `${price}$ x ${filtered[0].quantity} =
${totalPrice.toFixed(2)}$`;
}

function showInCardProductData(itemID, objectName,
objectName2 = null) {
    let productsArray = jsonParse("productsLocal");
    let productName = productsArray.filter(function (el)
{
        return el.id == itemID;
    });
}

```

```

    if (objectName == "brandID") {
        let brandsArray = jsonParse("brandsLocal");
        for (let item of brandsArray) {
            if (productName[0].brandID == item.id) {
                return item.name;
            }
        }
    }
    if (objectName == "price") {
        return calculateItemPrice(productName[0].id,
productName[0][objectName][objectName2]);
    }
    if (objectName2 != null) {
        return productName[0][objectName][objectName2];
    } else {
        return productName[0][objectName];
    }
}

function classGe() {
    let quantityRegulList =
document.querySelectorAll(".quantityRegul");
    for (let item of quantityRegulList) {
        item.addEventListener("click", function () {
            let dataQuantity = jsonParse("addToCardList");
            if (this.value == "+") {
                for (let data of dataQuantity) {
                    if (data.id == this.getAttribute("data-id"))
{
                        data.quantity += 1;
                        localStorage.setItem("addToCardList",
JSON.stringify(dataQuantity));
                        this.parentElement.getElementsByTagName("p
")[0].innerHTML = data.quantity;
                    }
                }
            } else {

```



```

        for (let data of dataQuantity) {
            if (data.id == this.getAttribute("data-id"))
        {
            if (data.quantity > 1) {
                data.quantity -= 1;
                localStorage.setItem("addToCardList",
JSON.stringify(dataQuantity));
                this.parentElement.getElementsByTagName(
"p")[0].innerHTML = data.quantity;
            }
        }
    }
    totalPrice();
    calculateItemPrice(item.getAttribute("data-
id"));
    inCardProductsShow();
});
}
}

function deleteProducts() {
    let binItems = document.querySelectorAll(".fa-
trash");
    for (let item of binItems) {
        item.addEventListener("click", () => {
            let addToCardList = jsonParse("addToCardList");
            for (let data of addToCardList) {
                if (data.id == item.getAttribute("data-id")) {
                    let filteredList =
addToCardList.filter(function (el) {
                        return el.id !== `${data.id}`;
                    });
                    localStorage.setItem("addToCardList",
JSON.stringify(filteredList));
                }
            }
        });
    }
}

```

```

        }
        if (jsonParse("addToCardList").length == 0) {
            localStorage.removeItem("addToCardList");
        }
        inCardProductsShow();
        cardMessages("Product deleted from card!");
    });
}
totalPrice();
}
function deleteAllProducts() {
    localStorage.removeItem("addToCardList");
    cardMessages("Deleted all products from card");
    inCardProductsShow();
    totalPrice();
}

eventListener("delete-all-products", "id", "click",
deleteAllProducts);
function jsonParse(data) {
    let jsonData =
JSON.parse(localStorage.getItem(`${data}`));
    return jsonData;
}
function resetFilters() {
    let brandsFilters =
document.querySelectorAll(".brands-filter-item");
    let categoriesFilters =
document.querySelectorAll(".category-filter-item");
    let connectionTypesFilters =
document.querySelectorAll(".connection-type-filter-
item");
    let sortContainer = document.getElementById("sort-
product-placeholder");
    sortContainer.selectedIndex = 0;
    resetCheckbox(brandsFilters);

```

```

        resetCheckbox(categoriesFilters);
        resetCheckbox(connectionTypesFilters);
        let reviewsFilter =
document.getElementById("reviews-range-sllider");
        reviewsFilter.value = 1;
        let productsArray = jsonParse("productsLocal");
        showProducts(productsArray);
    }
    function resetCheckbox(arrayName) {
        for (let item of arrayName) {
            item.checked = false;
        }
    }
}

inCardProductsShow();
function sortProduct(container) {
    container.addEventListener("change", function () {
        let productsArray = jsonParse("productsLocal");
        productsArray.sort(function (a, b) {
            if (sortingPlaceholder.value == 0) {
                return 0;
            } else if (sortingPlaceholder.value == 1) {
                a = parseFloat(priceCalculator(a.price.old,
a.price.discount));
                b = parseFloat(priceCalculator(b.price.old,
b.price.discount));
                if (a < b) {
                    return -1;
                }
                if (a > b) {
                    return 1;
                }
                if (a == b) {
                    return 0;
                }
            } else if (sortingPlaceholder.value == 2) {

```

```

        a = parseFloat(priceCalculator(a.price.old,
a.price.discount));
        b = parseFloat(priceCalculator(b.price.old,
b.price.discount));
        if (a > b) {
            return -1;
        }
        if (a < b) {
            return 1;
        } else {
            return 0;
        }
    } else if (sortingPlaceholder.value == 3) {
        if (a.name < b.name) {
            return -1;
        }
        if (a.name > b.name) {
            return 1;
        } else {
            return 0;
        }
    } else if (sortingPlaceholder.value == 4) {
        if (a.name > b.name) {
            return -1;
        }
        if (a.name < b.name) {
            return 1;
        } else {
            return 0;
        }
    }
    });
    showProducts(productsArray);
    });
}

```

```

const url = window.location.pathname;
if (url == "/store.html") {
    fetchData("products", showProducts);
    fetchData("brands", showFiltersBrand);
    fetchData("categories", showFiltersCategory);
    fetchData("connectionTypes",
showFiltersConnectionType);
    showReviews();
    var sortingPlaceholder =
document.getElementById("sort-product-placeholder");
    sortProduct(sortingPlaceholder);
    let resetBtn = document.getElementById("reset-
filter");
    resetBtn.addEventListener("click", resetFilters);
} else if (url == "/index.html" || url == "/") {
    fetchData("products", topDiscountProducts);
    let slideIndex = 0;
    let slideTimer;
    const slideDelay = 3;
    const slides =
document.getElementsByClassName("slide");
    ShowSlide = (index) => {
        if (index == slides.length) slideIndex = 0;
        else if (index < 0) slideIndex = slides.length -
1;

        else slideIndex = index;
        for (i = 0; i < slides.length; i++) {
            slides[i].style.display = "none";
        }
        SlideReset();
        slides[slideIndex].style.display = "block";
    };
    SlideReset = () => {
        window.clearInterval(slideTimer);
        setTimeout(function () {
            slideTimer = window.setInterval(function () {

```

```

        ShowSlide((slideIndex += 1));
    }, slideDelay * 1000);
}, 10);
};
neg.addEventListener("click", function () {
    ShowSlide((slideIndex -= 1));
});
pos.addEventListener("click", function () {
    ShowSlide((slideIndex += 1));
});
ShowSlide(slideIndex);
} else if (url == "/checkout.html") {
    inCardProductsShow();

    // Buying form validation
    let contactSubmit =
document.getElementById("contact-submit");
    let mailNotSent = true;
    contactSubmit.addEventListener("click", () => {
        const regularFullName = /^[A-ZČŽĐŠ][a-
zćčžđš]{1,14}\s([A-ZČŽĐŠ][a-zćčžđš]{1,14})?\s?[A-
ZČŽŠĐ][a-zćčžđš]{1,19}$/;
        let fullNameField =
document.getElementById("fullName");
        let fullNameFieldValue = fullNameField.value;
        let fullNameConfirm;
        let mailConfirm;
        let messageConfirm;
        if (regularFullName.test(fullNameFieldValue)) {
            fullNameField.nextElementSibling.innerHTML = "";
            fullNameField.nextElementSibling.setAttribute("c
lass", "good-form-element");
            fullNameConfirm = true;
        } else {
            fullNameField.nextElementSibling.innerHTML =
"Full Name is not as expected";

```

```

        fullNameField.nextElementSibling.setAttribute("class", "bad-form-element");
        fullNameConfirm = false;
    }
    const regularMail = /^[a-zA-Z0-9]([a-z]|([0-9])+\.\.?_?([a-z]|([0-9]))*\.[a-z]{3,}\.([a-z]{2,4}\.)?([a-z]{2,4}))$/g;
    let mailField = document.getElementById("email");
    let mailFieldFieldValue = mailField.value;
    if (regularMail.test(mailFieldFieldValue)) {
        mailField.nextElementSibling.innerHTML = "";
        mailField.nextElementSibling.setAttribute("class", "good-form-element");
        mailConfirm = true;
    } else {
        mailField.nextElementSibling.innerHTML = "E-mail is not as expected!";
        mailField.nextElementSibling.setAttribute("class", "bad-form-element");
        mailConfirm = false;
    }
    const regularPostalCode = /^[0-9]{5}$/;
    let postalCode = document.getElementById("postal-code");
    postalCodeFieldValue = postalCode.value;
    if (regularPostalCode.test(postalCodeFieldValue)) {
        postalCode.nextElementSibling.innerHTML = "";
        postalCode.nextElementSibling.setAttribute("class", "good-form-element");
        postalCodeConfirm = true;
    } else {
        postalCode.nextElementSibling.innerHTML = "Postal code is not as expected!";
        postalCode.nextElementSibling.setAttribute("class", "bad-form-element");
    }

```

```

        postalCodeConfirm = false;
    }
    const regularStreetAddress = /^[A-Za-zČĆŽĐŠčćžđš'\.\-\s\,0-9]{3,}$/;
    let streetAddress =
document.getElementById("address");
    streetAddressFieldValue = streetAddress.value;
    if
(regularStreetAddress.test(streetAddressFieldValue)) {
        streetAddress.nextElementSibling.innerHTML = "";
        streetAddress.nextElementSibling.setAttribute("c
lass", "good-form-element");
        streetAddressConfirm = true;
    } else {
        streetAddress.nextElementSibling.innerHTML =
"Address is not as expected!";
        streetAddress.nextElementSibling.setAttribute("c
lass", "bad-form-element");
        streetAddressConfirm = false;
    }
    let acceptToS = document.getElementById("accept-
tos");
    if (acceptToS.checked == true) {
        acceptToS.nextElementSibling.nextElementSibling.
innerHTML = "";
        acceptToS.nextElementSibling.nextElementSibling.
setAttribute("class", "good-form-element");
        acceptToSConfirm = true;
    } else {
        acceptToS.nextElementSibling.nextElementSibling.
innerHTML = "You must accept our Terms Of Use!";
        acceptToS.nextElementSibling.nextElementSibling.
setAttribute("class", "bad-form-element");
        acceptToSConfirm = false;
    }

```



```

        let messageBox =
document.getElementById("message");
        if (messageBox.value.length > 450) {
            messageBox.nextElementSibling.innerHTML =
"Message can't be longer than 450 characters!";
            messageBox.nextElementSibling.setAttribute("clas
s", "bad-form-element");
            messageConfirm = false;
        } else if (messageBox.value.length > 0 &&
messageBox.value.length < 20) {
            messageBox.nextElementSibling.innerHTML =
"Message can't be smaller then 20 characters!";
            messageBox.nextElementSibling.setAttribute("clas
s", "bad-form-element");
            messageConfirm = false;
        } else {
            messageBox.nextElementSibling.innerHTML = "";
            messageBox.nextElementSibling.setAttribute("clas
s", "good-form-element");
            messageConfirm = true;
        }
        let addToCardLocal = jsonParse("addToCardList");
        if (fullNameConfirm && mailConfirm &&
postalCodeConfirm && streetAddressConfirm &&
acceptToSConfirm && messageConfirm && mailNotSent &&
addToCardLocal != null) {
            cardMessages("Mail sent!");
            mailNotSent = false;
        } else if (mailNotSent == false) {
            cardMessages("Mail already sent!");
        } else if (addToCardLocal == null) {
            cardMessages("Card is empty!");
        }
    });
}

```

```

function topDiscountProducts(data) {
  let filteredDiscount = data.filter(function (el) {
    return el.price.discount >= 10;
  });
  showProducts(filteredDiscount);
}

function aboutMePage() {
  let aboutMeLink =
document.querySelectorAll(`[href="#about-me.html"]`);
  for (let item of aboutMeLink) {
    item.addEventListener("click", () => {
      let bodyEl =
document.getElementsByTagName("body");
      let header =
document.getElementsByTagName("header");
      let aboutMeContainer =
document.querySelector("#about-me-container");
      if (aboutMeContainer == null) {
        header[0].innerHTML += `<section id="about-me-
container">
          <div id="about-me">
            <div id="about-me-left">
              
              <div id="about-me-info">
                <ul id="about-me-info-content">
                  <li>
                    <p>
                      Mail:
                      <a
href="mailto:nt&#46;timotic&#64;gmail&#46;com">nt&#46;ti
motic&#64;gmail&#46;com</a>
                    </p>
                  </li>
                  <li>

```

```

        <p>
            Phone:
            <a href="tel:060-123-
4567">0601234567</a>
        </p>
    </li>
    <li>
        <p>Index: <span>173/20</span></p>
    </li>
</ul>
<ul id="about-social">
    <li>
        <a
href="https://www.facebook.com">
            <i class="fab fa-facebook-
square"></i>
        </a>
    </li>
    <li>
        <a
href="https://www.instagram.com">
            <i class="fab fa-instagram-
square"></i>
        </a>
    </li>
    <li>
        <a
href="https://www.linkedin.com/in/nikolatimotic/">
            <i class="fab fa-linkedin"></i>
        </a>
    </li>
</ul>
</div>
</div>
<div id="about-me-right">
    <h2>About Me</h2>

```

```

        <div id="about-me-content">
            <p id="about-me-text">Hi, my name is
Nikola. I'm a Web Developer located in Serbia. I have a
passion for UI and UX design. I'm quietly confident,
naturally curious, and perpetually working on improving
my chops one design problem at a time. I'm a very well-
organized person and a problem solver.</p>
            <div id="quote-box">
                <cite id="quote"></cite>
                <p id="author"></p>
            </div>
        </div>
    </div>
    <div id="about-me-close">
        <div class="close cross" id="about-me-
exit"></div>
    </div>
</div>
</section>`;
    quoteGeneratorInterval =
setInterval(quoteGenerator, 2000);
    aboutMeModalRemoved = false;
}
// About me
let aboutMeExit =
document.getElementById("about-me-close");
aboutMeExit.addEventListener("click", () => {
    header[0].removeChild(header[0].lastChild);
    aboutMeModalRemoved = true;
    clearInterval(quoteGeneratorInterval);
});
});
}
}
// Quote generator
var random1;

```

```

var random2;

function quoteGenerator() {
  let quoteList = jsonParse("quotesLocal");
  if (!aboutMeModalRemoved) {
    random1 = Math.floor(Math.random() *
quoteList.length);
    while (random1 == random2) {
      random1 = Math.floor(Math.random() *
quoteList.length);
    }
    document.getElementById("quote").innerHTML =
quoteList[random1].quote;
    document.getElementById("author").innerHTML =
quoteList[random1].author;
    random2 = random1;
  } else {
    clearInterval(quoteGeneratorInterval);
  }
}

var burger = document.getElementById("nav-close-
container");
burger.addEventListener("click", () => {
  document.getElementById("nav-
close").classList.toggle("cross");
  document.getElementById("navbar-
container").classList.toggle("nav-active");
});
};

```

## 3.4 JSON

### 3.4.1 brands.json

```
[
  {
    "id": 0,
    "name": "Logitech"
  },
  {
    "id": 1,
    "name": "Keychron"
  }
]
```

### 3.4.2 categories.json

```
[
  {
    "id": 0,
    "name": "Membrane"
  },
  {
    "id": 1,
    "name": "Mechanical"
  },
  {
    "id": 2,
    "name": "Optical"
  }
]
```

### 3.4.3 connectionTypes.json

```
[
```

```
{
  "id": 0,
  "name": "Wired"
},
{
  "id": 1,
  "name": "Wireless"
}
]
```

#### 3.4.4 documentLinks.json

```
[
  {
    "id": 0,
    "name": "Documentation",
    "link": "documentation.pdf"
  },
  {
    "id": 1,
    "name": "Sitemap",
    "link": "sitemap.xml"
  },
  {
    "id": 2,
    "name": "RSS",
    "link": "rss.xml"
  },
  {
    "id": 3,
    "name": "Robots",
    "link": "robots.txt"
  }
]
```

### 3.4.5 navLinks.json

```
[
  {
    "id": 0,
    "name": "Home",
    "link": "index.html"
  },
  {
    "id": 1,
    "name": "Store",
    "link": "store.html"
  },
  {
    "id": 2,
    "name": "About us",
    "link": "about-us.html"
  },
  {
    "id": 3,
    "name": "About me",
    "link": "#about-me.html"
  },
  {
    "id": 4,
    "name": "Checkout",
    "link": "checkout.html",
    "icon": "fa-solid fa-basket-shopping"
  }
]
```

### 3.4.6 products.json

```
[
```



```

{
  "id": 0,
  "name": "Logitech Craft",
  "image": {
    "src": "assets/img/logitech-craft.png",
    "alt": "logitech craft keyboard"
  },
  "brandID": 0,
  "categoryID": 0,
  "connectionTypeID": 1,
  "price": {
    "old": 200,
    "discount": 15
  },
  "descript": "This keyboard have: ",
  "score": 4.8
},
{
  "id": 1,
  "name": "MX Keys",
  "image": {
    "src": "assets/img/logitech-mx-keys.png",
    "alt": "logitech mx keys keyboard"
  },
  "brandID": 0,
  "categoryID": 0,
  "connectionTypeID": 1,
  "price": {
    "old": 119.9,
    "discount": 10
  },
  "descript": "This keyboard have: ",
  "score": 4.7
},
{
  "id": 2,

```

```

    "name": "K845 Mechanical Illuminated",
    "image": {
      "src": "assets/img/k845-mechanical-
illuminated.png",
      "alt": "k845 mechanical illuminated keyboard"
    },
    "brandID": 0,
    "categoryID": 1,
    "connectionTypeID": 0,
    "price": {
      "old": 59.9,
      "discount": 0
    },
    "descript": "This keyboard have: ",
    "score": 4.3
  },
  {
    "id": 3,
    "name": "Q60 QMK",
    "image": {
      "src": "assets/img/Keychron-Q60-QMK.png",
      "alt": "Keychron Q60 QMK keyboard"
    },
    "brandID": 1,
    "categoryID": 1,
    "connectionTypeID": 1,
    "price": {
      "old": 219,
      "discount": 0
    },
    "descript": "This keyboard have: ",
    "score": 4.5
  },
  {
    "id": 4,
    "name": "Keychron K14",

```

```

    "image": {
      "src": "assets/img/keychron-K14.png",
      "alt": "Keychron Q60 QMK keyboard"
    },
    "brandID": 1,
    "categoryID": 1,
    "connectionTypeID": 1,
    "price": {
      "old": 59,
      "discount": 0
    },
    "descript": "This keyboard have: ",
    "score": 4.9
  }
]

```

#### 3.4.7 quotes.json

```

[
  {
    "quote": "Knowledge is power.",
    "author": "Francis Bacon"
  },
  {
    "quote": "First, solve the problem. Then, write the code.",
    "author": "John Johnson"
  },
  {
    "quote": "Code is like humor. When you have to explain it, it's bad.",
    "author": "Cory House"
  },
  {
  }
]

```

```

    "quote": "Talk is cheap. Show me the code.",
    "author": "Linus Torvalds"
  },
  {
    "quote": "If you don't love it, you're going to
fail.",
    "author": "Steve Jobs"
  },
  {
    "quote": "Before software can be reusable it first
has to be usable.",
    "author": "Ralph Johnson"
  }
]

```

### 3.4.8 socialLinks.json

```

[
  {
    "id": 0,
    "name": "Facebook",
    "link": "https://www.facebook.com"
  },
  {
    "id": 1,
    "name": "Instagram",
    "link": "https://www.instagram.com"
  },
  {
    "id": 2,
    "name": "Linked in",
    "link": "https://www.linkedin.com/"
  },
  {
  }
]

```

```
"id": 3,  
"name": "Github",  
"link": "https://github.com/"  
}  
]
```