

Luka Bulbuk 133/19  
Dokumentacija



**Visoka škola strukovnih studija za informacione i komunikacione tehnologije**

**Dokumentacija**

<https://virhur.github.io/BookStore/>

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## Uvod

### Korišćene tehnologije:

- Bootstrap
- JavaScript
- jQuery
- HTML
- CSS
- Plugin Noty

### Okruženje:

- Visual Studio Code

### Funkcionalnosti:

- Ručno kucan sajt, bez dodatne upotrebe template-a
- Responsive dizajn
- Dinamičko ispisivanje sadržaja
- jQuery animacije
- Dinamičko filtriranje knjiga po kategoriji
- Korpa za kupovinu
- Forma za kupovinu i kontakt sa validacijom i objašnjenim greškama

### Robots:

User-agent: \*

Disallow:

### Mapa sajta:

```
<?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://virhur.github.io/BookStore/</loc>
    <lastmod>2020-12-09T19:30:58+00:00</lastmod>
    <priority>1.00</priority>
  </url>
  <url>
    <loc>https://virhur.github.io/BookStore/index.html</loc>
    <lastmod>2020-12-09T19:30:58+00:00</lastmod>
    <priority>0.80</priority>
  </url>
  <url>
    <loc>https://virhur.github.io/BookStore/prodajna_mesta.html</loc>
    <lastmod>2020-12-09T19:30:58+00:00</lastmod>
    <priority>0.80</priority>
  </url>
  <url>
    <loc>https://virhur.github.io/BookStore/o_nama.html</loc>
    <lastmod>2020-12-09T19:30:58+00:00</lastmod>
    <priority>0.80</priority>
  </url>
  <url>
    <loc>https://virhur.github.io/BookStore/kupi.html</loc>
    <lastmod>2020-12-09T19:30:58+00:00</lastmod>
    <priority>0.80</priority>
  </url>
  <url>
    <loc>https://virhur.github.io/BookStore/korpa.html</loc>
    <lastmod>2020-12-09T19:30:58+00:00</lastmod>
    <priority>0.80</priority>
  </url>
</urlset>
```

## Opis funkcionalnosti

Carousel je napravljen u JavaScriptu i koristi različite slike za male i velike uređaje. Prvo se inicijalizuje, pa se generišu tačke i onda se učitava tajmer za promenu slike. Pritiskom na tačke ili na strelice se može promeniti slika. Koriste se animacije fade-in i fade-out za promene slika. Ne može se promeniti slika dok se animacija ne završi.

Glavni sadržaj na stranici su knjige koje su napravljene preko klase. Knjige su objekti te klase koji se učitavaju preko ajaxa. Postoji mogućnost filtriranja knjiga po njihovoj kategoriji i korišćene su animacije fade-in i fadeout za prelaz između kategorija. Klikom na sliku knjige ili njihov naziv otvara se modal sa detaljnijim opisom knjige koji takodje koristi animacije fade-in i fade-out. Omogućeno je izlaženje iz modala klikom van njegovog prozora ili pritiskanjem tastera escape.

Dodavanjem u korpu izlazi notifikacija, a pokušajem dodavanja iste knjige više puta izbacuje potvrdu sa upozorenjem da je knjiga već u korpi.

Korpa u navigacionom meniju se dinamički osvežava, daje mogućnost povećanja ili smanjivanja količine artikla preko dugmića '+' i '-' i dugme za uklanjanje artikla iz korpe. Cena se automatski osvežava u zavisnosti od količine artikla. Artikli dodati u korpi imaju njihov ID sačuvan u localStorage-u, iz koje se on uzima koristeći jQuery da bi se učitao objekat knjige u korpi. Ako se na stranici korpe otvori i korpa u navigacionom meniju, tada dodavanjem artikla na jednom mestu dodaje taj isti i na drugom u isto vreme.

Stranica korpa sadrži tabelu sa svim artiklima, njihovim cenama u odnosu na njihovu količinu i ukupnu cenu svih artikla. Takodje ima opciju povećanja/smanjenja broja artikla i dugme za uklanjanje istih. Za manje uređaje tabela je zamenjena dizajnom više prikladnim za takve uređaje.

Stranica za kupovinu sadrži formu sa validacijom i prikazuje greške za njihov unos ukoliko se dese. Ako se za državu izabere 'ostalo', pojavljuje se novo polje u koje korisnik može da unese svoju državu. Kada se pritisne dugme kupi, korpa se isprazni i korisniku izlazi poruka o uspešnoj kupovini. Dugme poništi unose resetuje celu formu. Ukoliko je korisnik pritisnuo dugme kupi pre nego što je popunio formu tada će se greška pokazati na svakom elementu.

Stranica Prodajna mesta sadrži formu za kontakt sa validacijom i prikazom grešaka prilikom unosa. Dugmetom pošalji izlazi notifikacija za uspešno poslatu poruku. Ukoliko je korisnik pritisnuo dugme pošalji pre nego što je popunio formu tada će se greška pokazati na svakom elementu. Takodje stranica sadrži i google map lokaciju.

Stranica O nama sadrži informacije o autoru i link ka protfoliu.

U futeru su linkovi ka socijalnim medijama kao i link ka dokumentaciji.

## Kodovi

### HTML

#### Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>BookStore | Početna strana</title>
  <meta name="keywords" content="prodavnica, knjiga, knjizara, e-knjige">
  <meta name="author" content="Luka Bulbuk">
  <meta name="description" content="Bookstore je prodavnica knjiga koja nu
di veliki izbor žanrova i naslova."/>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.
3/dist/css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigi
n="anonymous">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font
-awesome/5.15.1/css/all.min.css" integrity="sha512-
+4zCK9k+qNFUR5X+cKL9EIR+Z0htIloN19GIKS57V1MyNsYpYcUrUeQc9vNfzsWfV28IaLL3i96P
9sdNyeRssA==" crossorigin="anonymous" />
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/noty
/3.1.4/noty.css" integrity="sha512-
NXUhXhkDgZYOMjaIgd89zF2w51Mub53Ru3zCNp5LT1EzMbNNAjTjDbpURYGS5Mop2cU4b7re1n0I
ucsVlrx9fA==" crossorigin="anonymous" />
  <link rel="stylesheet" href="css/style.css">
</head>
<body>
  <div id="wrapper">
    <!-- navbar start -->
    <nav class="navbar navbar-expand-md navbar-dark bg-primary sticky-
top">
      <div class="container">
        <a class="navbar-brand" href="index.html"><i class="fas fa-
book-open mr-1"></i>BookStore</a>
        <button class="navbar-toggler d-lg-none" type="button" data-
toggle="collapse" data-target="#collapsibleNavId" aria-
controls="collapsibleNavId"
          aria-expanded="false" aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
```

```
</button>
<div class="collapse navbar-collapse" id="collapsibleNavId">
  <ul class="navbar-nav ml-auto mt-2 mt-lg-0 ">
    <!-- dodati active klasu na odredjene strane -->
    <li class="nav-item">
      <a class="nav-
link active" href="index.html">Početna</a>
    </li>
    <li class="nav-item">
      <a href="prodajna_mesta.html" class="nav-
link">Prodajna mesta</a>
    </li>
    <li class="nav-item">
      <a class="nav-
link" href="o_nama.html">O nama</a>
    </li>
    <li class="nav-item dropdown">
      <a class="nav-link dropdown-
toggle" href="#" id="dropdownId" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false">
        Korpa <span id='total-count'>(0)</span>
        <i class="fa fa-cart-arrow-down" aria-
hidden="true"></i>
      </a>
      <div class="dropdown-menu dropdown-menu-
right" id='korpa' aria-labelledby="dropdownId">
        <div class="row">
          <div class="col-12" id='korpa-empty'>
            <p class="text-
center">Trenutno nemate ništa u korpi.</p>
          </div>
          <div class="col-12">
            <ul class="list-group" id='korpa-
items'>

              </ul>
            </div>
          </div>
          <div class="row mt-2">
            <div class="col-12 d-flex justify-
content-end">
```

```

                                <a href="kupi.html" class="btn btn-
success mr-2">Kupi</a>
                                <a href="korpa.html" class="btn btn-
primary mr-2">Korpa</a>
                                </div>
                                </div>
                                </div>
                                </li>
                            </ul>
                        </div>
                    </div>
</nav>
<!-- navbar end -->

<div class="custom-carousel d-none d-lg-block" id="desktop-
carousel">
    <div class="custom-carousel-content">
        <div class="custom-carousel-item">
            
        </div>
        <div class="custom-carousel-item">
            
        </div>
        <div class="custom-carousel-item">
            
        </div>
    </div>
    <a href="#" class="custom-carousel-prev custom-carousel-
control" data-id='#desktop-carousel'>
        <i class="fa fa-chevron-left" aria-hidden="true"></i>
    </a>
    <a href="#" class="custom-carousel-next custom-carousel-
control" data-id='#desktop-carousel'>
        <i class="fa fa-chevron-right" aria-hidden="true"></i>
    </a>
    <div class="custom-carousel-dots">
    </div>
</div>
```



```
<div class="custom-carousel d-lg-none" id="mobile-carousel">
  <div class="custom-carousel-content">
    <div class="custom-carousel-item">
      
    </div>
    <div class="custom-carousel-item">
      
    </div>
    <div class="custom-carousel-item">
      
    </div>
  </div>
  <a href="#" class="custom-carousel-prev custom-carousel-
control" data-id='#desktop-carousel'>
    <i class="fa fa-chevron-left" aria-hidden="true"></i>
  </a>
  <a href="#" class="custom-carousel-next custom-carousel-
control" data-id='#desktop-carousel'>
    <i class="fa fa-chevron-right" aria-hidden="true"></i>
  </a>
  <div class="custom-carousel-dots">
  </div>
</div>

<!-- main content start -->
<div class="container">
  <div class="row mt-5">
    <div class="col-12 d-flex justify-content-center">
      <h1>Preporučujemo</h1>
    </div>
  </div>
  <div class="row mt-5">
    <div class="col-12 d-flex justify-content-center flex-wrap">
      <button class="btn btn-outline-primary mr-2 mt-2 toggle-
filter active" data-filter='all'>Sve</button>
      <button class="btn btn-outline-primary mr-2 mt-2 toggle-
filter" data-filter='fantasy'>Fantastika</button>
```

```
        <button class="btn btn-outline-primary mr-2 mt-2 toggle-
filter" data-filter='philosophy'>Filozofija</button>
        <button class="btn btn-outline-primary mr-2 mt-2 toggle-
filter" data-filter='history'>Istorija</button>
        <button class="btn btn-outline-primary mr-2 mt-2 toggle-
filter" data-filter='thrillers'>Trilleri</button>
    </div>
</div>
<div class="row mt-5" id='knjige'>

</div>

<div id="modals">

</div>
</div>
<!-- main content end -->
</div>

<!-- footer-start -->
<div class="mt-5 bg-dark text-light w-100" id='footer'>
    <div class="container">
        <div class="row">
            <div class="col-12 d-flex justify-content-between flex-
column flex-md-row">
                <div class="mt-3 mb-3 d-flex flex-column align-items-
center">
                    <i class="fas fa-book-open" style="font-
size: 50px;"></i>
                    <h3>BookStore</h3>
                </div>
                <div class="mt-3 mb-3 d-flex flex-column justify-
content-center align-items-center">
                    <p class="text-
center">Copyright © Luka Designs 2020</p>
                    <a href="dokumentacija.pdf">Dokumentacija</a>
                </div>
                <div class="mt-3 mb-3 d-flex justify-content-
around align-items-center">
                    <a href="https://www.facebook.com/" target="_blank">
<i class="fab fa-facebook fa-lg fa-fw" style="font-
size: 25px; color: white;"></i></a>
```

```
        <a href="https://twitter.com/" target="_blank"><i class="fab fa-twitter fa-lg fa-fw" style="font-size: 25px; color: white;"></i></a>
        <a href="https://www.instagram.com/" target="_blank"><i class="fab fa-instagram fa-lg fa-fw" style="font-size: 25px; color: white;"></i></a>
    </div>
</div>
</div>
</div>
<!-- footer-end -->

<!-- page js -->
<script src="https://code.jquery.com/jquery-3.5.1.min.js" integrity="sha256-9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0=" crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-9/reFTGAW83EW2RDu2S0VKA1Zap3H66lZ81PoYlFhbGU+6BZp6G7niu735Sk7lN" crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.min.js" integrity="sha384-w1Q4orYjBQndcko6MimVbzY0tgp4pWB41Z7lr30WKz0vr/aWKhXdBnmNb5D92v7s" crossorigin="anonymous"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/notify/3.1.4/notify.min.js" integrity="sha512-10rm9FgtT1LK0JRUXF3tp6QaMorJftUjow0WiDcG5GFZ/q7ukof19V0HKx/GWzXCdt9zYju3/KhBNdCLzK8b90Q==" crossorigin="anonymous"></script>
<script src="js/carousel.js"></script>
<script src="js/books.js"></script>
<script src="js/home.js"></script>
<script src="js/cart.js"></script>
<script src="js/modal.js"></script>
</body>
</html>
```

## Korpa.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>BookStore | Korpa</title>
  <meta name="keywords" content="prodavnica, knjiga, knjizara, e-knjige">
  <meta name="author" content="Luka Bulbuk">
  <meta name="description" content="Bookstore je prodavnica knjiga koja nu
di veliki izbor žanrova i naslova."/>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.
3/dist/css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigi
n="anonymous">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font
-awesome/5.15.1/css/all.min.css" integrity="sha512-
+4zCK9k+qNFUR5X+cKL9EIR+Z0htIloN19GIKS57V1MyNsYpYcUrUeQc9vNfzszWfV28IaLL3i96P
9sdNyeRssA==" crossorigin="anonymous" />
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/noty
/3.1.4/noty.css" integrity="sha512-
NXUhxhkDgZYOMjaIgd89zF2w51Mub53Ru3zCNp5LT1EzMbNNAjTjDbpURYGS5Mop2cU4b7re1nOI
ucsVlrx9fA==" crossorigin="anonymous" />
  <link rel="stylesheet" href="css/style.css">
</head>
<body>
  <div id="wrapper">
    <!-- navbar start -->
    <nav class="navbar navbar-expand-md navbar-dark bg-primary sticky-
top">
      <div class="container">
        <a class="navbar-brand" href="index.html"><i class="fas fa-
book-open mr-1"></i>BookStore</a>
        <button class="navbar-toggler d-lg-none" type="button" data-
toggle="collapse" data-target="#collapsibleNavId" aria-
controls="collapsibleNavId"
          aria-expanded="false" aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="collapsibleNavId">
          <ul class="navbar-nav ml-auto mt-2 mt-lg-0 ">
            <!-- dodati active klasu na odredjene strane -->
```

```
        <li class="nav-item">
            <a class="nav-
link" href="index.html">Početna</a>
        </li>
        <li class="nav-item">
            <a href="prodajna_mesta.html" class="nav-
link">Prodajna mesta</a>
        </li>
        <li class="nav-item">
            <a class="nav-
link" href="o_nama.html">O nama</a>
        </li>
        <li class="nav-item dropdown active">
            <a class="nav-link dropdown-
toggle" href="#" id="dropdownId" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false">
                Korpa <span id='total-count'>(0)</span>
                <i class="fa fa-cart-arrow-down" aria-
hidden="true"></i>
            </a>
            <div class="dropdown-menu dropdown-menu-
right" id='korpa' aria-labelledby="dropdownId">
                <div class="row">
                    <div class="col-12" id='korpa-empty'>
                        <p class="text-
center">Trenutno nemate ništa u korpi.</p>
                    </div>
                    <div class="col-12">
                        <ul class="list-group" id='korpa-
items'>

                            <ul>
                                </ul>
                            </div>
                        </div>
                        <div class="row mt-2">
                            <div class="col-12 d-flex justify-
content-end">
                                <a href="kupi.html" class="btn btn-
success mr-2">Kupi</a>
                                <a href="korpa.html" class="btn btn-
primary mr-2">Korpa</a>
                            </div>
                        </div>
                    </div>
                </div>
            </li>
        </ul>
    </div>
</div>
```

```
        </div>
      </div>
    </li>

  </ul>
</div>
</nav>
<!-- navbar end -->

<!-- main content start -->
<div class="container">

  <div class="row mt-5 id='cart-has-no-items'">
    <div class="col-12 d-flex justify-content-center">
      <h1>Trenutno nemate ništa u korpi.</h1>
    </div>
  </div>

  <div class="row mt-5 cart-has-items">
    <div class="col-12 d-flex justify-content-center">
      <h1>Korpa</h1>
    </div>
  </div>

  <div class="row mt-5 cart-has-items">
    <div class="col-12 d-none d-md-block">
      <table class="table table-hover table-stripe">
        <thead>
          <th>ID</th>
          <th>Naziv</th>
          <th>Cena</th>
          <th>Količina</th>
          <th>Ukupno</th>
        </thead>
        <tbody id="cart-content">

          </tbody>
        </table>
      </div>
      <div class="col-12 d-md-none id='cart-content-
mobile'></div>
```

```
        <div class="col-12 d-flex justify-content-end">
            <div class="d-flex flex-column align-items-end">
                <h3>Ukupno: <span id="total-
price">59999</span> RSD</h3>
                <a href="kupi.html" class="btn btn-primary mr-
2">Kupi</a>
            </div>
        </div>
    </div>
</div>
<!-- main content end -->
</div>

<!-- footer-start -->
<div class="mt-5 bg-dark text-light w-100" id='footer'>
    <div class="container">
        <div class="row">
            <div class="col-12 d-flex justify-content-between flex-
column flex-md-row">
                <div class="mt-3 mb-3 d-flex flex-column align-items-
center">
                    <i class="fas fa-book-open" style="font-
size: 50px;"></i>
                    <h3>BookStore</h3>
                </div>
                <div class="mt-3 mb-3 d-flex flex-column justify-
content-center align-items-center">
                    <p class="text-
center">Copyright © Luka Designs 2020</p>
                    <a href="dokumentacija.pdf">Dokumentacija</a>
                </div>
                <div class="mt-3 mb-3 d-flex justify-content-
around align-items-center">
                    <a href="https://www.facebook.com/" target="_blank">
<i class="fab fa-facebook fa-lg fa-fw" style="font-
size: 25px; color: white;"></i></a>
                    <a href="https://twitter.com/" target="_blank"><i cl
ass="fab fa-twitter fa-lg fa-fw" style="font-
size: 25px; color: white;"></i></a>
                    <a href="https://www.instagram.com/" target="_blank"
><i class="fab fa-instagram fa-lg fa-fw" style="font-
size: 25px; color: white;"></i></a>
```

```
        </div>
      </div>
    </div>
  </div>
<!-- footer-end -->

<!-- page js -->
<script src="https://code.jquery.com/jquery-
3.5.1.min.js" integrity="sha256-
9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0=" crossorigin="anonymous"></scri
pt>
  <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popp
er.min.js" integrity="sha384-
9/reFTGAW83EW2RDu2S0VKA1Zap3H66lZ81PoYlFhbGU+6BZp6G7niu735Sk7lN" crossorigi
n="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootst
rap.min.js" integrity="sha384-
w1Q4orYjBQndcko6MimVbzY0tgp4pWB41Z7lr30WKz0vr/aWKhXdBNmNb5D92v7s" crossorigi
n="anonymous"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/noty/3.1.4/noty.min.
js" integrity="sha512-
l0rm9FgT1LK0JRUXF3tp6QaMorJftUjowOWiDcG5GFZ/q7ukof19V0HKx/GWzXCdt9zYju3/KhBN
dCLzK8b90Q==" crossorigin="anonymous"></script>
  <script src="js/books.js"></script>
  <script src="js/cart.js"></script>
  <script src="js/cartPage.js"></script>
</body>
</html>
```



## Kupi.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>BookStore | Korpa</title>
  <meta name="keywords" content="prodavnica, knjiga, knjizara, e-knjige">
  <meta name="author" content="Luka Bulbuk">
  <meta name="description" content="Bookstore je prodavnica knjiga koja nu
di veliki izbor žanrova i naslova."/>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.
3/dist/css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigi
n="anonymous">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font
-awesome/5.15.1/css/all.min.css" integrity="sha512-
+4zCK9k+qNFUR5X+cKL9EIR+Z0htIloN19GIKS57V1MyNsYpYcUrUeQc9vNfzsfV28IaLL3i96P
9sdNyeRssA==" crossorigin="anonymous" />
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/noty
/3.1.4/noty.css" integrity="sha512-
NXUhxhkDgZYOMjaIgd89zF2w51Mub53Ru3zCNp5LT1EzMbNNAjTjDbpURYGS5Mop2cU4b7re1nOI
ucsVlrx9fA==" crossorigin="anonymous" />
  <link rel="stylesheet" href="css/style.css">
</head>
<body>
  <div id="wrapper">
    <!-- navbar start -->
    <nav class="navbar navbar-expand-md navbar-dark bg-primary sticky-
top">
      <div class="container">
        <a class="navbar-brand" href="index.html"><i class="fas fa-
book-open mr-1"></i>BookStore</a>
        <button class="navbar-toggler d-lg-none" type="button" data-
toggle="collapse" data-target="#collapsibleNavId" aria-
controls="collapsibleNavId"
          aria-expanded="false" aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="collapsibleNavId">
          <ul class="navbar-nav ml-auto mt-2 mt-lg-0 ">
            <!-- dodati active klasu na odredjene strane -->
```

```
        <li class="nav-item">
            <a class="nav-
link" href="index.html">Početna</a>
        </li>
        <li class="nav-item">
            <a href="prodajna_mesta.html" class="nav-
link">Prodajna mesta</a>
        </li>
        <li class="nav-item">
            <a class="nav-
link" href="o_nama.html">O nama</a>
        </li>
        <li class="nav-item dropdown active">
            <a class="nav-link dropdown-
toggle" href="#" id="dropdownId" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false">
                Korpa <span id='total-count'>(0)</span>
                <i class="fa fa-cart-arrow-down" aria-
hidden="true"></i>
            </a>
            <div class="dropdown-menu dropdown-menu-
right" id='korpa' aria-labelledby="dropdownId">
                <div class="row">
                    <div class="col-12" id='korpa-empty'>
                        <p class="text-
center">Trenutno nemate ništa u korpi.</p>
                    </div>
                    <div class="col-12">
                        <ul class="list-group" id='korpa-
items'>

                            <ul>
                                </ul>
                            </div>
                        </div>
                        <div class="row mt-2">
                            <div class="col-12 d-flex justify-
content-end">
                                <a href="kupi.html" class="btn btn-
success mr-2">Kupi</a>
                                <a href="korpa.html" class="btn btn-
primary mr-2">Korpa</a>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </li>
    </ul>
</div>
</div>
```

```
        </div>
      </div>
    </li>

  </ul>
</div>
</nav>
<!-- navbar end -->

<!-- main content start -->
<div class="container">

  <div class="row mt-5" id='cart-has-no-items'>
    <div class="col-12 d-flex justify-content-center">
      <h1>Trenutno nemate ništa u korpi.</h1>
    </div>
  </div>

  <div class="row mt-5 cart-has-items">
    <div class="col-12 d-flex justify-content-center">
      <h1>Forma za kupovinu</h1>
    </div>
  </div>

  <div class="row mt-5 d-none" id='success-kupovina'>
    <div class="col-12">
      <div class="alert alert-success alert-
dismissible fade show" role="alert">
        <button type="button" class="close" data-
dismiss="alert" aria-label="Close">
          <span aria-hidden="true">&times;</span>
        </button>
        <strong>Uspešno ste obavili kupovinu!</strong>
      </div>
    </div>
  </div>

  <div class="row mt-5 cart-has-items">
    <div class="col-12">
      <form action="#" method="POST" class="form" id='buy-
form'>
```

```
<div class="row">
  <div class="col-lg-6 col-md-12 form-group">
    <label for="name">Ime i prezime</label>
    <input type="text" name="name" id="name" placeholder="Unesite ime i prezime" class="form-control">
    <div class="invalid-feedback d-none" id='name-failed-required'>
      Polje je obavezno
    </div>
    <div class="invalid-feedback d-none" id='name-failed-format'>
      Nije pravilan format imena i prezimena
    </div>
  </div>
  <div class="col-lg-6 col-md-12 form-group">
    <label for="drzava">Država</label>
    <select name="drzava" id="drzava" class="form-control">
      <option value="0">Izaberite državu...</option>
      <option value="1">Srbija</option>
      <option value="2">Hrvatska</option>
      <option value="3">Bosna i Hercegovina</option>
      <option value="4">Crna Gora</option>
      <option value="5">Ostalo</option>
    </select>
    <div class="invalid-feedback d-none" id='drzava-failed-required'>
      Polje je obavezno
    </div>
  </div>
</div>
<div class="row">
  <div class="col-12 form-group d-none" id='drzava_manual_group'>
    <label for="drzava_manual">Država</label>
    <input type="text" name="drzava_manual" id="drzava_manual" class='form-control' placeholder="Unesite državu">
    <div class="invalid-feedback d-none" id='drzava_manual-failed-required'>
      Polje je obavezno
    </div>
  </div>
</div>
```

```
        </div>
      </div>
    </div>
    <div class="row">
      <div class="col-lg-6 col-md-12 form-group">
        <label for="ulica_i_broj">Ulica i broj</label>
        <input type="text" name="ulica_i_broj" id="ulica_i_broj" class="form-control" placeholder='Unesite ulicu i broj'>
        <div class="invalid-feedback d-none" id='ulica_i_broj-failed-required'>
          Polje je obavezno
        </div>
      </div>
      <div class="col-lg-3 col-md-6 form-group">
        <label for="postanski_broj">Poštanski broj</label>
        <input type="text" name="postanski_broj" id="postanski_broj" class="form-control" placeholder='Unesite poštanski broj'>
        <div class="invalid-feedback d-none" id='postanski_broj-failed-required'>
          Polje je obavezno
        </div>
      </div>
      <div class="col-lg-3 col-md-6 form-group">
        <label for="mesto">Mesto</label>
        <input type="text" name="mesto" id="mesto" class="form-control" placeholder='Unesite mesto'>
        <div class="invalid-feedback d-none" id='mesto-failed-required'>
          Polje je obavezno
        </div>
      </div>
    </div>
    <div class="row">
      <div class="col-lg-6 col-md-12 form-group">
        <label for="telefon">Telefon</label>
        <input type="text" name="telefon" id="telefon" class="form-control" placeholder="Unesite telefon">
        <div class="invalid-feedback d-none" id='telefon-failed-required'>
          Polje je obavezno
        </div>
      </div>
    </div>
  </div>
</div>
```

```
        </div>
        <div class="invalid-feedback d-
none" id='telefon-failed-format'>
            Nije pravilan format telefona
        </div>
    </div>
    <div class="col-lg-6 col-md-12 form-group">
        <label for="email">E-mail</label>
        <input type="text" name="email" id="email" p
laceholder="Unesite e-mail" class='form-control'>
        <div class="invalid-feedback d-
none" id='email-failed-required'>
            Polje je obavezno
        </div>
        <div class="invalid-feedback d-
none" id='email-failed-format'>
            Nije pravilan format email adrese
        </div>
    </div>
</div>
<div class="row">
    <div class="col-12 d-flex justify-content-end">
        <div class="form-group">
            <button type="reset" class='btn btn-
warning'>Poništi unose</button>
            <button type="submit" class='btn btn-
success'>Kupi</button>
        </div>
    </div>
</div>
</div>
</form>
</div>
</div>
<!-- main content end -->
</div>

<!-- footer-start -->
<div class="mt-5 bg-dark text-light w-100" id='footer'>
    <div class="container">
        <div class="row">
```

```
<div class="col-12 d-flex justify-content-between flex-
column flex-md-row">
  <div class="mt-3 mb-3 d-flex flex-column align-items-
center">
    <i class="fas fa-book-open" style="font-
size: 50px;"></i>
    <h3>BookStore</h3>
  </div>
  <div class="mt-3 mb-3 d-flex flex-column justify-
content-center align-items-center">
    <p class="text-
center">Copyright © Luka Designs 2020</p>
    <a href="dokumentacija.pdf">Dokumentacija</a>
  </div>
  <div class="mt-3 mb-3 d-flex justify-content-
around align-items-center">
    <a href="https://www.facebook.com/" target="_blank">
<i class="fab fa-facebook fa-lg fa-fw" style="font-
size: 25px; color: white;"></i></a>
    <a href="https://twitter.com/" target="_blank"><i cl
ass="fab fa-twitter fa-lg fa-fw" style="font-
size: 25px; color: white;"></i></a>
    <a href="https://www.instagram.com/" target="_blank"
><i class="fab fa-instagram fa-lg fa-fw" style="font-
size: 25px; color: white;"></i></a>
  </div>
</div>
</div>
</div>
</div>
<!-- footer-end -->

<!-- page js -->
<script src="https://code.jquery.com/jquery-
3.5.1.min.js" integrity="sha256-
9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0=" crossorigin="anonymous"></scri
pt>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popp
er.min.js" integrity="sha384-
9/reFTGAw83EW2RDu2S0VKaIzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN" crossorigi
n="anonymous"></script>
```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootst
rap.min.js" integrity="sha384-
w1Q4orYjBQndcko6MimVbzy0tgp4pWB41Z71r30WKz0vr/aWKhXdBNmNb5D92v7s" crossorigin="anonymous"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/notify/3.1.4/notify.min.
js" integrity="sha512-
10rm9FgT1LK0JRUXF3tp6QaMorJftUjowOWiDcG5GFZ/q7ukof19V0HKx/GWzXCdt9zYju3/KhBN
dCLzK8b90Q==" crossorigin="anonymous"></script>
<script src="js/books.js"></script>
<script src="js/cart.js"></script>
<script src="js/buy.js"></script>
</body>
</html>
```



## O\_nama.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>BookStore | Početna strana</title>
  <meta name="keywords" content="prodavnica, knjiga, knjizara, e-knjige">
  <meta name="author" content="Luka Bulbuk">
  <meta name="description" content="Bookstore je prodavnica knjiga koja nu
di veliki izbor žanrova i naslova."/>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.
3/dist/css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigi
n="anonymous">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font
-awesome/5.15.1/css/all.min.css" integrity="sha512-
+4zCK9k+qNFUR5X+cKL9EIR+Z0htIloN19GIKS57V1MyNsYpYcUrUeQc9vNfzswFV28IaLL3i96P
9sdNyeRssA==" crossorigin="anonymous" />
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/noty
/3.1.4/noty.css" integrity="sha512-
NXUhxhkDgZYOMjaIgd89zF2w51Mub53Ru3zCNp5LTlEzMbNNAjTjDbpURYGS5Mop2cU4b7re1n0I
ucsVlrx9fA==" crossorigin="anonymous" />
  <link rel="stylesheet" href="css/style.css">
</head>
<body>
  <div class="wrapper">
    <!-- navbar start -->
    <nav class="navbar navbar-expand-md navbar-dark bg-primary sticky-
top">
      <div class="container">
        <a class="navbar-brand" href="index.html"><i class="fas fa-
book-open mr-1"></i>BookStore</a>
        <button class="navbar-toggler d-lg-none" type="button" data-
toggle="collapse" data-target="#collapsibleNavId" aria-
controls="collapsibleNavId"
          aria-expanded="false" aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="collapsibleNavId">
          <ul class="navbar-nav ml-auto mt-2 mt-lg-0 ">
            <!-- dodati active klasu na odredjene strane -->
```

```
        <li class="nav-item">
            <a class="nav-
link" href="index.html">Početna</a>
        </li>
        <li class="nav-item">
            <a href="prodajna_mesta.html" class="nav-
link">Prodajna mesta</a>
        </li>
        <li class="nav-item active">
            <a class="nav-
link" href="o_nama.html">O nama</a>
        </li>
        <li class="nav-item dropdown">
            <a class="nav-link dropdown-
toggle" href="#" id="dropdownId" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false">
                Korpa <span id='total-count'>(0)</span>
                <i class="fa fa-cart-arrow-down" aria-
hidden="true"></i>
            </a>
            <div class="dropdown-menu dropdown-menu-
right" id='korpa' aria-labelledby="dropdownId">
                <div class="row">
                    <div class="col-12" id='korpa-empty'>
                        <p class="text-
center">Trenutno nemate ništa u korpi.</p>
                    </div>
                    <div class="col-12">
                        <ul class="list-group" id='korpa-
items'>

                            <ul>
                                </ul>
                            </div>
                        </div>
                        <div class="row mt-2">
                            <div class="col-12 d-flex justify-
content-end">
                                <a href="kupi.html" class="btn btn-
success mr-2">Kupi</a>
                                <a href="korpa.html" class="btn btn-
primary mr-2">Korpa</a>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </li>
    </ul>
</div>
<div class="row mt-2">
    <div class="col-12 d-flex justify-
content-end">
        <a href="kupi.html" class="btn btn-
success mr-2">Kupi</a>
        <a href="korpa.html" class="btn btn-
primary mr-2">Korpa</a>
    </div>
</div>
```

```
        </div>
      </div>
    </li>

  </ul>
</div>
</nav>
<!-- navbar end -->

<div class="custom-carousel d-none d-lg-block" id="desktop-
carousel">
  <div class="custom-carousel-content">
    <div class="custom-carousel-item">
      
    </div>
    <div class="custom-carousel-item">
      
    </div>
    <div class="custom-carousel-item">
      
    </div>
  </div>
  <a href="#" class="custom-carousel-prev custom-carousel-
control" data-id='#desktop-carousel'>
    <i class="fa fa-chevron-left" aria-hidden="true"></i>
  </a>
  <a href="#" class="custom-carousel-next custom-carousel-
control" data-id='#desktop-carousel'>
    <i class="fa fa-chevron-right" aria-hidden="true"></i>
  </a>
  <div class="custom-carousel-dots">
  </div>
</div>

<div class="custom-carousel d-lg-none" id="mobile-carousel">
  <div class="custom-carousel-content">
    <div class="custom-carousel-item">
```

```
        
      </div>
      <div class="custom-carousel-item">
        
      </div>
      <div class="custom-carousel-item">
        
      </div>
    </div>
    <a href="#" class="custom-carousel-prev custom-carousel-
control" data-id='#desktop-carousel'>
      <i class="fa fa-chevron-left" aria-hidden="true"></i>
    </a>
    <a href="#" class="custom-carousel-next custom-carousel-
control" data-id='#desktop-carousel'>
      <i class="fa fa-chevron-right" aria-hidden="true"></i>
    </a>
    <div class="custom-carousel-dots">
    </div>
  </div>

  <!-- main content start -->
  <div class="container">
    <div class="row mt-5 cart-has-items">
      <div class="col-12 d-flex justify-content-center">
        <h1>0 autoru</h1>
      </div>
    </div>

    <div class="row mt-5 id="transparent-card">
      <div class="col-xl-4 col-lg-5 col-md-12 d-flex justify-
content-center" id="author-picture">
        <div class="card" style="width: 18rem;">
          
          <div class="card-body">
            <h5 class="card-title">Luka Bulbuk</h5>
            <a href="https://virhur.github.io/LukaPortfolio/
" class="btn btn-primary">Saznajte više</a>
```

```
        </div>
      </div>
    </div>
    <div class="col-xl-8 col-lg-7 col-md-12" id="author-bio">
      <h4>O meni</h4>
      <p>
        Zdravo, moje ime je Luka i ja sam iz Beograda. Studiram da budem Web Developer.
      </p>
      <h4>Edukacija</h4>
      <p>
        Završio sam ETŠ "Nikolu Teslu" i studiram na Visokoj ICT školi. Takođe imam CA diplomu iz Engleskog jezika.
      </p>
      <h4>Kontakt</h4>
      <p>
        Za bilo koja pitanja slobodno pošaljite mail na <a href="mailto:luka.bulbuk.133.19@ict.edu.rs">luka.bulbuk.133.19@ict.edu.rs</a>
      </p>
    </div>
  </div>
<!-- main content end -->
</div>

<!-- footer-start -->
<div class="mt-5 bg-dark text-light w-100" id='footer'>
  <div class="container">
    <div class="row">
      <div class="col-12 d-flex justify-content-between flex-column flex-md-row">
        <div class="mt-3 mb-3 d-flex flex-column align-items-center">
          <i class="fas fa-book-open" style="font-size: 50px;"></i>
          <h3>BookStore</h3>
        </div>
        <div class="mt-3 mb-3 d-flex flex-column justify-content-center align-items-center">
          <p class="text-center">Copyright © Luka Designs 2020</p>
        </div>
      </div>
    </div>
  </div>
</div>
```

```
        <a href="dokumentacija.pdf">Dokumentacija</a>
    </div>
    <div class="mt-3 mb-3 d-flex justify-content-
around align-items-center">
        <a href="https://www.facebook.com/" target="_blank">
<i class="fab fa-facebook fa-lg fa-fw" style="font-
size: 25px; color: white;"></i></a>
        <a href="https://twitter.com/" target="_blank"><i cl
ass="fab fa-twitter fa-lg fa-fw" style="font-
size: 25px; color: white;"></i></a>
        <a href="https://www.instagram.com/" target="_blank"
><i class="fab fa-instagram fa-lg fa-fw" style="font-
size: 25px; color: white;"></i></a>
    </div>
</div>
</div>
</div>
<!-- footer-end -->

<!-- page js -->
<script src="https://code.jquery.com/jquery-
3.5.1.min.js" integrity="sha256-
9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0=" crossorigin="anonymous"></scri
pt>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popp
er.min.js" integrity="sha384-
9/reFTGAw83EW2RDu2S0VKAizap3H661ZH81PoYlFhbGU+6BZp6G7niu735Sk7lN" crossorigi
n="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootst
rap.min.js" integrity="sha384-
w1Q4orYjBQndcko6MimVbzy0tgp4pWB41Z7lr30WKz0vr/aWKhXdBNmNb5D92v7s" crossorigi
n="anonymous"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/noty/3.1.4/noty.min.
js" integrity="sha512-
l0rm9FgT1LK0JRUXF3tp6QaMorJftUjowOWiDcG5GFZ/q7ukof19V0HKx/GWzXCdt9zYju3/KhBN
dCLzK8b90Q==" crossorigin="anonymous"></script>
<script src="js/carousel.js"></script>
<script src="js/books.js"></script>
<script src="js/cart.js"></script>
</body>
</html>
```

## Prodajna\_mesta.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>BookStore | Korpa</title>
  <meta name="keywords" content="prodavnica, knjiga, knjizara, e-knjige">
  <meta name="author" content="Luka Bulbuk">
  <meta name="description" content="Bookstore je prodavnica knjiga koja nu
di veliki izbor žanrova i naslova."/>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.
3/dist/css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigi
n="anonymous">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font
-awesome/5.15.1/css/all.min.css" integrity="sha512-
+4zCK9k+qNFUR5X+cKL9EIR+Z0htIloN19GIKS57V1MyNsYpYcUrUeQc9vNfzswfV28IaLL3i96P
9sdNyeRssA==" crossorigin="anonymous" />
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/noty
/3.1.4/noty.css" integrity="sha512-
NXUhxhkDgZYOMjaIgd89zF2w51Mub53Ru3zCNp5LT1EzMbNNAjTjDbpURYGS5Mop2cU4b7re1n0I
ucsVlrx9fA==" crossorigin="anonymous" />
  <link rel="stylesheet" href="css/style.css">
</head>
<body>
  <div class="wrapper">
    <!-- navbar start -->
    <nav class="navbar navbar-expand-md navbar-dark bg-primary sticky-
top">
      <div class="container">
        <a class="navbar-brand" href="index.html"><i class="fas fa-
book-open mr-1"></i>BookStore</a>
        <button class="navbar-toggler d-lg-none" type="button" data-
toggle="collapse" data-target="#collapsibleNavId" aria-
controls="collapsibleNavId"
          aria-expanded="false" aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="collapsibleNavId">
          <ul class="navbar-nav ml-auto mt-2 mt-lg-0 ">
            <!-- dodati active klasu na odredjene strane -->
```

```
        <li class="nav-item">
            <a class="nav-
link" href="index.html">Početna</a>
        </li>
        <li class="nav-item active">
            <a href="prodajna_mesta.html" class="nav-
link">Prodajna mesta</a>
        </li>
        <li class="nav-item">
            <a class="nav-
link" href="o_nama.html">O nama</a>
        </li>
        <li class="nav-item dropdown">
            <a class="nav-link dropdown-
toggle" href="#" id="dropdownId" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false">
                Korpa <span id='total-count'>(0)</span>
                <i class="fa fa-cart-arrow-down" aria-
hidden="true"></i>
            </a>
            <div class="dropdown-menu dropdown-menu-
right" id='korpa' aria-labelledby="dropdownId">
                <div class="row">
                    <div class="col-12" id='korpa-empty'>
                        <p class="text-
center">Trenutno nemate ništa u korpi.</p>
                    </div>
                    <div class="col-12">
                        <ul class="list-group" id='korpa-
items'>

                            <ul>
                                </ul>
                            </div>
                        </div>
                        <div class="row mt-2">
                            <div class="col-12 d-flex justify-
content-end">
                                <a href="kupi.html" class="btn btn-
success mr-2">Kupi</a>
                                <a href="korpa.html" class="btn btn-
primary mr-2">Korpa</a>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </li>
    </ul>
</div>
```



```
        </div>
      </div>
    </li>

  </ul>
</div>
</nav>
<!-- navbar end -->

<div class="custom-carousel d-none d-lg-block" id="desktop-
carousel">
  <div class="custom-carousel-content">
    <div class="custom-carousel-item">
      
    </div>
    <div class="custom-carousel-item">
      
    </div>
    <div class="custom-carousel-item">
      
    </div>
  </div>
  <a href="#" class="custom-carousel-prev custom-carousel-
control" data-id='#desktop-carousel'>
    <i class="fa fa-chevron-left" aria-hidden="true"></i>
  </a>
  <a href="#" class="custom-carousel-next custom-carousel-
control" data-id='#desktop-carousel'>
    <i class="fa fa-chevron-right" aria-hidden="true"></i>
  </a>
  <div class="custom-carousel-dots">
  </div>
</div>

<div class="custom-carousel d-lg-none" id="mobile-carousel">
  <div class="custom-carousel-content">
    <div class="custom-carousel-item">
```

```
        
      </div>
      <div class="custom-carousel-item">
        
      </div>
      <div class="custom-carousel-item">
        
      </div>
    </div>
    <a href="#" class="custom-carousel-prev custom-carousel-
control" data-id='#desktop-carousel'>
      <i class="fa fa-chevron-left" aria-hidden="true"></i>
    </a>
    <a href="#" class="custom-carousel-next custom-carousel-
control" data-id='#desktop-carousel'>
      <i class="fa fa-chevron-right" aria-hidden="true"></i>
    </a>
    <div class="custom-carousel-dots">
    </div>
  </div>

  <!-- main content start -->
  <div class="container">
    <div class="row mt-5 mb-5">
      <div class="col-lg-7 col-12">
        <h2>Kako možemo da Vam pomognemo?</h2>
        <form action="#" class='form mt-3' id='contact-form'>
          <div class="row form-group">
            <div class="col-12 col-lg-6 from-group">
              <label for="ime">Ime</label>
              <input type="text" name="ime" id="ime" class
="form-control" placeholder="Unesite ime ...">
              <div class="invalid-feedback d-
none" id='ime-failed-required'>
                Polje je obavezno
              </div>
              <div class="invalid-feedback d-
none" id='ime-failed-format'>
                Nije pravilan format imena
```

```
        </div>
      </div>
      <div class="col-12 col-lg-6 from-group">
        <label for="prezime">Prezime</label>
        <input type="text" name="prezime" id="prezim
e" class="form-control" placeholder="Unesite prezime ...">
        <div class="invalid-feedback d-
none" id='prezime-failed-required'>
          Polje je obavezno
        </div>
        <div class="invalid-feedback d-
none" id='prezime-failed-format'>
          Nije pravilan format prezimena
        </div>
      </div>
    </div>
    <div class="row form-group">
      <div class="col-12 col-lg-6 from-group">
        <label for="telefon">Telefon</label>
        <input type="text" name="telefon" id="telefo
n" class="form-control" placeholder="Unesite telefon ...">
        <div class="invalid-feedback d-
none" id='telefon-failed-required'>
          Polje je obavezno
        </div>
        <div class="invalid-feedback d-
none" id='telefon-failed-format'>
          Nije pravilan format telefona
        </div>
      </div>
      <div class="col-12 col-lg-6 from-group">
        <label for="email">E-mail</label>
        <input type="text" name="email" id="email" c
lass="form-control" placeholder="Unesite e-mail adresu ...">
        <div class="invalid-feedback d-
none" id='email-failed-required'>
          Polje je obavezno
        </div>
        <div class="invalid-feedback d-
none" id='email-failed-format'>
          Nije pravilan format email adrese
        </div>
      </div>
    </div>
```

```
        </div>
      </div>
      <div class="row form-group">
        <div class="col-12 form-group">
          <label for="poruka">Poruka</label>
          <textarea name="poruka" id="poruka" cols="30
" rows="10" class="form-
control" placeholder="Unesite poruku ..."></textarea>
          <div class="invalid-feedback d-
none" id='poruka-failed-required'>
            Polje je obavezno
          </div>
        </div>
      </div>
      <div class="row form-group">
        <div class="col-12 form-group d-flex justify-
content-end">
          <button type="submit" class='btn btn-
primary'>
            <i class="fa fa-paper-plane" aria-
hidden="true"></i>
            Pošalji
          </button>
        </div>
      </div>
    </form>
  </div>
  <div class="col-lg-5 col-12">
    <h2>Kontakt informacije</h2>
    <div class="row mt-4">
      <div class="col-12 d-flex">
        <i class="fa fa-phone mt-2" aria-
hidden="true"></i>
        <div class="ml-3">
          <h4>Telefon</h4>
          <p>+ 381 60 123 45 67</p>
        </div>
      </div>
    </div>
    <div class="row mt-4">
      <div class="col-12 d-flex">
```

```

                                <i class="fa fa-envelope mt-2" aria-
hidden="true"></i>
                                <div class="ml-3">
                                    <h4>E-mail</h4>
                                    <p>info@bookstore.com</p>
                                </div>
                            </div>
                        </div>
                    <div class="row mt-4">
                        <div class="col-12 d-flex">
                            <i class="fa fa-clock mt-2" aria-
hidden="true"></i>
                            <div class="ml-3">
                                <h4>Radno vreme</h4>
                                <p>Pon-Sub : 09 - 17h</p>
                            </div>
                        </div>
                    </div>
                    <div class="row mt-4">
                        <div class="col-12 d-flex">
                            <i class="fa fa-building mt-2" aria-
hidden="true"></i>
                            <div class="ml-3">
                                <h4>Adresa</h4>
                                <p>Terazije 15, 11000 Beograd</p>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
            <div id="map" style="width:100%;height:400px;"></div>
            <!-- main content end -->
        </div>

        <!-- footer-start -->
        <div class="bg-dark text-light w-100" id='footer'>
            <div class="container">
                <div class="row">
                    <div class="col-12 d-flex justify-content-between flex-
column flex-md-row">
```

```
        <div class="mt-3 mb-3 d-flex flex-column align-items-
center">
            <i class="fas fa-book-open" style="font-
size: 50px;"></i>
            <h3>BookStore</h3>
        </div>
        <div class="mt-3 mb-3 d-flex flex-column justify-
content-center align-items-center">
            <p class="text-
center">Copyright © Luka Designs 2020</p>
            <a href="dokumentacija.pdf">Dokumentacija</a>
        </div>
        <div class="mt-3 mb-3 d-flex justify-content-
around align-items-center">
            <a href="https://www.facebook.com/" target="_blank">
<i class="fab fa-facebook fa-lg fa-fw" style="font-
size: 25px; color: white;"></i></a>
            <a href="https://twitter.com/" target="_blank"><i cl
ass="fab fa-twitter fa-lg fa-fw" style="font-
size: 25px; color: white;"></i></a>
            <a href="https://www.instagram.com/" target="_blank"
><i class="fab fa-instagram fa-lg fa-fw" style="font-
size: 25px; color: white;"></i></a>
        </div>
    </div>
</div>
</div>
<!-- footer-end -->

<!-- page js -->
<script src="https://code.jquery.com/jquery-
3.5.1.min.js" integrity="sha256-
9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0=" crossorigin="anonymous"></scri
pt>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popp
er.min.js" integrity="sha384-
9/reFTGAw83EW2RDu2S0VKaIzap3H661ZH81PoYlFhbGU+6BZp6G7niu735Sk71N" crossorigi
n="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootst
rap.min.js" integrity="sha384-
```

```
w1Q4orYjBQndcko6MimVbzY0tgp4pWB4lZ7lr30WKz0vr/aWKhXdBNmNb5D92v7s" crossorigin="anonymous"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/notify/3.1.4/notify.min.js" integrity="sha512-10rm9FgT1LK0JRUXF3tp6QaMorJftUjow0WiDcG5GFZ/q7ukof19V0HKx/GWzXCdt9zYju3/KhBNdCLzK8b90Q==" crossorigin="anonymous"></script>
  <script src="js/carousel.js"></script>
  <script src="js/books.js"></script>
  <script src="js/cart.js"></script>
  <script src="js/contact.js"></script>
  <script src="js/map.js"></script>
  <script async defer src="https://maps.googleapis.com/maps/api/js?key=AIzaSyBxPwWL0jmPKX2Tm0Ifq4eo_pEFfwGR01s&callback=initMap"></script>
</body>
</html>
```

## CSS

```
#knjige {
  justify-content: space-around;
}

.image-holder {
  width: 100%;
  display: flex;
  justify-content: center;
}

.image-holder img {
  height: 320px;
  width: 210px;
}

.card-body h5 {
  height: 50px;
}

.card-body .author {
  height: 50px;
}

.book-listing {
  margin: 5px;
  width: 210px;
}

.no-scroll {
  overflow: hidden;
}

.book-modal {
  position: fixed;
  top: 0; right: 0; bottom: 0; left: 0;
  width: 100vw;
  height: 100vh;
  background-color: rgba( 0, 0, 0, 0.5);
  z-index: 9999;
  overflow-y: scroll;
}
```



```
.book-modal .book-modal-content {
  margin-top: 60px;
  margin-bottom: 60px;
  border-radius: 10px;
  padding: 10px;
}

.book-modal-image-holder img{
  border-radius: 10px;
}

.book-modal-image-holder,.book-modal-text-holder {
  margin-left: 15px;
  margin-right: 15px;
}

.cart-image {
  height: 100px;
}

#cart-content td {
  vertical-align: middle;
}

html, body {
  min-height: 100vh;
}

body {
  display: flex;
  flex-direction: column;
  justify-content: space-between;
}

#footer {
  padding-top: 50px;
  padding-bottom: 50px;
}

#korpa-items {
  max-height: 300px;
}
```

```
        overflow-y: scroll;
    }

    #korpa {
        width: 290px;
    }

    .cart-controls {
        width: 60px;
    }

    .cart-count {
        padding: 5px;
        background-color: rgb(233, 236, 239);
        border-top: 1px solid rgb(206, 212, 218);
        border-bottom: 1px solid rgb(206, 212, 218);
        width: 25px;
        display: flex;
        justify-content: center;
        align-items: center;
    }

    .input-group-prepend .input-group-text, .input-group-append .input-
group-text {
        padding: 4px;
    }

    .input-group-prepend .input-group-text {
        border-right: none;
    }

    .input-group-append .input-group-text {
        border-left: none;
    }

    .remove-from-cart {
        padding: 4px;
    }

    .cart-row-mobile {
        border-top: 1px solid rgb(206, 212, 218);
        border-bottom: 1px solid rgb(206, 212, 218);
    }
}
```

```
padding-top: 10px;
padding-bottom: 10px;
}

.custom-carousel {
  position: relative;
}

.custom-carousel .custom-carousel-content .custom-carousel-item {
  display: none;
}

.custom-carousel .custom-carousel-control {
  position: absolute;
  height: 100%;
  display: flex;
  align-items: center;
  top: 0;
  font-size: 100px;
  opacity: 50%;
  color: white;
}

.custom-carousel .custom-carousel-control:hover {
  text-decoration: none;
  opacity: 75%;
}

.custom-carousel .custom-carousel-next {
  right: 0;
  padding-right: 20px;
}

.custom-carousel .custom-carousel-prev {
  left: 0;
  padding-left: 20px;
}

.custom-carousel .custom-carousel-dots {
  width: 100%;
  display: flex;
  justify-content: center;
```

```
    position: absolute;
    bottom: 0;
    padding-bottom: 15px;
  }

  .custom-carousel .custom-carousel-dot {
    margin: 5px;
    height: 20px;
    width: 20px;
    border: 2px solid white;
    opacity: 50%;
    border-radius: 20px;
  }

  .custom-carousel .custom-carousel-dot:hover {
    text-decoration: none;
    opacity: 75%;
  }

  .custom-carousel .custom-carousel-dot.active {
    background-color: white;
    opacity: 50%;
  }

  .custom-carousel .custom-carousel-dot.active:hover {
    text-decoration: none;
    opacity: 75%;
  }

  @media only screen and (max-width: 600px) {
    .custom-carousel .custom-carousel-control {
      font-size: 50px;
    }

    .custom-carousel .custom-carousel-dot {
      height: 10px;
      width: 10px;
    }
  }
}
```

## JavaScript

### Books.js

```
class Book {
  constructor (item) {
    this.id = item.id;
    this.url = item.url;
    this.category = item.category;
    this.image_small = item.image_small;
    this.image_large = item.image_large;
    this.image_alt = item.image_alt;
    this.title = item.title;
    this.author = item.author;
    this.price = item.price;
    this.description = item.description;
  }

  getFormattedPrice() {
    return this.price.toLocaleString();
  }

  getCartRowHTML(count) {
    let total = this.price * count;
    total = total.toLocaleString();

    return `
    <tr>
      <td>${this.id}</td>
      <td>
        
        ${this.title}
      </td>
      <td>
        ${this.getFormattedPrice()} RSD
      </td>
      <td>
        <div class="input-group">
          <div class="input-group-prepend">
            <button class="input-group-text decrement-cart-
item" data-id='${this.id}'>-</button>
          </div>

```

```
        <div class='cart-count'>${count}</div>
        <div class="input-group-append">
            <button class="input-group-text increment-cart-
item" data-id='${this.id}'>+</button>
            <button class="btn btn-danger remove-from-
cart" data-id='${this.id}'>
                <i class="fa fa-times" aria-hidden="true" data-
id='${this.id}'></i>
            </button>
        </div>
    </div>
</td>
<td>${total} RSD</td>
</tr>
`;
}

getCartRowHTMLMobile(count) {
    let total = this.price * count;
    total = total.toLocaleString();

    return `
        <div class="row d-flex justify-content-around cart-row-mobile">
            <div class='col-3 d-flex justify-content-center'>
                
            </div>
            <div class='col-9 d-flex flex-column'>
                <div class='w-100 d-flex flex-row justify-content-
between align-items-center'>
                    <span class='cart-title'>${this.title}</span> <br>
                    <i class="fa fa-times remove-from-cart" aria-
hidden="true" data-id='${this.id}'></i>
                </div>
                <div class='mt-3 w-100 d-flex flex-row justify-content-
between align-items-end'>
                    <span class='cart-price'>${total} RSD</span>
                    <div class="input-group cart-controls">
                        <div class="input-group-prepend">
                            <button class="input-group-text decrement-
cart-item" data-id='${this.id}'>-</button>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    `;
}
```

```
        <div class='cart-count'>
            <span>${count}</span>
        </div>
        <div class="input-group-append">
            <button class="input-group-text increment-
cart-item" data-id='${this.id}'>+</button>
        </div>
    </div>
</div>
</div>
</div>
</div>
</div>

    }

    getListingHTML() {
        return `
        <div class='book-listing' data-category='${this.category}'>
            <div class="card">
                <a href="#" class='image-holder toggle-book-modal' data-
id='#book-modal-${this.id}'>
                    
                </a>
                <div class='card-body'>
                    <h5 class="text-center">
                        <a href="#" class='toggle-book-modal' data-
id='#book-modal-${this.id}'>${this.title}</a>
                    </h5>
                    <p class="author text-center">${this.author}</p>
                    <p class="text-
center">${this.getFormattedPrice()} RSD</p>
                    <div class='col-12 d-flex justify-content-center'>
                        <button href="#" class="btn btn-primary add-to-
cart" data-id=${this.id}>Dodaj u korpu</button>
                    </div>
                </div>
            </div>
        </div>
        `;
    }
}
```

```
getCartHTML(count) {
  let total = this.price * count;
  total = total.toLocaleString();

  return `
    <li class="list-group-item d-flex flex-column">
      <div class='w-100 d-flex flex-row justify-content-between align-items-center'>
        <span class='cart-title'>${this.title}</span> <br>
        <i class="fa fa-times remove-from-cart" aria-hidden="true" data-id='${this.id}'></i>
      </div>
      <div class='mt-3 w-100 d-flex flex-row justify-content-between align-items-end'>
        <span class='cart-price'>${total} RSD</span>
        <div class="input-group cart-controls">
          <div class="input-group-prepend">
            <button class="input-group-text decrement-cart-item" data-id='${this.id}'>-</button>
          </div>
          <div class='cart-count'>
            <span>${count}</span>
          </div>
          <div class="input-group-append">
            <button class="input-group-text increment-cart-item" data-id='${this.id}'>+</button>
          </div>
        </div>
      </div>
    </li>
  `;
}

getModalHTML() {
  return `
    <div class="book-modal" id="book-modal-${this.id}" style='display: none;'>
      <div class="container bg-white book-modal-content">
        <div class="row">
          <div class="col-6">
            <h1>${this.title}</h1>
          </div>
        </div>
      </div>
    </div>
  `;
}
```



```
        <div class="col-6 d-flex justify-content-end">
            <button class="btn btn-lg btn-danger close-book-
modal">

                <i class="fa fa-times" aria-hidden="true"></i>
            </button>
        </div>
    </div>
    <div class="row mt-2 flex-nowrap">
        <div class="book-modal-image-holder d-none d-lg-block">
            

        </div>
        <div class='book-modal-text-holder'>
            <h3>Opis knjige:</h3>
            <p class="text-justify mt-2">
                ${this.description}
            </p>
            <div class="row justify-content-between mt-2">
                <div class='book-modal-text-holder'>
                    <h4>Cena: ${this.getFormattedPrice()} RSD</h
4>

                </div>
                <div class='book-modal-text-holder'>
                    <button href="#" class="btn btn-primary add-
to-cart" data-id='${this.id}'>Dodaj u korpu</button>
                </div>
            </div>
        </div>
    </div>
</div>
`;
    }
}

class Books {
    constructor() {
        $.ajax({
            url : 'data/books.json',
            method : 'GET',
            async : false,
            success : (data) => {
                this.data = [];
            }
        });
    }
}
```

```
        data.forEach(item => {
            this.data.push(new Book(item));
        })
    }
});
}

getBookById(id) {
    const count = this.data.length;

    for (let i = 0; i < count; i++) {
        if (this.data[i].id == id)
            return this.data[i];
    }

    return null;
}

loadBooks(data) {
    let html = "";

    data.forEach((item) => {
        html += item.getListingHTML();
    });

    document.getElementById('knjige').innerHTML = html;
}

loadModals(data) {
    let html = "";

    data.forEach((item) => {
        html += item.getModalHTML();
    });

    document.getElementById('modals').innerHTML = html;
}

filterBooks(filter) {
    return this.data.filter((item) => {
        return item.category === filter;
    });
}
```

```
    });  
  }  
  
  filterBooksEvent(event) {  
    let element = event.target;  
    let filter = element.getAttribute('data-filter');  
  
    let filtered_books;  
  
    if (filter === "all") {  
      filtered_books = this.data;  
    } else {  
      filtered_books = this.filterBooks(filter);  
    }  
  
    $('#knjige').fadeOut('slow');  
    setTimeout(() => {  
      document.getElementById('knjige').innerHTML = "";  
      this.loadBooks(filtered_books);  
      $('#knjige').fadeIn('slow');  
    }, 500);  
  
    this.removeActiveClassesFromFilterButtons();  
    element.classList.add('active');  
  }  
  
  removeActiveClassesFromFilterButtons() {  
    let toggleFilterElements = document.getElementsByClassName('toggle-  
filter');  
  
    Array.from(toggleFilterElements).forEach(element => {  
      element.classList.remove('active');  
    });  
  }  
}  
  
let books = new Books();
```

## Buy.js

```
class BuyForm {
  constructor () {
    this.imeValid = false;
    this.drzavaValid = false;
    this.drzavaManualValid = false;
    this.drzavaManualRequired = false;
    this.adresaValid = false;
    this.postanskiBrojValid = false;
    this.mestoValid = false;
    this.telefonValid = false;
    this.emailValid = false;
  }

  requiredTextValidation(value) {
    if (value.trim().length === 0)
      return false;

    return true;
  }

  requiredSelectValidation(value) {
    if (value == 0)
      return false;

    return true;
  }

  emailValidation(value) {
    let regex = /^[\w-\.\.]+\@([\w-]+\.\.)+[\w-]{2,4}$/g;

    return regex.test(value);
  }

  phoneValidation(value) {
    let regex = /^[+]*[(]{0,1}[0-9]{1,4}[)]{0,1}[-\s\./0-9]*$/g;

    return regex.test(value);
  }

  nameValidation(value) {
```

```

        let regex = /^[a-zA-ZàáâãäåąčćèéêëëìíîïïłńòóôõöøùúûüüýýźżñçčšžÀÁÂÃÄÅĄĆČĖĘĒĚĚİİİİŁŃÓÔÕÖØÙÚÛÜÝŹŻŹŹÀÁÂÃÄÅĄĆČĖĘĒĚİİİİŁŃÓÔÕÖØÙÚÛÜÝŹŻŹŹŢÇÆČŠŽð , . ' - ] + $ / u;

        return regex.test(value);
    }

    validateIme() {
        let element = $('#name');
        let value = element.val();
        this.imeValid = false;

        let required = false;
        if (!this.requiredTextValidation(value)) {
            element.addClass('is-invalid');
            $('#name-failed-required').removeClass('d-none');
        }
        else {
            required = true;
            $('#name-failed-required').addClass('d-none');
        }

        let validInput = false;
        if (!this.nameValidation(value)) {
            element.addClass('is-invalid');
            $('#name-failed-format').removeClass('d-none');
        }
        else {
            validInput = true;
            $('#name-failed-format').addClass('d-none');
        }

        if (required && validInput) {
            element.addClass('is-valid');
            element.removeClass('is-invalid');
            this.imeValid = true;
        }

        return this.imeValid;
    }

    validateDrzava() {

```

```
let element = $('#drzava');
let value = element.val();
this.drzavaValid = false;

if (!this.requiredSelectValidation(value)) {
  element.addClass('is-invalid');
  $('#drzava-failed-required').removeClass('d-none');
}
else {
  $('#drzava-failed-required').addClass('d-none');
  element.removeClass('is-invalid');
  element.addClass('is-valid');
  this.drzavaValid = true;
}

if (value == 5) {
  $('#drzava_manual_group').removeClass('d-none');
  this.drzavaManualRequired = true;
  this.drzavaManualValid = false;
}
else {
  $('#drzava_manual_group').addClass('d-none');
  this.drzavaManualRequired = false;
  this.drzavaManualValid = true;
}

return this.drzavaValid;
}

validateDrzavaManual() {
  let element = $('#drzava_manual');
  let value = element.val();
  this.drzavaManualValid = false;

  let required = false;
  if (this.drzavaManualRequired && !this.requiredTextValidation(value))
  ) {
    element.addClass('is-invalid');
    $('#drzava_manual-failed-required').removeClass('d-none');
  }
  else {
    required = true;
  }
}
```

```
        $('#drzava_manual-failed-required').addClass('d-none');
    }

    if (required) {
        element.addClass('is-valid');
        element.removeClass('is-invalid');
        this.drzavaManualValid = true;
    }

    return this.drzavaManualValid;
}

validateAdresa() {
    let element = $('#ulica_i_broj');
    let value = element.val();
    this.adresaValid = false;

    let required = false;
    if (!this.requiredTextValidation(value)) {
        element.addClass('is-invalid');
        $('#ulica_i_broj-failed-required').removeClass('d-none');
    }
    else {
        required = true;
        $('#ulica_i_broj-failed-required').addClass('d-none');
    }

    if (required) {
        element.addClass('is-valid');
        element.removeClass('is-invalid');
        this.adresaValid = true;
    }

    return this.adresaValid;
}

validatePostanskiBroj() {
    let element = $('#postanski_broj');
    let value = element.val();
    this.postanskiBrojValid = false;

    let required = false;
```

```
    if (!this.requiredTextValidation(value)) {
        element.addClass('is-invalid');
        $('#postanski_broj-failed-required').removeClass('d-none');
    }
    else {
        required = true;
        $('#postanski_broj-failed-required').addClass('d-none');
    }

    if (required) {
        element.addClass('is-valid');
        element.removeClass('is-invalid');
        this.postanskiBrojValid = true;
    }

    return this.postanskiBrojValid;
}

validateMesto() {
    let element = $('#mesto');
    let value = element.val();
    this.mestoValid = false;

    let required = false;
    if (!this.requiredTextValidation(value)) {
        element.addClass('is-invalid');
        $('#mesto-failed-required').removeClass('d-none');
    }
    else {
        required = true;
        $('#mesto-failed-required').addClass('d-none');
    }

    if (required) {
        element.addClass('is-valid');
        element.removeClass('is-invalid');
        this.mestoValid = true;
    }

    return this.mestoValid;
}
```



```
validateTelefon() {
  let element = $('#telefon');
  let value = element.val();
  this.telefonValid = false;

  let required = false;
  if (!this.requiredTextValidation(value)) {
    element.addClass('is-invalid');
    $('#telefon-failed-required').removeClass('d-none');
  }
  else {
    required = true;
    $('#telefon-failed-required').addClass('d-none');
  }

  let validInput = false;
  if (!this.phoneValidation(value)) {
    element.addClass('is-invalid');
    $('#telefon-failed-format').removeClass('d-none');
  }
  else {
    validInput = true;
    $('#telefon-failed-format').addClass('d-none');
  }

  if (required && validInput) {
    element.addClass('is-valid');
    element.removeClass('is-invalid');
    this.telefonValid = true;
  }

  return this.telefonValid;
}

validateEmail() {
  let element = $('#email');
  let value = element.val();
  this.emailValid = false;

  let required = false;
  if (!this.requiredTextValidation(value)) {
    element.addClass('is-invalid');
```

```
        $('#email-failed-required').removeClass('d-none');
    }
    else {
        required = true;
        $('#email-failed-required').addClass('d-none');
    }

    let validInput = false;
    if(!this.emailValidation(value)) {
        element.addClass('is-invalid');
        $('#email-failed-format').removeClass('d-none');
    }
    else {
        validInput = true;
        $('#email-failed-format').addClass('d-none');
    }

    if (required && validInput) {
        element.addClass('is-valid');
        element.removeClass('is-invalid');
        this.emailValid = true;
    }

    return this.emailValid;
}

isValid() {
    this.validateIme();
    this.validateDrzava();
    this.validateDrzavaManual();
    this.validateAdresa();
    this.validatePostanskiBroj();
    this.validateMesto();
    this.validateTelefon();
    this.validateEmail();

    return this.imeValid == true &&
        this.drzavaValid == true &&
        this.drzavaManualValid == true &&
        this.adresaValid == true &&
        this.postanskiBrojValid == true &&
```

```
        this.mestoValid == true &&  
        this.telefonValid == true &&  
        this.emailValid == true;  
    }  
}  
  
$(function () {  
    //init korpe  
    cart.onCartPage = true;  
    if (cart.cart.length !== 0) {  
        $('.cart-has-items').removeClass('d-none');  
        $('#cart-has-no-items').addClass('d-none');  
    } else {  
        $('.cart-has-items').addClass('d-none');  
        $('#cart-has-no-items').removeClass('d-none');  
    }  
  
    //init forme  
    let buyForm = new BuyForm();  
  
    $('#name').blur((event) => {  
        buyForm.validateIme();  
    });  
  
    $('#ulica_i_broj').blur((event) => {  
        buyForm.validateAdresa();  
    });  
  
    $('#postanski_broj').blur((event) => {  
        buyForm.validatePostanskiBroj();  
    });  
  
    $('#mesto').blur((event) => {  
        buyForm.validateMesto();  
    });  
  
    $('#telefon').blur((event) => {  
        buyForm.validateTelefon();  
    });  
  
    $('#email').blur((event) => {  
        buyForm.validateEmail();  
    });  
});
```

```
});

$('#drzava').change((event) => {
    buyForm.validateDrzava();
});

$('#drzava_manual').blur((event) => {
    buyForm.validateDrzavaManual();
});

$('#buy-form').on('reset', (event) => {
    $('.invalid-feedback').addClass('d-none');
    $('.form-control').removeClass('is-valid');
    $('.form-control').removeClass('is-invalid');
});

$('#buy-form').on('submit', (event) => {
    event.preventDefault();
    if (buyForm.isValid()) {
        $('#success-kupovina').removeClass('d-none');
        localStorage.clear('cart');
        cart = new Cart();
        cart.loadCartPage();
    }
});
})
```

### Carousel.js

```
class Carousel {
    constructor (id) {
        //init carousel-a
        this.id = id;
        this.items = Array.from($('.${this.id} .custom-carousel-content .custom-carousel-item'));

        if (this.items.length > 0) {
            $(this.items[0]).fadeIn('slow');
            this.index = 0;
            this.itemCount = this.items.length;
            this.initDots();
            this.setRotation();
        }
    }
}
```

```
    }  
  }  
  
  getItem(index) {  
    return $(this.items[index]);  
  }  
  
  getDot(index) {  
    return $(this.dots[index]);  
  }  
  
  initDots () {  
    //generisanje tackica  
    let dotsHTML = '';  
  
    for (let i = 0; i < this.itemCount; i++) {  
      let active = i == 0 ? 'active' : '';  
      dotsHTML += `  
        <a href="#" class="custom-carousel-dot ${active}"></a>  
      `;  
    }  
  
    //postavljanje tackica na svoje mesto  
    $(`${this.id} .custom-carousel-dots`).html(dotsHTML);  
  
    //smestanje tackica u niz za dalju upotrebu  
    this.dots = Array.from($(`${this.id} .custom-carousel-dots .custom-  
carousel-dot`));  
  }  
  
  setRotation() {  
    if (this.interval) {  
      clearInterval(this.interval);  
    }  
  
    this.interval = setInterval(() => {  
      this.nextSlide()  
    }, 3500);  
  }  
  
  nextSlide() {  
    //ako je na kraju, staviti index na pocetak
```

```
let nextIndex = this.index + 1 == this.itemCount ? 0 : this.index +
1;

let currentItem = this.getItem(this.index);
let nextItem = this.getItem(nextIndex);

//fade out trenutne slike
currentItem.fadeOut('slow');

//mora se sacekati da se trenutna animacija završi
setTimeout(() => {
  //dodaju se ove klase da se ne pomera sarzaj ostatka strane
  currentItem.addClass('d-none');
  nextItem.removeClass('d-none');

  //fade-in nove slike
  nextItem.fadeIn('slow');

  //update-tacke
  this.getDot(this.index).removeClass('active');
  this.getDot(nextIndex).addClass('active');

  //update index-a
  this.index = nextIndex;
}, 500);
}

prevSlide() {
  //ako je na pocetku, stavi na kraj
  let prevIndex = this.index - 1 < 0 ? this.itemCount -
1 : this.index - 1;

  let currentItem = this.getItem(this.index);
  let prevItem = this.getItem(prevIndex);

  //fade out trenutne slike
  currentItem.fadeOut('slow');

  //mora se sacekati da se trenutna animacija završi
  setTimeout(() => {
    //dodaju se ove klase da se ne pomera sarzaj ostatka strane
    currentItem.addClass('d-none');
```

```
prevItem.removeClass('d-none');

//fade-in nove slike
prevItem.fadeIn('slow');

//update-tacke
this.getDot(this.index).removeClass('active');
this.getDot(prevIndex).addClass('active');

//update index-a
this.index = prevIndex;
}, 500);
}

dotClick(index) {
  //spredavanje dogadjaja ako se pritisne na trenutnu tacku
  if (this.index !== index) {
    let currentItem = this.getItem(this.index);
    let dotItem = this.getItem(index);

    //fade out trenutne slike
    currentItem.fadeOut('slow');

    //mora se sacekati da se trenutna animacija završi
    setTimeout(() => {
      //dodaju se ove klase da se ne pomera sarzaj ostatka strane
      currentItem.addClass('d-none');
      dotItem.removeClass('d-none');

      //fade-in nove slike
      dotItem.fadeIn('slow');

      //update-tacke
      this.getDot(this.index).removeClass('active');
      this.getDot(index).addClass('active');

      //update index-a
      this.index = index;
    }, 500);

    //ponistavanje rotacije
    this.setRotation();
  }
}
```

```
    }  
  }  
}  
  
//registrovanje klikova na carousel  
//mora se definisati van objekta  
function initEvents(carouselObject) {  
  $('` ${carouselObject.id} .custom-carousel-prev`).click((event) => {  
    carouselObject.prevSlide();  
  
    //ponistavanje rotacije  
    carouselObject.setRotation();  
  });  
  
  $('` ${carouselObject.id} .custom-carousel-next`).click((event) => {  
    carouselObject.nextSlide();  
  
    //ponistavanje rotacije  
    carouselObject.setRotation();  
  });  
  
  //postavljanje event klika na tackice  
  for (let i = 0; i < carouselObject.itemCount; i++) {  
    $(carouselObject.dots[i]).click((event) => {  
      carouselObject.dotClick(i);  
    });  
  }  
}  
  
$(function () {  
  let desktopCarousel = new Carousel('#desktop-carousel');  
  initEvents(desktopCarousel);  
  
  let mobileCarousel = new Carousel('#mobile-carousel');  
  initEvents(mobileCarousel);  
});
```



### Cart.js

```
class Cart {
  constructor () {
    this.cart = JSON.parse(localStorage.getItem('cart'));

    if (this.cart === null)
      this.cart = [];

    this.loadCart();
    this.onCartPage = false;
    this.totalPrice = 0;
  }

  setToLocalStorage() {
    localStorage.setItem('cart', JSON.stringify(this.cart));
    this.loadCart();

    if (this.onCartPage)
      this.loadCartPage();
  }

  getTotalCount() {
    let count = 0;

    this.cart.forEach(item => {
      count += item.count;
    });

    return count;
  }

  getTotalPrice() {
    let total = this.totalPrice.toLocaleString();
    $('#total-price').html(total);
  }

  loadCartPage() {
    if (this.cart.length !== 0) {
      $('#cart-has-no-items').addClass('d-none');
      $('.cart-has-items').removeClass('d-none');
    }

    this.totalPrice = 0;
  }
}
```

```
    let html = '';
    let htmlMobile = '';

    this.cart.forEach(item => {
        let book = books.getBookById(item.id);
        if (book != null) {
            html += book.getCartRowHTML(item.count);
            htmlMobile += book.getCartRowHTMLMobile(item.count);
        }

        this.totalPrice += item.count * book.price;
    });

    $('#cart-content').html(html);
    $('#cart-content-mobile').html(htmlMobile);
    this.getTotalPrice();
} else {
    $('#cart-has-no-items').removeClass('d-none');
    $('.cart-has-items').addClass('d-none');
}

this.onCartPage = true;
}

loadCart() {
    if (this.cart.length !== 0) {
        $('#korpa-empty').addClass('d-none');

        let html = '';

        this.cart.forEach(item => {
            let book = books.getBookById(item.id);
            if (book != null)
                html += book.getCartHTML(item.count);
        })

        $('#korpa-items').html(html);
    } else {
        $('#korpa-empty').removeClass('d-none');
        $('#korpa-items').html('');
    }
}
```

```
    let count = this.getTotalCount();
    $('#total-count').html(`${count}`);
  }

  addToCart(id) {
    if (this.getById(id) === null) {
      this.cart.push({
        id: id,
        count: 1
      });
      this.setToLocalStorage();
      this.showNotification();
    } else {
      let confirmed = confirm("Izabrani artikal je već u korpi. Da li  
želite da povećate količinu?");

      if (confirmed) {
        this.incrementCartItem(id);
        this.showNotification();
      }
    }
  }

  showNotification() {
    new Noty({
      text: 'Artikal dodat u korpu.',
    }).show();
  }

  incrementCartItem(id) {
    this.cart.forEach(item => {
      if (item.id == id) {
        item.count++;
      }
    })
    this.setToLocalStorage();
  }

  decrementCartItem(id) {
    this.cart.forEach((item, index) => {
      if (item.id == id) {
        item.count--;
      }
    })
  }
}
```

```
        if (item.count === 0) {
            this.cart.splice(index, 1);
        }
    }
})
this.setToLocalStorage();
}

removeCartItem(id) {
    this.cart.forEach((item, index) => {
        if (item.id == id) {
            this.cart.splice(index, 1);
        }
    })
    this.setToLocalStorage();
}

getById(id) {
    let count = this.cart.length;

    for (let i = 0; i < count; i++) {
        if (this.cart[i].id === id)
            return this.cart[i];
    }

    return null;
}
}

let cart;

$(function () {
    cart = new Cart();

    $(document).on('click', '.add-to-cart', (event) => {
        let element = $(event.target);
        let id = element.data('id');

        cart.addToCart(id);
    });
});
```

```
$(document).on('click', '.increment-cart-item', (event) => {
    event.stopPropagation();
    let element = $(event.target);
    let id = element.data('id');

    cart.incrementCartItem(id);
});

$(document).on('click', '.decrement-cart-item', (event) => {
    event.stopPropagation();
    let element = $(event.target);
    let id = element.data('id');

    cart.decrementCartItem(id);
});

$(document).on('click', '.remove-from-cart', (event) => {
    event.stopPropagation();
    let element = $(event.target);
    let id = element.data('id');

    cart.removeCartItem(id);
});
})
```

cartPage.js

```
$(function () {
    cart.loadCartPage();
});
```

## Contact.js

```
class ContactForm {  
    constructor () {  
        this.imeValid = false;  
        this.prezimeValid = false;  
        this.telefonValid = false;  
        this.emailValid = false;  
        this.porukaValid = false;  
    }  
  
    requiredTextValidation(value) {  
        if (value.trim().length === 0)  
            return false;  
  
        return true;  
    }  
  
    requiredSelectValidation(value) {  
        if (value == 0)  
            return false;  
  
        return true;  
    }  
  
    emailValidation(value) {  
        let regex = /^[w-\.] + @ ([ w - ]+ \ . ) + [ w - ] { 2 , 4 } $ / g ;  
  
        return regex.test(value);  
    }  
  
    phoneValidation(value) {  
        let regex = /^ [+]* [(]{ 0 , 1 } [ 0-9 ]{ 1 , 4 } []]{ 0 , 1 } [-\ s\. / 0-9] *$ / g ;  
  
        return regex.test(value);  
    }  
  
    nameValidation(value) {  
        let regex = /^[a-zA-ZàáâãäåçćèéêëìíîïłńòóôõöøùúûüűȳýźżñčšžÀÁÂÃÄÅĀĂĄĆČÊËĚÉİÎÍŁıŃÓÔÕÖØÙÚÛÜ  
ǪǫỲÝŽŻÑßÇÆǺŠŽðð , . '- ]+$ / u ;
```

```
}

validateIme() {
  let element = $('#ime');
  let value = element.val();
  this.imeValid = false;

  let required = false;
  if (!this.requiredTextValidation(value)) {
    element.addClass('is-invalid');
    $('#ime-failed-required').removeClass('d-none');
  }
  else {
    required = true;
    $('#ime-failed-required').addClass('d-none');
  }

  let validInput = false;
  if (!this.nameValidation(value)) {
    element.addClass('is-invalid');
    $('#ime-failed-format').removeClass('d-none');
  }
  else {
    validInput = true;
    $('#ime-failed-format').addClass('d-none');
  }

  if (required && validInput) {
    element.addClass('is-valid');
    element.removeClass('is-invalid');
    this.imeValid = true;
  }

  return this.imeValid;
}

validatePrezime() {
  let element = $('#prezime');
  let value = element.val();
  this.prezimeValid = false;

  let required = false;
```

```
if (!this.requiredTextValidation(value)) {
    element.addClass('is-invalid');
    $('#prezime-failed-required').removeClass('d-none');
}
else {
    required = true;
    $('#prezime-failed-required').addClass('d-none');
}

let validInput = false;
if(!this.nameValidation(value)) {
    element.addClass('is-invalid');
    $('#prezime-failed-format').removeClass('d-none');
}
else {
    validInput = true;
    $('#prezime-failed-format').addClass('d-none');
}

if (required && validInput) {
    element.addClass('is-valid');
    element.removeClass('is-invalid');
    this.prezimeValid = true;
}
}

validateTelefon() {
    let element = $('#telefon');
    let value = element.val();
    this.telefonValid = false;

    let required = false;
    if (!this.requiredTextValidation(value)) {
        element.addClass('is-invalid');
        $('#telefon-failed-required').removeClass('d-none');
    }
    else {
        required = true;
        $('#telefon-failed-required').addClass('d-none');
    }

    let validInput = false;
```



```
if(!this.phoneValidation(value)) {
    element.addClass('is-invalid');
    $('#telefon-failed-format').removeClass('d-none');
}
else {
    validInput = true;
    $('#telefon-failed-format').addClass('d-none');
}

if (required && validInput) {
    element.addClass('is-valid');
    element.removeClass('is-invalid');
    this.telefonValid = true;
}

return this.telefonValid;
}

validateEmail() {
    let element = $('#email');
    let value = element.val();
    this.emailValid = false;

    let required = false;
    if (!this.requiredTextValidation(value)) {
        element.addClass('is-invalid');
        $('#email-failed-required').removeClass('d-none');
    }
    else {
        required = true;
        $('#email-failed-required').addClass('d-none');
    }

    let validInput = false;
    if(!this.emailValidation(value)) {
        element.addClass('is-invalid');
        $('#email-failed-format').removeClass('d-none');
    }
    else {
        validInput = true;
        $('#email-failed-format').addClass('d-none');
    }
}
```

```
    if (required && validInput) {
        element.addClass('is-valid');
        element.removeClass('is-invalid');
        this.emailValid = true;
    }

    return this.emailValid;
}

validatePoruka() {
    let element = $('#poruka');
    let value = element.val();
    this.porukaValid = false;

    let required = false;
    if (!this.requiredTextValidation(value)) {
        element.addClass('is-invalid');
        $('#poruka-failed-required').removeClass('d-none');
    }
    else {
        required = true;
        $('#poruka-failed-required').addClass('d-none');
    }

    if (required) {
        element.addClass('is-valid');
        element.removeClass('is-invalid');
        this.porukaValid = true;
    }

    return this.porukaValid;
}

isValid() {
    this.validateIme();
    this.validatePrezime();
    this.validateTelefon();
    this.validateEmail();
    this.validatePoruka();
}
```

```
        return this.imeValid == true &&
        this.prezimeValid == true &&
        this.telefonValid == true &&
        this.emailValid == true &&
        this.porukaValid == true;
    }
}

$(function () {
    let contactForm = new ContactForm();

    $('#telefon').blur((event) => {
        contactForm.validateTelefon();
    });

    $('#email').blur((event) => {
        contactForm.validateEmail();
    });

    $('#ime').blur((event) => {
        contactForm.validateIme();
    });

    $('#prezime').blur((event) => {
        contactForm.validatePrezime();
    });

    $('#poruka').blur((event) => {
        contactForm.validatePoruka();
    });

    $('#contact-form').on('submit', (event) => {
        event.preventDefault();
        if (contactForm.isValid()) {
            new Noty({
                text: 'Uspešno ste poslali poruku!',
                type: 'success'
            }).show();
        }
    });
});
```

### Home.js

```
$(function () {  
    books.loadBooks(books.data);  
    books.loadModals(books.data);  
  
    let toggleFilterElements = document.getElementsByClassName('toggle-filter');  
  
    Array.from(toggleFilterElements).forEach(element => {  
        element.addEventListener('click', (event) => {  
            books.filterBooksEvent(event);  
        });  
    });  
});
```

### Map.js

```
var map;  
function initMap() {  
    map = new google.maps.Map(document.getElementById("map"), {  
        center: { lat: 44.8176274, lng: 20.4619759 },  
        zoom: 15  
    });  
}
```

## Modal.js

```
class Modal {
  constructor () {
    this.opened = false;
    this.cursorInModal = false;
  }

  open(event) {
    event.preventDefault();
    let element = $(event.target);
    this.id = element.data('id');

    // $(this.id).removeClass('d-none');
    $(this.id).fadeIn('slow');
    $('body').addClass('no-scroll');

    this.opened = true;
  }

  close(event) {
    event.preventDefault();

    $(this.id).fadeOut('slow');
    $('body').removeClass('no-scroll');

    this.opened = false;
  }
}

$(function () {
  let modal = new Modal();

  $(document).on('click', '.toggle-book-modal', (event) => {
    modal.open(event);
  });

  $(document).on('click', '.close-book-modal', (event) => {
    modal.close(event);
  });

  //flag da li je cursor misa u modalu
});
```

```
$(document).on('mouseenter', '.book-modal-  
content', () => { modal.cursorInModal = true; });  
$(document).on('mouseleave', '.book-modal-  
content', () => { modal.cursorInModal = false; });  
  
$(document).on('click', '.book-modal', (event) => {  
    if (modal.opened && modal.cursorInModal == false) {  
        modal.close(event);  
    }  
});  
  
$(document).on('keyup', (event) => {  
    if (event.key == "Escape" && modal.opened) {  
        modal.close(event);  
    }  
});  
});
```