Visoka škola strukovnih studija za informacione i komunikacione tehnologije u Beogradu.

Web programiranje 2

Vanja Veapi 244/19

Airsoft shop „Lambda"

https://godismerciful.github.io/HTML-CSS-JavaScript-Bootstrap-AJAX-and-JSON/index.html

Sadržaj

1. Uvod

Korišćene tehnolgije:

1. HTML
2. CSS
3. Bootstrap
4. JavaScript
5. JSON
6. AJAX
7. Local Storage

2. Funkcionalnosti:

- Dinamicko ispisivanje menija.

- Dinamicko ispisivanje svih podataka iz JSONA.

- Mogućnost prikazivanja trokolumne i četvorokolumne strukture

- Sortiranje po ceni, opadajuće ili rastuće i po nazivu kreatora replike.

- Validacija forme, ispsuju se greške ako je loše popunjena forma na obaveznim poljima.

3. Kodovi

Index.html

```html
<!DOCTYPE html>
<html lang="sr">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="description" content='Kupuj najkvalitenije! Airsoft prodavnica "Lambda" sa najbržom dostavom i najkvalitenijom opreom u regionu.'>
    <meta name="keywords" content="Airsoft,prodavnica,lambda">
    <meta name="author" content="Vanja Veapi">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
    <link rel="icon" href="logo.ico" type="image/gif" sizes="64x64">
    <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
    <!--Bootstrap-->
    <link rel="stylesheet" href="css/bootstrap.min.css">
    <!--END-->
    <link rel="stylesheet" href="css/style.min.css">
    <title>AIRSOFT PRODAVNICA | Početna </title>
</head>
<body>
    <div class="row" id="header">
        <div class="col-lg-8"><img src="img/logo.png" alt="Lambda national logo" class="position-absolute" height="100"/></div>

        <div class="col-lg-4 col-md-4 edit">
            <div class="dropdown d-flex justify-content-end">
                <button class="btn btn-secondary m-2 d-sm-block d-none" type="button" id="dropdownMenuButton" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
                    <i class="fa fa-bars" style="font-size:40px;"></i>
                </button>
                <div class="dropdown-menu" aria-labelledby="dropdownMenuButton">
                    <a class="dropdown-item" href="index.html">Početna</a>
                    <a class="dropdown-item" href="checkout.html">Korpa</a>
                    <a class="dropdown-item" href="kontakt.html">Kontakt</a>
                    <a class="dropdown-item" href="autor.html">Autor</a>
                </div>
                <ul class="list-inline d-sm-none" id="list">
                    <!--<li class="list-inline-item"><a href="#">Pocetna</a></li>
                    <li class="list-inline-item"><a href="#">Shop</a></li>
                    <li class="list-inline-item"><a href="#">Kontakt</a></li>-->
                </ul>
            </div>
        </div>

    </div>

    <div class="container-fluid" id="background">

        <div class="container" id="kontejner">
            <div class="row" id="title">
                <div class="col-lg-12"><h1>Doborodošli u airsoft prodavnicu</h1></div>
                <div class="col-lg-12"><h2>Ovde možete pronaći najkvalitenije replike</h2></div>
            </div>
            <div class="d-flex justify-content-start pt-4">
                <select name="orderby" class="orderby" id="lista">
                    <option value="menu_order" selected='selected' id="default">Podrazumevano sortiranje</option>
                    <option value="1" id="proizvodjac">Proizvođač</option>
                    <option value="2" id="sortRa">Sortiraj po ceni: Rastuće</option>
                    <option value="3" id="sortOp">Sortiraj po ceni: Opadajuće</option>
                </select>
            </div>
            <div class="d-flex justify-content-end">
                <i class="fa fa-shopping-cart mt-4 p-2 d-flex justify-content-start" id="korpa">:<input type="number" value="0" id="brojac" disabled></i>
                <button class="mt-4 p-2 d-flex" id="fourColumn"><i class="material-icons font-size" style="font-size:30px">view_comfy</i></button>
                <button class="mt-4 p-2 d-flex" id="threeColumn"><i class="fa fa-th font-size"></i></button>
            </div>
            <div class="row d-flex justify-content-center" id="shop-store">
                <!--<div class="col-lg-2 frame bg-white">
                    <img src="img/products/ak47.jpg" class="img-fluid" alt="AK47"/>
                    <p>Naziv: AK 47 CM.028S</p>
                    <p>Proizvođač: CYMA</p>
                    <p>Cena: &euro;120</p>
                    <input type="button" value="Dodaj u korpu" class="p-1 pr-3 pl-3"/>
                </div>
                <div class="col-lg-2 frame"></div>
                <div class="col-lg-2 frame"></div>
                <div class="col-lg-2 frame"></div>-->
            </div>
        </div>
    </div>
    <div class="row" id="footer">
        <p class="jedan d-flex justify-content-center">Vanja Veapi &copy; 2020</p>
        <p class="dva d-flex justify-content-center">Copyright reserved</p>
    </div>


    <script src="https://code.jquery.com/jquery-3.4.1.min.js" integrity="sha256-CSXorXvZcTkaix6Yvo6HppcZGetbYMGWSFlBw8HfCJo=" crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWld1vI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonym
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js" integrity="sha384-wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl3Qg8ifwB6" crossorigin="anor
    <script src="js/main.js"></script>
</body>
</html>
```

Checkout.html

```html
<!DOCTYPE html>
<html lang="sr">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="description" content='Kupuj najkvalitenije! Airsoft prodavnica "Lambda" sa najbržom dostavom i najkvalitenijom opremu u regionu.'>
    <meta name="keywords" content="Airsoft,prodavnica,lambda">
    <meta name="author" content="Vanja Veapi">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
    <link rel="icon" href="logo.ico" type="image/gif" sizes="64x64">
    <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
    <!--Bootstrap-->
    <link rel="stylesheet" href="css/bootstrap.css">
    <!--END-->
    <link rel="stylesheet" href="css/style.css">
    <title>AIRSOFT PRODAVNICA | Korpa </title>
</head>

<body>
    <div class="row" id="header">
        <div class="col-lg-8"><img src="img/logo.png" alt="Lambda national logo" class="position-absolute" height="100"/></div>
        <div class="col-lg-4 col-md-4 edit">
            <div class="dropdown d-flex justify-content-end">
                <button class="btn btn-secondary m-2 d-sm-block d-none" type="button" id="dropdownMenuButton" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
                  <i class="fa fa-bars" style="font-size:40px;"></i>
                </button>
                <div class="dropdown-menu" aria-labelledby="dropdownMenuButton">
                  <a class="dropdown-item" href="index.html">Početna</a>
                  <a class="dropdown-item" href="checkout.html">Korpa</a>
                  <a class="dropdown-item" href="kontakt.html">Kontakt</a>
                  <a class="dropdown-item" href="autor.html">Autor</a>
                </div>
            <ul class="list-inline d-sm-none" id="list">
                <!--<li class="list-inline-item"><a href="#">Pocetna</a></li>
                <li class="list-inline-item"><a href="#">Shop</a></li>
                <li class="list-inline-item"><a href="#">Kontakt</a></li>-->
            </ul>
            </div>
        </div>
    </div>
    <div class="container-fluid" id="background">
        <div class="ads-grid py-sm-5 py-4">
            <div class="container container-korpa" id="content">
                <!--<table class="timetable_sub">
                    <thead>
                        <tr>


    <div class="row" id="footer">
        <p class="jedan d-flex justify-content-center">Vanja Veapi &copy; 2020</p>
        <p class="dva d-flex justify-content-center">Copyright reserved</p>
    </div>
    <!-- //copyright -->

    <!-- js-files -->
    <!-- jquery -->
    <script src="https://code.jquery.com/jquery-3.4.1.min.js" integrity="sha256-CSXorXvZcTkaix6Yvo6HppcZGetbYMGWSFlBw8HfCJo=" crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonym
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js" integrity="sha384-wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl3Og8ifwB6" crossorigin="anony
    <!-- //jquery -->
    <!-- for bootstrap working -->

    <script src="js/main.js"></script>
    <script src="js/cart.js"></script>
</body>
```

Kontakt.html

```html
<!DOCTYPE html>
<html lang="sr">
<head>
    <title>AIRSOFT PRODAVNICA | Kontakt </title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="description" content='Kupuj najkvalitenije! Airsoft prodavnica "Lambda" sa najbržom dostavom i najkvalitenijom opreom u regionu.'>
    <meta name="keywords" content="Airsoft,prodavnica,lambda">
    <meta name="author" content="Vanja Veapi">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
    <link rel="icon" href="logo.ico" type="image/gif" sizes="64x64">
    <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
    <!--Bootstrap-->
    <link rel="stylesheet" href="css/bootstrap.css">
    <!--END-->
    <link rel="stylesheet" href="css/style.css">
</head>
<body>
    <div class="row" id="header">
        <div class="col-lg-8 col-md-8 col-sm-6"><img src="img/logo.png" alt="Lambda national logo" class="position-absolute" height="100"/></div>
        <div class="col-lg-4 col-md-4 edit">
            <div class="dropdown d-flex justify-content-end">
                <button class="btn btn-secondary m-2 d-sm-block d-none" type="button" id="dropdownMenuButton" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
                    <i class="fa fa-bars" style="font-size:40px;"></i>
                </button>
                <div class="dropdown-menu" aria-labelledby="dropdownMenuButton">
                    <a class="dropdown-item" href="index.html">Početna</a>
                    <a class="dropdown-item" href="checkout.html">Korpa</a>
                    <a class="dropdown-item" href="autor.html">Autor</a>
                </div>
                <ul class="list-inline d-sm-none" id="list">
                <!--<li class="list-inline-item"><a href="#">Pocetna</a></li>
                <li class="list-inline-item"><a href="#">Shop</a></li>
                <li class="list-inline-item"><a href="#">Kontakt</a></li>-->
                </ul>
            </div>
        </div>
    </div>


    <div class="container-fluid" id="background">

        <div class="row" id="title">
        </div>
        <div class="container" id="kontakt-forma">
            <div class="d-flex justify-content-start pt-4 pb-4">
                <div class="col-lg-12">
                    <h1 class="d-flex justify-content-center">Kontakt</h1>
                    <form method="post" onsubmit="validate()" id="forma">
```

```html
                <div class="col-lg-12">
                    <h1 class="d-flex justify-content-center">Kontakt</h1>
                    <form method="post" onsubmit="validate()" id="forma">

                        <label for="ime1">Ime</label><p class="boja" id="greskaIme"></p>
                        <input type="text" id="ime" name="ime" placeholder="Vaše ime..."/>

                        <label for="prezime">Prezime</label><p class="boja" id="greskaPrezime"></p>
                        <input type="text" id="prezime" name="prezime" placeholder="Vaše prezime...">

                        <label for="mail">E-mail</label><p class="boja" id="greskaEMail"></p>
                        <input type="text" id="mail" name="mail" placeholder="Vaš email...">

                        <label for="poruka">Poruka (opciono)</label>
                        <textarea id="poruka" name="poruka" placeholder="Ako smo nešto izostavili ovde možete da napišete..." style="height:200px"></textarea>

                        <input type="submit" value="Pošalji" id="dugme"/>
                    </form>
                </div>
            </div>
        </div>
    </div>

    <div class="row" id="footer">
        <p class="jedan d-flex justify-content-center">Vanja Veapi &copy; 2020</p>
        <p class="dva d-flex justify-content-center">Copyright reserved</p>
    </div>



    <script src="https://code.jquery.com/jquery-3.4.1.min.js" integrity="sha256-CSXorXvZcTkaix6Yvo6HppcZGetbYMGWSFlBw8HfCJo=" crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anony
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js" integrity="sha384-wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl3Og8ifw86" crossorigin="ano
    <script src="js/ucitavanje.js"></script>
</body>
</html>
```

Autor.html

```html
1   <!DOCTYPE html>
2   <html lang="sr">
3 ∨ <head>
4       <meta charset="UTF-8">
5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
6       <meta name="description" content='Kupuj najkvalitenije! Airsoft prodavnica "Lambda" sa najbržom dostavom i najkvalitenijom opreom u regionu.'>
7       <meta name="keywords" content="Airsoft,prodavnica,lambda">
8       <meta name="author" content="Vanja Veapi">
9       <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
10      <link rel="icon" href="logo.ico" type="image/gif" sizes="64x64">
11      <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
12      <!--Bootstrap-->
13      <link rel="stylesheet" href="css/bootstrap.css">
14      <!--END-->
15      <link rel="stylesheet" href="css/style.css">
16      <title>AIRSOFT PRODAVNICA | Autor </title>
17  </head>
18 ∨ <body>
19 >     <div class="row" id="header">⋯
41      </div>
42
43 ∨     <div class="container-fluid" id="background">
44
45 ∨         <div class="container" id="kontejner">
46 ∨             <div class="row" id="title">
47                  <div class="col-lg-12"><h1>O autoru</h1></div>
48              </div>
49 ∨             <div id="opis-slika">
50                  <img src="img/o_autoru.jpg" alt="O autoru/Vanja Veapi" />
51              </div>
52 ∨             <div id="opis-autor" class="velicina">
53                  <p>Moje ime je Vanja. Student sam druge godine na ICT-u smer IT. Imam 20 godina i planiram da se bavim front-endom. Pored programiranja imam dosta hobija, jedan od njih je i a
54              </div>
55          </div>
56
57
58      </div>
59
60
61 ∨     <div class="row" id="footer">
62          <p class="jedan d-flex justify-content-center">Vanja Veapi &copy; 2020</p>
63          <p class="dva d-flex justify-content-center">Copyright reserved</p>
64      </div>
65
66
67      <script src="https://code.jquery.com/jquery-3.4.1.min.js" integrity="sha256-CSXorXvZcTkaix6Yvo6HppcZGetbYMGWSFlBw8HfCJo=" crossorigin="anonymous"></script>
68      <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonym
69      <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js" integrity="sha384-wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd11qfktj0Uod8GCExl3Og8ifwB6" crossorigin="anor
70      <script src="js/ucitavanje.js"></script>
```

Style.css

```css
1   *
2   {
3       margin: 0;
4       padding: 0;
5   }
6   html
7   {
8       scroll-behavior: smooth;
9   }
10  a
11  {
12      text-decoration: none;
13      color: white;
14      padding: 27px 20px;
15  }
16  h1,h2
17  {
18      color: #000;
19      -webkit-text-stroke-width: 0.2px;
20    -webkit-text-stroke-color: #fff;
21  }
22  #list a:hover
23  {
24      background-color: white;
25      color: black;
26      text-decoration: none;
27  }
28  li
29  {
30      list-style-type: none;
31  }
32
33  #header
34  {
35      background-color: black;
36  }
37  #header a
38  {
39      text-transform: uppercase;
40  }
41  #header ul
42  {
43      margin-bottom: 0;
44      float: right;
45      padding-right: 1rem;
46  }
```

```css
47    #header li
48    {
49        padding: 20px 0;
50    }
51    .row
52    {
53        margin-right: 0;
54        margin-left: 0;
55    }
56    #title
57    {
58        text-align: center;
59        padding-top: 3em;
60    }
61    #background
62    {
63        padding-top: 100px;
64        background-image: url(../img/as1-bg.jpg);
65        background-position: center;
66        background-repeat: no-repeat;
67        background-size: cover;
68        height: auto;
69        padding-bottom: 100px;
70    }
71    .container
72    {
73        background-color: ■rgba(255, 255, 255, 0.9);
74        height: auto;
75        box-shadow: 0px 0px 10px □#000000;
76        border-radius: 5px;
77        padding-bottom: 100px;
78    }
79    .container-korpa
80    {
81        background-color: ■rgba(255, 255, 255, 0.9);
82        padding: 0 50px 240px;
83    }
84    tbody
85    {
86        background-color: ■#fff;
87    }
88    .frame
89    {
90        margin: 20px;
91        height: auto;
92        box-shadow: 0px 0px 5px □#000000;
93    }
```

```
 94    .font-size
 95    {
 96        font-size: 24px;
 97    }
 98    .edit
 99    {
100        max-width: 100%;
101        flex: 0 0 100%;
102    }
103    .timetable_sub
104    {
105        width: 100%;
106        margin: 0 auto;
107    }
108    .timetable_sub th
109    {
110        background: ■#000;
111        color: ■#fff;
112        font-size: 16px;
113        border-right: 1px solid ■#ded2d2;
114        text-align: center;
115        padding: 12px 30px;
116        letter-spacing: 1px;
117        font-weight: normal;
118    }
119    .timetable_sub td
120    {
121        border: 1px solid ■#CDCDCD;
122        text-align: center;
123        padding: 7px;
124        font-size: 14px;
125        color: ■#212121;
126    }
127
128    td.invert-image a img
129    {
130        width: 30%;
131        margin: 0 auto;
132    }
133    td.invert-image a img {
134        width: 40%;
135    }
136    .korpa
137    {
138        color: ■#fff;
139        background-color: ■#003893c7;
140        border-radius: 5px;
141        transition: 0.4s;
```

```css
}
.korpa:hover
{
    box-shadow: 4px 3px 15px ■#de0000;
}
#list
{
    padding: 5px;
    border-radius: 5px;
    border: 0.5px solid □#000;
}
#footer
{
    width: 100%;
    color: ■#fff;
    background-color: □#000;
    padding: 20px;
}
#footer p
{
    margin: 10px auto;
}
.jedan
{
    width: 100%;
}
.dva
{
    width: 100%;
    text-transform: uppercase;
}
```

```css
input[type=text], textarea
{
    width: 100%;
    padding: 12px;
    border: 1px solid #ccc;
    border-radius: 4px;
    box-sizing: border-box;
    margin-top: 6px;
    margin-bottom: 16px;
    resize: none;
}

  input[type=submit]
  {
    background-color: #003893c7;
    color: white;
    padding: 12px 60px;
    border: none;
    border-radius: 4px;
    cursor: pointer;
    transition: 0.5s;
  }

  input[type=submit]:hover
  {
    background-color: #de0000;
  }

  #fourColumn,#threeColumn
  {
      background-color: rgba(255, 255, 255, 0);
      color: #003893c7;
      transition: 0.5s;
      margin-right: 10px;
      box-shadow: none;
      border: none;
  }
  #fourColumn:hover, #threeColumn:hover
  {
      color: #de0000;
  }
```

```css
  #brojac
  {
      background-color: ■rgba(255,255,255,0);
      box-shadow: none;
      border:none;
      font-family: Arial, Helvetica, sans-serif;
  }

  #korpa
  {
    width: 7%;
  }

  .naslov-korpa
  {
      padding: 40px 0;
  }
.boja
{
    color: ■#ff000f;
}

.btn
{
    background-color: ■#003893c7;
    border: none;
    transition: 0.6s;
}
.btn:hover, .btn:focus
{
    background-color: ■#ff0011c4;
    box-shadow: 0 0 5px ■#ffffff;
}
#korpa
{
    font-size: 30px;
}

#opis-slika
{
    margin-top: 10%;
    width: 100%;
    display: flex;
    justify-content: center;
    align-items: center;
}
```

```css
.btn:hover, .btn:focus
{
    background-color: ■#ff0011c4;
    box-shadow: 0 0 5px ■#ffffff;
}
#korpa
{
    font-size: 30px;
}

#opis-slika
{
    margin-top: 10%;
    width: 100%;
    display: flex;
    justify-content: center;
    align-items: center;
}
#opis-slika img
{
    border-radius: 10px;
    box-shadow: 0 0 10px □#000;
}
#opis-autor
{
    width: 40%;
    text-align: justify;
    margin: 10% auto;
}
#opis-autor p
{
    font-size: 24px;
}
```

```css
@media screen and (max-width: 250px)
{
    #dugme
    {
        padding: 9px 20px;
    }
}

@media (max-width: 1580px)
{
    #kontejner
    {
        max-width: 1000px;
    }
}
@media (max-width: 1460px)
{
    #kontejner
    {
        max-width: 800px;
        font-size: 10px;
    }
}
```

```css
}
@media (max-width: 1285px)
{
    #kontejner
    {
        max-width: 650px;
    }
    .korpa
    {
        font-size: 7px;
    }
    #shop-store p
    {
        font-size: 13px;
    }
    #lista
    {
        font-size: 16px;
    }
    #korpa
    {
        margin-right: 20px;
    }
}
```

```css
}
@media (max-width: 1115px)
{
    #kontejner
    {
        max-width: 500px;
    }
    #background
    {
        background-size: cover;
    }
    .korpa
    {
        font-size: 8px;
    }
    .col-lg-2
    {
        max-width: initial;
    }
    .font-size
    {
        display: none;
    }
}




@media (max-width: 1052px)
{
    #opis-slika img
    {
        width: 50%;
        height: auto;
    }
    #opis-autor p
    {
        font-size: 15px;
    }
}
```

```css
@media (max-width: 1096px)
{
    #kontejner
    {
        max-width: 350px;
    }
}
```

```css
@media (max-width: 991px)
{
    #kontejner
    {
        max-width: 400px;
        font-size: 20px;
    }
    .korpa
    {
        font-size: 14px;
    }
    #kontejner p
    {
        font-size: 20px;
    }
    #lista
    {
        font-size: 15px;
    }
    #korpa
    {
        width: 85%;
    }
    #title h1
    {
        font-size: 30px;
    }
    #title h2
    {
        font-size: 25px;
    }
    .timetable_sub
    {
        table-layout: fixed;
    }
    .timetable_sub th
    {
        font-size: 14px;
        padding: 15px 5px;
    }
}
```

```css
        }
}
@media (max-width: 863px)
{
    #kontejner
    {
        max-width: 60%;
    }
}
@media (max-width: 775px)
{
    #kontejner
    {
        max-width: 70%;
        margin-right: 80px;
        margin-left: 50px;
    }
    .timetable_sub th
    {
        font-size: 10px;
    }
    .timetable_sub td
    {
        font-size: 12px;
    }
    .rem
    {
        font-size: 10px;
    }
}
@media (max-width: 600px)
{
    #background
    {
        padding-bottom: 130px;
    }
    #footer
    {
        padding-bottom: 35px;
    }
}
```

```css
        }
    }
    @media (max-width: 600px)
    {
        #kontejner
        {
            max-width: 100%;
        }
        .container
        {
            width: 70%;
        }
        #korpa
        {
            font-size: 25px;
            width: 75%;
        }
    }

    @media (max-width: 540px)
    {
        #opis-autor p
        {
            font-size: 13px;
            height: 30%;
        }
    }
```

```css
@media (max-width: 460px)
{
    #korpa
    {
        font-size: 17px;
        margin-right: auto;
    }
    .container
    {
        width: 70%;
    }
}
@media (max-width: 360px)
{
    #title h1
    {
        font-size: 20px;
    }
    #title h2
    {
        font-size: 18px;
    }
    #lista
    {
        font-size: 9px;
    }
    #korpa
    {
        font-size: 11px;
    }
}
@media (max-width: 300px)
{
    .korpa
    {
        font-size: 10px;
    }
}
```

Main.js

```javascript
1  ∨ $(document).ready(function()
2    {
3        $.ajax(
4  ∨        {
5                    url:"data/nav.json",
6                    method:"get", // Ovde je bilo post
7  ∨                success:function(data)
8                    {
9                        loadNav(data);
10                   }
11           }
12       )
13   });
14
15 ∨ function loadNav(links)
16   {
17       let ispisLinka="";
18
19 ∨     for(var link of links)
20       {
21           ispisLinka += makeNav(link)
22       }
23
24       $("#list").html(ispisLinka);
25   }
26 ∨ function makeNav(link)
27   {
28       return `<li class="list-inline-item"><a href="${link.href}">${link.naslov}</a></li>`
29   }
30   //===========[Unos produkata]============//
31
32 ∨ $(document).ready(function () {
33 ∨     $.ajax({
34           url : "data/products.json",
35 ∨         success : function(data) {
36               loadProducts(data);
37           }
38       })
39   });
40
41 ∨ function loadProducts(products) {
42       let productsHtml = "";
43
44 ∨     for(product of products) {
45           productsHtml += makeProduct(product);
46       }
47
48       $("#shop-store").html(productsHtml);
49
50       bindCartEvents();
51   }
52
53 ∨ function bindCartEvents()
54   {
55       $(".korpa").click(addToCart);
56   }
57
58 ∨ function productsInCart()
59   {
60       return JSON.parse(localStorage.getItem("products"));
61   }
62
```

```javascript
function addToCart()
{
    let id = $(this).data("id");

    var products = productsInCart();

    if(products) {
        if(productIsAlreadyInCart()) {
            updateQuantity();
        } else {
            addToLocalStorage()
        }
    } else {
        addFirstItemToLocalStorage();
    }

    alert("Sadržaj unet u korpu.");

    /* Male funkcije koje odradjuju po jednu funkcionalnost radi lakse odrzivosti koda */
    function productIsAlreadyInCart() {
        return products.filter(p => p.id == id).length;
    }

    function addToLocalStorage() {
        let products = productsInCart();
        products.push({
            id : id,
            quantity : 1
        });
        localStorage.setItem("products", JSON.stringify(products));
    }

    function updateQuantity() {
        let products = productsInCart();
        for(let i in products)
        {
            if(products[i].id == id) {
                products[i].quantity++;
                break;
            }
        }

        localStorage.setItem("products", JSON.stringify(products));
    }


    function addFirstItemToLocalStorage() {
        let products = [];
        products[0] = {
            id : id,
            quantity : 1
        };
        localStorage.setItem("products", JSON.stringify(products));
    }
}
```

```javascript
function clearCart() {
    localStorage.removeItem("products");
}

function makeProduct(product) {
    return `
        <div class="test col-lg-2 frame bg-white">
                <img src="img/products/${product.picture.src}" class='img-fluid' alt="${product.picture.alt}"/>
                <p>Naziv: ${product.name}</p>
                <p>Proizvođač: ${product.proizvodjac}</p>
                <p>Cena: &euro;${product.cena}</p>
                <input type="button" value="Dodaj u korpu" class="mb-3 p-1 pr-3 pl-3 korpa" id="cart" data-id="${product.id}" onclick="uvecaj()"/>
        </div>
    `;
}


//==================== [ 3COL STRUCT ] ======================
document.getElementById("threeColumn").addEventListener("click", koloneTri);

function koloneTri()
{
    $('.test').removeClass('col-lg-2').addClass('col-lg-3');
}
//=========================================================
//==================== [ 4COL STRUCT ] ======================

document.getElementById("fourColumn").addEventListener("click", koloneCetiri);

function koloneCetiri()
{
    $('.test').removeClass('col-lg-3').addClass('col-lg-2');
}


//=========================================================

//==================== [   Sortiranje    ] =========================

document.getElementById("default").addEventListener("click", sortirajPoDefaultu);
document.getElementById("proizvodjac").addEventListener("click", sortirajPoProizvodjacu);
document.getElementById("sortRa").addEventListener("click", sortirajPoCeniRastuce);
document.getElementById("sortOp").addEventListener("click", sortirajPoCeniOpadajuce);

function sortirajPoDefaultu()
{
    $(document).ready(function () {
        $.ajax({
            url : "data/products.json",
            method : "post",
            success : function(data) {
                loadProducts(data);
            }
        })
    });

    loadProducts();
```

```
function sortirajPoProizvodjacu()
{
    $.ajax({
        url : "data/products.json",
        method : "GET",
        type : "json",
        success : function(data)
        {
            data.sort(function(a,b)
            {
                if(a.proizvodjac==b.proizvodjac)
                {
                    return 0;
                }
                else if(a.proizvodjac<b.proizvodjac)
                {
                    return  -1;
                }
                else
                {
                    return 1;
                }
            });
            loadProducts(data);
            console.log(loadProducts);
        },
        error : function(xhr, error, status) {
            alert(status);
        }
    });
}
function sortirajPoCeniRastuce()
{
    $.ajax({
        url : "data/products.json",
        method : "GET",
        type : "json",
        success : function(data)
        {
            data.sort(function(a,b)
            {
                if(a.cena==b.cena)
                {
                    return 0;
                }
                if(a.cena<b.cena)
                {
                    return -1;
                }
                else
                {
                    return 1;
                }
            });
            loadProducts(data);
            console.log(loadProducts);
        },
        error : function(xhr, error, status) {
            alert(status);
        }
    });
}
```

```javascript
function sortirajPoCeniOpadajuce(e)
{
    $.ajax({
        url : "data/products.json",
        method : "GET",
        type : "json",
        success : function(data)
        {
            data.sort(function(a,b)
            {
                if(a.cena==b.cena)
                {
                    return 0;
                }
                else if(a.cena>b.cena)
                {
                    return  -1;
                }
                else
                {
                    return 1;
                }
            });
            loadProducts(data);
            console.log(loadProducts);
        },
        error : function(xhr, error, status) {
            alert(status);
        }
    });
}

//==================== [ KRAJ Sortiranja ] ===========================

document.getElementById("lista").addEventListener("input", function(e)
{
    switch(e.target.value)
    {
        case "1":sortirajPoProizvodjacu();break;
        case "2":sortirajPoCeniRastuce();break;
        case "3":sortirajPoCeniOpadajuce();break;
        default:
            case "menu_order":sortirajPoDefaultu();break;
    }
});

function uvecaj()
{
    document.getElementById("brojac").value++;
}
```

Cart.js

```javascript
$(document).ready(function () {
    let products = productsInCart();

    if(!products.length)
        showEmptyCart();
    else
        displayCartData();

});

function displayCartData() {
    let products = productsInCart();

    $.ajax({
        url : "data/products.json",
        success : function(data) {
            let productsForDisplay = [];


            data = data.filter(p => {
                for(let prod of products)
                {
                    if(p.id == prod.id) {
                        p.quantity = prod.quantity;
                        return true;
                    }

                }
                return false;
            });
            generateTable(data)
        }
    });
}
```

```javascript
function generateTable(products) {
    let html = `
            <h1 class="d-flex justify-content-center align-items-center naslov-korpa">Korpa</h1>
            <table class="timetable_sub">
                <thead>
                    <tr>
                        <th>ID</th>
                        <th>Slika prozivoda</th>
                        <th>Ime proizvoda</th>
                        <th>Cena po komadu</th>
                        <th>Količina</th>
                        <th>Ukupna cena</th>
                        <th>Obriši</th>
                    </tr>
                </thead>
                <tbody>`;

    for(let p of products) {
        html += generateTr(p);
    }

    html +=`    </tbody>
            </table>`;

    $("#content").html(html);

    function generateTr(p) {
        return  `<tr class="rem1">
        <td class="invert">${p.id}</td>
        <td class="invert-image">
            <a href="single.html">
                <img src="img/products/${p.picture.src}" alt="${p.picture.alt}" class="img-responsive">
            </a>
        </td>
        <td class="invert">${p.name}</td>
        <td class="invert">$${p.cena}</td>
        <td class="invert">${p.quantity}</td>
        <td class="invert">$${p.cena * p.quantity}</td>
        <td class="invert">
            <div class="rem">
                <div class=""><button onclick='removeFromCart(${p.id})'>Remove</button> </div>
            </div>
        </td>
    </tr>`
    }
}

function showEmptyCart() {
    $("#content").html("<h1>Vaša korpa je prazna!</h1>")
}

function productsInCart() {
    return JSON.parse(localStorage.getItem("products"));
}



function removeFromCart(id) {
    let products = productsInCart();
    let filtered = products.filter(p => p.id != id);

    localStorage.setItem("products", JSON.stringify(filtered));

    displayCartData();
}
```

Ucitavanje.js

```javascript
$(document).ready(function()
{
    $.ajax(
        {
            url:"data/nav1.json",
            method:"get",
            success:function(data)
            {
                loadNav(data);
            }
        }
    )
});

function loadNav(links)
{
    let ispisLinka="";

    for(var link of links)
    {
        ispisLinka += makeNav(link)
    }

    $("#list").html(ispisLinka);
}
function makeNav(link)
{
    return `<li class="list-inline-item"><a href="${link.href}">${link.naslov}</a></li>`
}

//=============== [ REGULARNI IZRAZ ] ================================

document.getElementById("forma").addEventListener('submit',validate);
function validate(e)
{
    e.preventDefault();
    let validno = true;

    var ime = document.getElementById("ime").value;
    var regIzrazIme = /^[A-ZŠĐŽČĆ][a-zšđžčć]{2,12}$/;

    var imeGreska = document.getElementById("greskaIme");
    if(ime === "")
    {
        validno = false;
        imeGreska.innerHTML = "Polje ime je prazno.";
        document.getElementById("ime").style.borderColor = "red";
    }
    else
    {
        if(!regIzrazIme.test(ime))
        {
            validno = false;
            imeGreska.innerHTML = "Ime nije u dobrom formatu. Mora da počne velikim slovom i da ima najmanje 3 karaktera.";
            document.getElementById("ime").style.borderColor = "#ff000f";
        }
        else
        {
            imeGreska.innerHTML = "";
            document.getElementById("ime").style.borderColor = "#003893c7";
        }
    }
```

```javascript
// ovde je prevent default bio

var prezime = document.getElementById("prezime").value;
var regIzrazPrezime = /^[A-ZŠĐŽČĆ][a-zšđžčć]{2,12}$/;
var prezimeGreska = document.getElementById("greskaPrezime");

if(prezime === "")
{
    validno = false;
    prezimeGreska.innerHTML = "Polje prezime je prazno";
    document.getElementById("prezime").style.borderColor = "#ff000f";
}
else
{
    if(!regIzrazPrezime.test(prezime))
    {
        validno = false;
        prezimeGreska.innerHTML = "Prezime nije u dobrom formatu. Mora da počne velikim slovom i da ima najmanje 3 karaktera.";
        document.getElementById("prezime").style.borderColor = "#ff000f";
    }
    else
    {
        prezimeGreska.innerHTML = "";
        document.getElementById("prezime").style.borderColor = "#003893c7";
    }
}




var mail = document.getElementById("mail").value;
var regIzrazMail = /^[a-z][a-z\d\_\.\-]+\@[a-z\d]+(\.\[a-z]{2-4})+$/;
var greskaMail = document.getElementById("greskaEMail");

if(mail === "")
{
    validno = false;
    greskaMail.innerHTML = "Polje mail je prazno.";
    document.getElementById("mail").style.borderColor = "#ff000f";
}
else
{
    if(!regIzrazMail.test(mail))
    {
        validno = false;
        greskaMail.innerHTML = "Polje mail nije pravilno popunjeno.";
        document.getElementById("mail").style.borderColor = "#ff000f";
    }
    else
    {
        greskaMail.innerHTML = "";
        document.getElementById("mail").style.borderColor = "#003893c7";
    }
}
}

//============================================================
```

JSON

Nav.json

```json
[
    {
        "naslov": "Početna",
        "href": "index.html"
    },
    {
        "naslov": "Shop",
        "href": "#shop-store"
    },
    {
        "naslov":"Korpa",
        "href":"checkout.html"
    },
    {
        "naslov": "Kontakt",
        "href": "kontakt.html"
    },
    {
        "naslov":"Autor",
        "href":"autor.html"
    }
]
```

Nav1.json

```json
[
    {
        "naslov": "Početna",
        "href": "index.html"
    },
    {
        "naslov":"Korpa",
        "href":"checkout.html"
    },
    {
        "naslov":"Kontakt",
        "href": "kontakt.html"
    },
    {
        "naslov":"Autor",
        "href":"autor.html"
    }
]
```

Produtcs.json

```json
[
    {
        "id":1,
        "name":"AK 47 CM.028S",
        "proizvodjac":"CYMA",
        "cena" : 120,
        "picture" :
        {
            "src":"ak47.jpg",
            "alt":"Ak47 sa rasklopnim kundakom"
        }
    },
    {
        "id":2,
        "name":"AK 47 CM.028",
        "proizvodjac":"CYMA",
        "cena" : 125,
        "picture" :
        {
            "src":"ak47_2.jpg",
            "alt":"Ak47 sa drvenim kundakom"
        }
    },
    {
        "id":3,
        "name":"JG069 M5-J",
        "proizvodjac":"J.G.Works",
        "cena" : 220,
        "picture" :
        {
            "src":"hekler.jpg",
            "alt":"Hekler sa produznim kundakom"
        }
    },
    {
        "id":4,
        "name":"Magnum 357",
        "proizvodjac":"King",
        "cena" : 60,
        "picture" :
        {
            "src":"magnum357.jpg",
            "alt":"Revolver magnum"
        }
    },
    {
        "id":5,
        "name":"R2 Škorpion",
        "proizvodjac":"Well",
        "cena" : 90,
        "picture" :
        {
            "src":"r2.well.jpg",
            "alt":"skorpion"
        }
    },
    {
        "id":6,
        "name":"USP-S",
        "proizvodjac":"J.G.Works",
```