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# DOKUMENTACIJA

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<https://sweet-deal.github.io/>

WEB PROGRAMIRANJE 2

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Ana Ivanović 69/20

## UVOD

### 1.1 Korišćeni programski jezici

Za izradu sajta korišćeni su sledeći jezici:

- HTML
- CSS
- JavaScript
- jQuery
- XML

Svi navedeni jezici su korišćeni unutar “Visual Studio Code” okruženja

### 1.2 Opis funkcionalnosti

Sajt je ispisan dinamički i prilagođen je za sve vrste uređaja!

Dinamički dodati elementi su:

- Navigacioni meni (u hederu i futeru)
- Ispis proizvoda
- Forma za prijavu
- Deo za socijalne medije
- Kategorisanje i sortiranje proizvoda
- Ograničenja unutar forme tj. Validacija

## 1.3 Dizajn sajta

Za izradu sajta nije korišćen “template”

Napomena:

Kod nije funkcionisao prilikom hostovanja, ovo su stvari koje sam probala: Zamenila deo koji ima AJAX i JSON sa javascript kodom koji ga nema (umesto JSON-a nizovi, bez AJAX AllBack-a) da probam da izbegnem problem sa url-om – nije funkcionisalo

Isti taj javascript kod podelila na odvojene fajlove sa kodom i zatim ih povezala na stranice – nije funkcionisalo

Napisala podeljeni kod sa AJAX-om i JSON-om, odvojeni fajlovi, kod povezan – nije funkcionisalo

Na pocetnoj stranici uz inline javascript je ispisano uputstvo za pristup sajtu

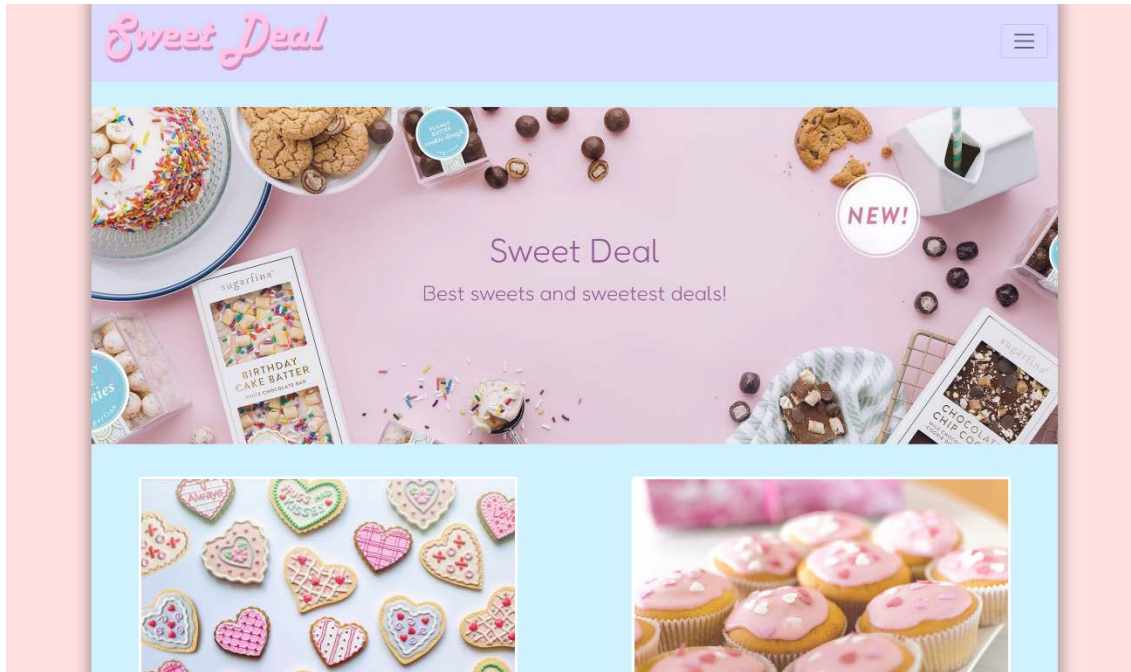
## 2.1 Organizacija sajta

Sajt se sastoji od skupa stranica nice i povezan je sa mojim portfoliom kome se može pristupiti preko link ana stranici 'Author' (author.html) i to je jedina redirekcija na sajtu.

Sajt ima unutrašnju povezanost i preko navigacionog menija, bilo u hederu, bilo u futeru, se može pristupiti različitim delovima sajta.

## 2.2 Slika stranica i opisi funkcionalnosti

Navigacioni meni (regularni prikaz na širokom ekranu)



### Gift for a loved one

Our specially made and decorated products are a perfect way to brighten someones day or to make it even sweeter! Show someone you care with our custom candy





### Eco-friendly and eco-aware

From every purchase you make we donate 5% to various organizations in our joint effort to elevate our ecological status



...try to brighten someone's day or to make it even sweeter!  
Show someone you care with our custom candy

...organizations in our joint effort to elevate our ecological  
status

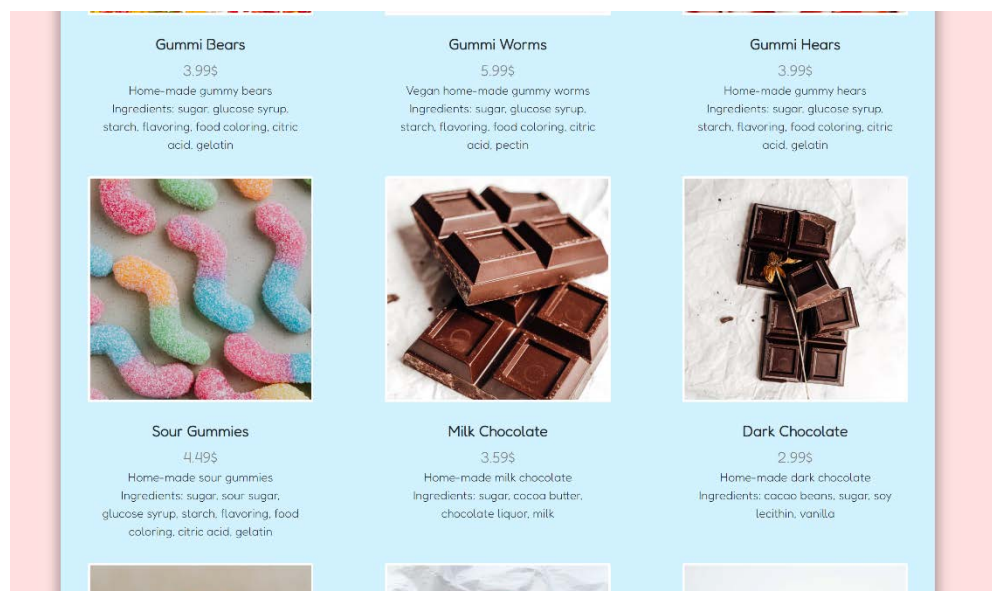
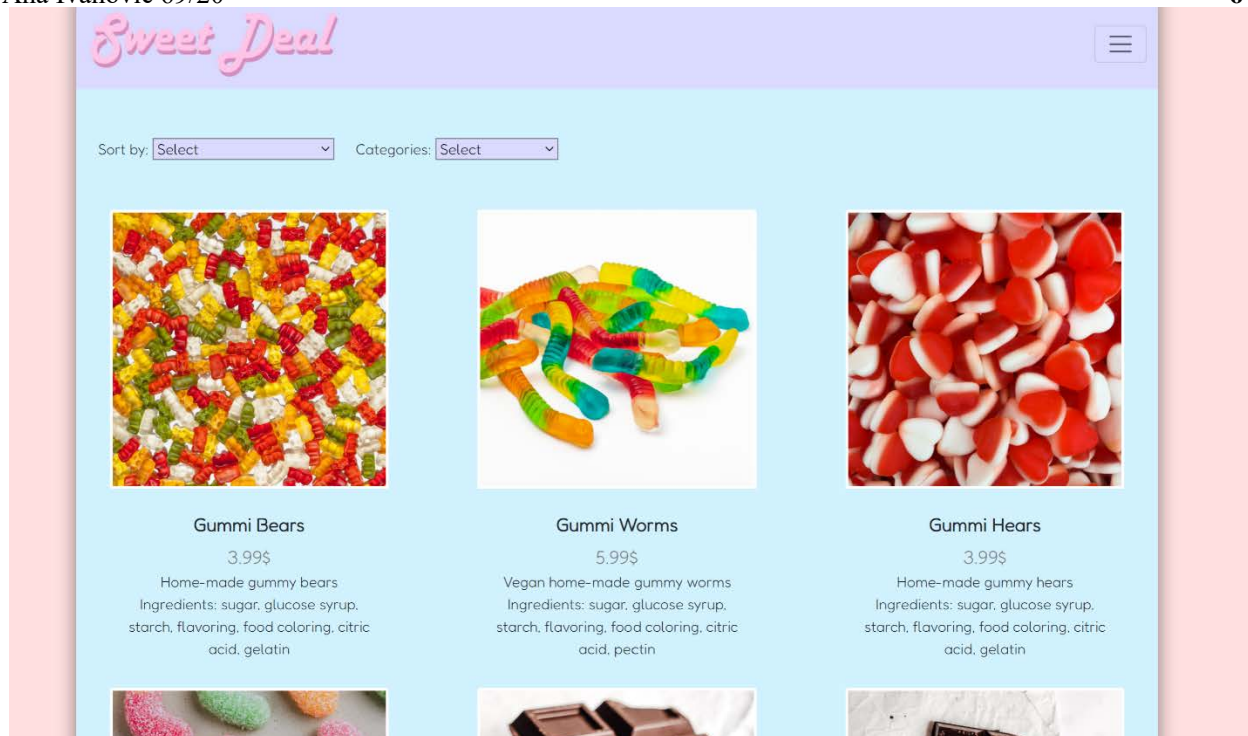


**Vegan and gluten-free options**  
Take a pick at some of our specially prepared vegan and gluten-free sweets! We use only the best, organic products

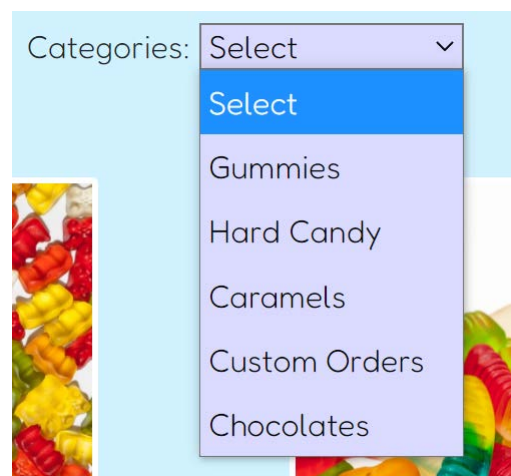
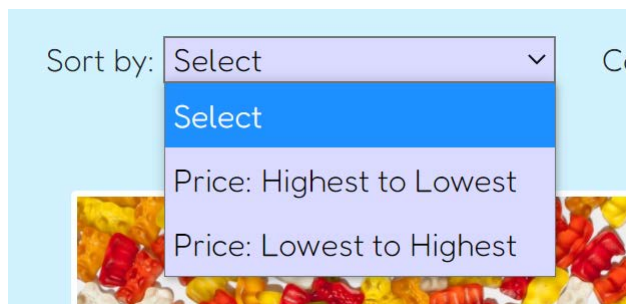
**Delivery, free of charge**  
For every purchase over 20\$ or containing more than 5 products, we will deliver the goods to your doorstep for free!

Sign in [here](#) to our loyalty program to receive up to 50% off and all the news and updates!

Home	Store locations:	Facebook
Products	19 Gonzales Lane	Instagram
Contact Us	3 Foster Street	LinkedIn
Author	967 Elmwood Court	Snapchat



Stranica products.html I primer proizvoda



## Sortiranje prema ceni I kategoriji

Sort by:

Categories:



### Rock Candy

1.99\$

Home-made rock candy

Ingredients: sugar, light corn syrup,  
fruit flavouring




### Candy Fruit

3.59\$

Home-made vegan candy fruit


Ingredients: sugar, pectin, fruit  
flavouring

Prikaz forme, nepopunjene, neispravno I ispravno popunjene

Name	<input type="text" value="Ana"/>
Last name	<input type="text" value="Ivanovic"/>
Password	<input type="password" value="...."/>
Confirm password	<input type="password" value="...."/>
Date of Birth	<input type="text" value="11/04/2001"/> 
Email	<input type="text" value="ana.ivanovic.69.20@ict.i"/>
Phone	<input type="text" value="011234567"/>
Gender	Male <input type="radio"/> Female <input checked="" type="radio"/>
Comment (optional)	<div><u>Ispravno popunjena</u> forma</div> <div></div>
<input type="button" value="Submit"/>	



# Sign up today!


Name	<input type="text" value="Name"/>
Last name	<input type="text" value="Last Name"/>
Password	<input type="password"/>
Confirm password	<input type="password"/>
Date of Birth	<input type="text" value="mm/dd/yyyy"/> 
Email	<input type="text" value="email-address@some.r"/>
Phone	<input type="text" value="011234567"/>
Gender	Male <input type="radio"/> Female <input type="radio"/>
Comment (optional)	<div><div></div></div>
<input type="button" value="Submit"/>	

sweet-deal.github.io says

Please select one gender.

OK

me

Name	<input type="text" value="Name"/>	This field can not be blank.
Last name	<input type="text" value="Last Name"/>	This field can not be blank.
Password	<input type="password"/>	This field can not be blank.
Confirm password	<input type="password"/>	This field can not be blank.
Date of Birth	<input type="text" value="mm/dd/yyyy"/> 	This field can not be blank.
Email	<input type="text" value="email-address@some.r"/>	This field can not be blank.
Phone	<input type="text" value="011234567"/>	This field can not be blank.
Gender Male <input type="radio"/> Female <input type="radio"/>		
Comment (optional)	<div><div></div></div>	
<input type="submit" value="Submit"/>		

Name  Only characters allowed.

Last name  Only characters allowed.

Password  This field can not be blank.

Confirm password  Values do not match.

Date of Birth   This field can not be blank.

Email  This field can not be blank.

Phone  Only digits allowed.

Gender Male ☐ Female ☒

Comment (optional)

Submit

Stranica author.php



## Ana Ivanović

Attending second year of ICT College, study program Internet Technologies. Before ICT College finished 'Gimnazija u Obrenovcu' middle school. Currently living in Obrenovac.

### Portfolio and Social media

[Portfolio](#)[Instagram](#)[Facebook](#)[LinkedIn](#)[Dokumentacija](#)[Home](#)[Store locations:](#)[Facebook](#)

## KODOVI I SINTAKSA

### 3.1 HTML

Redom: index.php, products.php, contact.php, author.php

```

<!DOCTYPE html>
<html>

<head>
  <link rel="stylesheet" href="assets/css/style.css" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <meta name="description" content="Online local candy shop">
  <meta name="keywords" content="sweets, candy, sugar, gummy, vegan, gluten-free, ecofriendly,
caramel, chocolate">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet"
      integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous" />
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/font-awesome@4.7.0/css/font-
awesome.min.css">
</head>
<body>
  <div class="main-container">
    <header>
      <nav class="navbar navbar-light bg-light">
        <div class="container-fluid logo">
          <a href="index.html"></a>
          <button class="navbar-toggler" type="button" data-bs-toggle="offcanvas" data-bs-
target="#offcanvasNavbar"
              aria-controls="offcanvasNavbar">
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="offcanvas offcanvas-end" tabindex="-1" id="offcanvasNavbar" aria-
labelledby="offcanvasNavbarLabel">
            <div class="offcanvas-header">
              <h5 class="offcanvas-title" id="offcanvasNavbarLabel">Sweet Deal</h5>
              <button type="button" class="btn-close text-reset" data-bs-dismiss="offcanvas" aria-
label="Close"></button>
            </div>
            <div class="offcanvas-body" id="nav-meni">

              </div>
            </div>
          </div>
        </nav>
      </header>
      <div class="container-banner">
        <div class="text-box">
          <h1 class="banner-main">Sweet Deal</h1>
          <p class="banner-text">Best sweets and sweetest deals!</p>
        </div>
      </div>
      <div class="container-rows-4">
        <div class="row row-cols-1 row-cols-md-2 g-4" id="index-cards">

```

```

</div>
</div><div class="container-subscribe">
  <h3>Sign in <b><a href="contact-us.html" class="subscribe">here</a></b> to our loyalty program
to recive up to 50% off and all the
  news and updates! </h3>
</div>
<footer>
  <div class="container-footer">
    <nav class="nav-footer" id="nav-meni-futer">

    </nav>
  </div>
  <div class="container-footer">
    <div class="contact">
      <ul>
        <li>Store locations:</li>
        <li>19 Gonzales Lane</li>
        <li>3 Foster Street</li>
        <li>967 Elmwood Court</li>
      </ul>
    </div>
  </div>
  <div class="container-footer">
    <div class="social-list" id="socials">
      <h5>You can find our socials here:</h5>

    </div>
  </div>

</footer>
</div>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.9.1/jquery.min.js"></script>

<script src="assets/js/indexcardAjax.js"></script>
<script src="assets/js/mainAjax.js"></script>

<!--<script src="assets/js/main.js"></script>
<script src="assets/js/indexcard.js"></script>-->

```

```

</body>
</html>

<!DOCTYPE html>
<html>

<head>
  <link rel="stylesheet" href="assets/css/style.css" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <meta name="description" content="Online local candy shop">
  <meta name="keywords" content="sweets, candy, sugar, gummy, vegan, gluten-free, ecofriendly,
caramel, chocolate">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet"
  integrity="sha384-1BmE4kBQ78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous" />
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/font-awesome@4.7.0/css/font-
awesome.min.css">
</head>

<body>
  <div class="main-container">
    <header>
      <nav class="navbar navbar-light bg-light">
        <div class="container-fluid logo">
          <a href="index.html"></a>
          <button class="navbar-toggler" type="button" data-bs-toggle="offcanvas"
            data-bs-target="#offcanvasNavbar" aria-controls="offcanvasNavbar">
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="offcanvas offcanvas-end" tabindex="-1" id="offcanvasNavbar"
            aria-labelledby="offcanvasNavbarLabel">
            <div class="offcanvas-header">
              <h5 class="offcanvas-title" id="offcanvasNavbarLabel">Sweet Deal</h5>
              <button type="button" class="btn-close text-reset" data-bs-
dismiss="offcanvas"
                aria-label="Close"></button>
            </div>
            <div class="offcanvas-body" id="nav-meni">

            </div>
          </div>
        </nav>
      </header>

      <div class="kategorisanje-sortiranje">
        <div id="sortiranje">
        </div>

```



```
        <div id="kategorije">
        </div>
    </div>
    <div class="proizvodi">
        <div class="row row-cols-1 row-cols-md-3 g-4" id="proizvod">

        </div>
    </div>
```

```
<footer>
    <div class="container-footer">
        <nav class="nav-footer" id="nav-meni-futer">

        </nav>
    </div>
    <div class="container-footer">
        <div class="contact">
            <ul>
                <li>Store locations:</li>
                <li>19 Gonzales Lane</li>
                <li>3 Foster Street</li>
                <li>967 Elmwood Court</li>
            </ul>
        </div>
    </div>
    <div class="container-footer">
        <div class="social-list" id="socials">
            <h5>You can find our socials here:</h5>

        </div>
    </div>
```

```
</footer>
</div>
```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
    crossorigin="anonymous"></script>
```

```
<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.9.1/jquery.min.js"></script>
```

```
<script src="assets/js/proizvodAjax.js"></script>
```

```
<script src="assets/js/mainAjax.js"></script>
```

```
<!--<script src="assets/js/main.js"></script>
```

```
<script src="assets/js/proizvod.js"></script>-->
```

```

</body>

</html>

<!DOCTYPE html>
<html>

<head>
  <link rel="stylesheet" href="assets/css/style.css" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <meta name="description" content="Online local candy shop">
  <meta name="keywords" content="sweets, candy, sugar, gummy, vegan, gluten-free, ecofriendly,
caramel, chocolate">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet"
  integrity="sha384-1BmE4kBQ78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous" />
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">
</head>

<body>
  <div class="main-container">
    <header>
      <nav class="navbar navbar-light bg-light">
        <div class="container-fluid logo">
          <a href="index.html"></a>
          <button class="navbar-toggler" type="button" data-bs-toggle="offcanvas"
            data-bs-target="#offcanvasNavbar" aria-controls="offcanvasNavbar">
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="offcanvas offcanvas-end" tabindex="-1" id="offcanvasNavbar"
            aria-labelledby="offcanvasNavbarLabel">
            <div class="offcanvas-header">
              <h5 class="offcanvas-title" id="offcanvasNavbarLabel">Sweet Deal</h5>
              <button type="button" class="btn-close text-reset" data-bs-
dismiss="offcanvas"
                aria-label="Close"></button>
            </div>
            <div class="offcanvas-body" id="nav-meni">

          </div>
        </div>
      </nav>
    </header>

    <h1 class="h1Form">Sign up today!</h1>

    <div id="error"></div>
  </div>

```

```

<form id="form" name="form">
  <div class="form-control">
    <label for="fname">Name</label><input type="text" name="fname" maxlength="30"
id="fname" placeholder="Name">

    <small>Error message</small>
  </div>
  <div class="form-control">
    <label for="lname">Last name<input type="text" name="lname" maxlength="30" id="lname"
placeholder="Last Name">

    <small>Error message</small>
  </div>
  <div class="form-control">
    <label for="password">Password<input type="password" name="password"
id="password"><small>Error message</small>
  </div>
  <div class="form-control">
    <label for="password-con">Confirm password<input type="password" name="password-con"
id="password-con"><small>Error message</small>
  </div>
  <div class="form-control">
    <label for="date">Date of Birth<input type="date" name="date" id="date"><small>Error
message</small>
  </div>
  <div class="form-control">
    <label for="email">Email<input type="email" name="email" maxlength="100"
placeholder="email-address@some.mail" id="email"><small>Error message</small>
  </div>
  <div class="form-control">
    <label for="phone">Phone<input type="text" name="phone" maxlength="10"
placeholder="011234567" id="phone"><small>Error message</small>
  </div>
  <div class="form-control">
    <label for="gender" id="gender">Gender
    <label>Male <input type="radio" name="gender" value="male"></label>
    <label>Female <input type="radio" name="gender" value="female"></label>
  </div>
  <div class="form-control">
    <label for="comment" class="comment" id="comment">Comment (optional)<textarea
name="comment" id="comment" cols="30" rows="4"></textarea>
  </div>

  <button class="formBtn">Submit</button>

</form>

<footer>
  <div class="container-footer">
    <nav class="nav-footer" id="nav-meni-futer">

</nav>

```

```

</div>
<div class="container-footer">
  <div class="contact">
    <ul>
      <li>Store locations:</li>
      <li>19 Gonzales Lane</li>
      <li>3 Foster Street</li>
      <li>967 Elmwood Court</li>
    </ul>
  </div>
</div>
<div class="container-footer">
  <div class="social-list" id="socials">
    <h5>You can find our socials here:</h5>

  </div>
</div>

</footer>
</div>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
  integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
  crossorigin="anonymous"></script>
<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.9.1/jquery.min.js"></script>

<script src="assets/js/obradaforme.js"></script>
<script src="assets/js/mainAjax.js"></script>
<!--<script src="assets/js/main.js"></script>-->
</body>

</html>

<!DOCTYPE html>
<html>

<head>
  <link rel="stylesheet" href="assets/css/style.css" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <meta name="description" content="Online local candy shop">
  <meta name="keywords" content="sweets, candy, sugar, gummy, vegan, gluten-free, ecofriendly,
caramel, chocolate">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet"
  integrity="sha384-1BmE4kWbQ78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous" />

```

```

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">
</head>
<body>
  <div class="main-container">
    <header>
      <nav class="navbar navbar-light bg-light">
        <div class="container-fluid logo">
          <a href="index.html"></a>
          <button class="navbar-toggler" type="button" data-bs-toggle="offcanvas"
            data-bs-target="#offcanvasNavbar" aria-controls="offcanvasNavbar">
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="offcanvas offcanvas-end" tabindex="-1" id="offcanvasNavbar"
            aria-labelledby="offcanvasNavbarLabel">
            <div class="offcanvas-header">
              <h5 class="offcanvas-title" id="offcanvasNavbarLabel">Sweet Deal</h5>
              <button type="button" class="btn-close text-reset" data-bs-
dismiss="offcanvas"
                aria-label="Close"></button>
            </div>
            <div class="offcanvas-body" id="nav-meni">

          </div>
        </div>
      </nav>
    </header>

    <div class="container-fluid">
      <div class="rowautor">
        <div class="autor">
          

        </div>
        <div class="opis-socials">
          <div class="opis">
            <h2 class="mt-3 h2Autor">
              Ana Ivanović
            </h2>
            <p>Attending second year of ICT College, study program Internet Technologies.
Before ICT College finished 'Gimnazija
              u Obrenovcu' middle school. Currently living in Obrenovac.</p>
          </div>
          <div class="links d.flex justify-content-evenly align-items-center">
            <h3>Portfolio and Social media</h3>
            <ul class="list-group list-group-flush links">
              <a href="https://portfolioana.github.io/" target="_blank">
                <li class="list-group-item">Portfolio</li>
              </a>

```

```
        <a href="https://instagram.com/" target="_blank">
            <li class="list-group-item">Instagram</li>
        </a>
        <a href="https://facebook.com/" target="_blank">
            <li class="list-group-item">Facebook</li>
        </a>
        <a href="https://linkedin.com/" target="_blank">
            <li class="list-group-item">LinkedIn</li>
        </a>
    </ul>
</div>
    <a href="assets/dokumentacija.pdf" class="btn btn-outline-secondary btn-lg mt-3">Dokumentacija</a>
</div>

</div>
</div>

<footer>
    <div class="container-footer">
        <nav class="nav-footer" id="nav-meni-futer">

            </nav>
        </div>
        <div class="container-footer">
            <div class="contact">
                <ul>
                    <li>Store locations:</li>
                    <li>19 Gonzales Lane</li>
                    <li>3 Foster Street</li>
                    <li>967 Elmwood Court</li>
                </ul>
            </div>
        </div>
        <div class="container-footer">
            <div class="social-list" id="socials">
                <h5>You can find our socials here:</h5>

            </div>
        </div>
    </div>

</footer>
</div>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-MrcW6ZMFY1zcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
    crossorigin="anonymous"></script>
```

```
<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.9.1/jquery.min.js"></script>
<script src="assets/js/mainAjax.js"></script>
<!--<script src="assets/js/main.js"></script>-->
</body>

</html>
```

## 3.2 CSS

```
4  @import url("https://fonts.googleapis.com/css2?family=Modak&display=swap");
5  @import url("https://fonts.googleapis.com/css2?family=Fredoka:wght@300&display=swap");
6  :root {
7    --pink: #fcc4ec;
8    --blue: #d1f2ff;
9    --cream: #ffe0e0;
10   --lavander: #dadaff;
11   --magenta: #ebb1ff;
12   --darkerpink: #dba1e9;
13   --darkpurple: #945899;
14 }
15 body {
16   background-color: var(--cream) !important;
17   margin: 0px auto;
18   font-family: "Fredoka", sans-serif !important;
19 }
20 #nav-meni li a {
21   text-decoration: none;
22 }
23 .main-container {
24   width: 85%;
25   margin-right: auto;
26   margin-left: auto;
27   background-color: var(--blue);
28   box-shadow: 0px 0px 15px 5px rgba(0, 0, 0, 0.3);
29 }
30 .logo img {
31   height: 80px;
32 }
33 .navbar.navbar-light.bg-light {
34   background-color: var(--lavander) !important;
35   font-family: "Modak", cursive;
```

```
36 }
37 .offcanvas-body {
38   color: var(--darkpurple) !important;
39 }
40 .offcanvas-body {
41   background-color: var(--lavander);
42   padding: 0px !important;
43 }
44 .offcanvas-body ul {
45   list-style: none;
46   width: 100%;
47   padding: 10px 0px;
48   text-align: center;
49   font-size: 20px;
50 }
51 .offcanvas-body a,
52 .offcanvas-body li {
53   text-decoration: none;
54   color: var(--darkpurple);
55   width: 100%;
56 }
57 .offcanvas-body a:hover,
58 .offcanvas-body li:hover {
59   color: var(--lavander);
60   background-color: var(--darkpurple);
61 }
62 #offcanvasNavbarLabel {
63   font-size: 30px;
64 }
65 .offcanvas-header {
66   background-color: var(--darkpurple);
67   color: var(--lavander);
68 }
69 .modal-backdrop.show {
70   opacity: 0;
71   display: none !important;
72 }
73 .container-banner {
74   background-image: url(../images/CandyShop.jpg);
75   height: 400px;
76   background-size: cover;
77   display: flex;
78   align-items: center;
```



```
79   justify-content: center;
80   text-align: center;
81   margin-top: 30px;
82   color: var(--darkpurple);
83 }
84 p.banner-text {
85   font-size: 25px;
86 }
87 .col {
88   width: 40%;
89   margin-top: 30px;
90   margin-bottom: 40px;
91 }
92 .col img {
93   height: 300px;
94   border: 3px solid #fff;
95   width: inherit;
96 }
97 .card {
98   width: 450px;
99   margin: auto;
100  border: none !important;
101  background-clip: border-box;
102  align-items: center;
103 }
104 .card-body {
105   text-align: center;
106   background-color: var(--blue);
107   height: 150px;
108 }
109 .card-title {
110   font-size: 20px;
111   margin-top: 10px;
112   margin-bottom: 15px;
113 }
114 .container-subscribe {
115   background-color: var(--magenta);
116   text-align: center;
117   margin-top: 15px;
118   margin-bottom: 0px;
119   height: 45px;
120   display: flex;
121   align-items: center;
```

```
122   justify-content: center;
123 }
124 .row.row-cols-1.row-cols-md-2.g-4 {
125   margin-top: 15px;
126 }
127 .container-subscribe h3 {
128   margin-bottom: 0px;
129   margin-top: 0px;
130 }
131 .subscribe {
132   color: var(--darkpurple);
133 }
134 .container-subscribe {
135   margin-bottom: -25px;
136 }
137 .container-subscribe a:hover {
138   color: black;
139 }
140 footer {
141   background-color: var(--lavander);
142   margin-top: 25px;
143   display: flex;
144   justify-content: space-between;
145   align-items: center;
146 }
147 .container-footer {
148   display: flex;
149   justify-content: center;
150   align-items: center;
151   width: 400px;
152   height: 130px;
153   padding-right: 30px;
154 }
155 .container-footer ul {
156   padding: 0px;
157   margin: 0px;
158   text-decoration: none;
159   list-style: none;
160 }
161 .container-footer a li {
162   color: var(--darkpurple);
163   text-decoration: none;
164 }
```

```
165 footer a {
166   text-decoration: none !important;
167 }
168 footer a:hover,
169 footer li:hover {
170   color: #000 !important;
171 }
172 .nav-footer {
173   text-align: left;
174   /*margin-right: 30px;*/
175 }
176 .contact {
177   text-align: center;
178 }
179 .social-list {
180   text-align: right;
181   /*margin-right: 30px;*/
182 }
183 .kategorisanje-sortiranje {
184   display: flex;
185   justify-content: flex-start;
186   align-items: center;
187   height: 130px;
188   padding-left: 2%;
189 }
190 #kategorije {
191   margin-left: 2%;
192 }
193 .proizvod {
194   width: 300px;
195   justify-content: center;
196   align-items: center;
197 }
198 .card-body {
199   width: 100%;
200 }
201 button,
202 select {
203   background-color: var(--lavander);
204 }
205 .price {
206   font-size: 20px;
207   color: #808080;
```

```
208 }
209 .col-md-5 {
210     background-color: var(--blue) !important;
211 }
212 .mb-3 {
213     width: 100%;
214     max-width: unset;
215 }
216 .beginnings {
217     display: flex;
218     margin-top: 40px;
219 }
220 .h1Form {
221     font-weight: bold;
222     text-align: center;
223     color: var(--darkpurple);
224     margin-top: 40px;
225     margin-bottom: 20px;
226 }
227 form {
228     color: var(--darkpurple);
229     background-color: var(--cream);
230     border-collapse: collapse;
231     border: 2px solid var(--darkerpink);
232     width: 50%;
233     margin-left: 25%;
234     margin-bottom: 40px;
235     border-radius: 5px;
236     box-shadow: 0 2px 5px rgba(0, 0, 0, 0.3);
237     max-width: 100%;
238 }
239 .form-control {
240     color: var(--darkpurple) !important;
241     background-color: rgba(255, 224, 224, 0.2) !important;
242 }
243 .form-control small {
244     visibility: hidden;
245 }
246 .formBtn {
247     background-color: var(--darkerpink);
248     color: var(--darkerpurple);
249     margin: 10px 10px 10px 80% !important;
250 }
```

```
251 .formBtn:hover {
252   background-color: var(--darkpurple);
253   color: var(--lavander);
254 }
255 .form-control input {
256   padding: 5px;
257   margin: 5px;
258 }
259 .form-control textarea {
260   padding: 5px;
261   margin: 5px 15px;
262 }
263 .comment {
264   display: flex;
265   align-items: center;
266 }
267 .error input {
268   border: 2px solid #ff1493;
269   color: #ff1493;
270 }
271 .success input {
272   border: 3px solid #4ec94e;
273   color: #4ec94e;
274 }
275 .form-control.error small {
276   visibility: visible !important;
277   color: #ff1493;
278 }
279 .autor:hover {
280   box-shadow: 0 12px 16px 0 rgba(0, 0, 0, 0.24),
281     0 17px 50px 0 rgba(0, 0, 0, 0.19);
282 }
283 .autor img {
284   height: 500px;
285   width: -moz-available;
286 }
287 .opis-socials {
288   width: 35%;
289 }
290 .rowautor {
291   display: flex;
292   justify-content: space-evenly;
293   align-items: center;
```

```
294   margin-top: 50px;
295   margin-bottom: 40px;
296 }
297 .mt-3.h2Autor {
298   font-family: initial;
299 }
300 .opis p {
301   font-size: 19px;
302 }
303 .links a,
304 .links li {
305   text-decoration: none;
306 }
307 @media only screen and (max-width: 1201px) {
308   .nav-header a {
309     font-size: 25px;
310   }
311   .logo img {
312     height: 65px;
313   }
314   .col img {
315     height: 275px;
316   }
317   .card-body {
318     width: 425px;
319   }
320   .container-subscribe h3 {
321     font-size: 23px;
322   }
323 }
324 @media only screen and (max-width: 1111px) {
325   .nav-header a {
326     font-size: 20px;
327   }
328   .logo img {
329     height: 60px;
330   }
331   .col img {
332     height: 250px;
333     width: 400px;
334   }
335   .card-body {
336     width: 400px;
```

```
337   }
338   .proizvod-img {
339     height: 400px !important;
340   }
341 }
342 @media only screen and (max-width: 1025px) {
343   .main-container {
344     width: 100%;
345   }
346   .nav-header a {
347     font-size: 23px;
348   }
349   .card {
350     width: auto;
351   }
352   .row {
353     margin-right: 0px !important;
354   }
355 }
356 @media only screen and (max-width: 850px) {
357   .col {
358     width: 100%;
359     display: flex;
360     align-items: center;
361     justify-content: center;
362   }
363   .container-two-rows {
364     display: unset;
365   }
366   header {
367     justify-content: space-between;
368   }
369   .container-subscribe h3 {
370     font-size: 20px;
371   }
372 }
373 @media only screen and (max-width: 600px) {
374   .container-subscribe h3 {
375     font-size: 16px;
376   }
377   .rowautor {
378     display: unset;
379   }
```

```
380 .autor img {  
381     width: auto;  
382     margin: auto;  
383 }  
384 .opis-socials {  
385     width: unset;  
386     text-align: center;  
387 }  
388 .autor {  
389     display: flex;  
390     padding-top: 50px;  
391 }  
392 footer {  
393     height: 200px;  
394 }  
395 }  
396
```

## 3.1 JavaScript



```
//AJAX i JSON kod, u delovima
//mainAjax.js

$.ajax({
  url: "assets/js/data/navMeni.json",
  method: "get",
  dataType: "json",
  success: function(data){
    console.log(data);
    ispisListilinkova(data);
    ispisListilinkovaFuter(data);
  },
  error: function(xhr){
    console.log(xhr);
  }
})

$.ajax({
  url: "assets/js/data/social.json",
  method: "get",
  dataType: "json",
  success: function(data){
    ispisSocial(data);
  },
  error: function(xhr){
    console.log(xhr);
  }
})

function ispisListilinkova (podaci){
  let html = `<ul>`;
  for (let li of podaci){
    html += `<a href="${li.href}"><li>${li.naziv}</li></a>`;
  }
  html += `</ul>`;

  $("#nav-meni").html(html);
}

function ispisListilinkovaFuter (podaci){
  let html = `<ul>`;
  for (let li of podaci){
    html += `<a href="${li.href}"><li>${li.naziv}</li></a>`;
  }
  html += `</ul>`;

  $("#nav-meni-futer").html(html);
}

function ispisSocial (podaci){
  let html = `<ul>`;
  for (let li of podaci){
```

```
html += `<a href="${li.href}"><li>${li.naziv}</li></a>`;
}
html += `</ul>`;

$("#socials").html(html);
}

//proizvodAjax.js
window.onload = function(){
    $.ajax({
        url: "assets/js/data/proizvodi.json",
        method: "get",
        dataType: "json",
        success: function(data){
            ispisProizvoda(data);
        },
        error: function(xhr){
            console.log(xhr);
        }
    })

    $.ajax({
        url: "assets/js/data/kategorije.json",
        method: "get",
        dataType: "json",
        success: function(data){
            padajucalista(data, "#kategorije", "ddlKategorije", "Categories:");
        },
        error: function(xhr){
            console.log(xhr);
        }
    })

    $.ajax({
        url: "assets/js/data/sortiranje.json",
        method: "get",
        dataType: "json",
        success: function(data){
            padajucalista(data, "#sortiranje", "ddlSort", "Sort by:");
        },
        error: function(xhr){
            console.log(xhr);
        }
    })

    $(document).on("change", "#ddlKategorije", function(){
        let idKat = $("#ddlKategorije").val();

        let filtriraniProizvodi = [];
        if (idKat == 0) {
```

```

        ispisProizvoda(proizvodi);
    }
    else {
        for(let objP of proizvodi){
            if (idKat == objP.idKat){
                filtriraniProizvodi.push(objP);
            }
        }
        ispisProizvoda(filtriraniProizvodi);
    }
})

$(document).on("change", "#ddlSort", function(){
    let idSort = $("#ddlSort").val();
    if (idSort == 0) {
        ispisProizvoda(proizvodi);
    }
    else if (idSort == 1){
        proizvodi.sort(function(a,b) { return a.cena.valueOf() < b.cena.valueOf();});
        ispisProizvoda(proizvodi);
    }
    else if (idSort == 2) {
        proizvodi.sort(function(a,b) { return a.cena.valueOf() > b.cena.valueOf();});
        ispisProizvoda(proizvodi);
    }
})
}

function ispisProizvoda(podaci){
    let proizvod = ``;
    if (podaci.length == 0){
        proizvod += `

No products are currently available.</p>`
    }
    else {
        for (let pr of podaci) {
            proizvod += `


```

```
function padajucalista(podaci, idBloka, idListe, labelTxt) {
  let lista = `
```

```
const pass = document.getElementById('password');
const passCon = document.getElementById('password-con');
const date = document.getElementById('date');
const email = document.getElementById('email');
const phone = document.getElementById('phone');
const gender = document.getElementsByName('gender');
```

```
form.addEventListener('submit', (e) => {
  e.preventDefault();

  provera();
})
```

```
function provera(){
  const fnameValue = fname.value
  const lnameValue = lname.value
  const passValue = pass.value
  const passConValue = passCon.value
  const dateValue = date.value
  const emailValue = email.value
  const phoneValue = phone.value

  prazno(passValue, pass);

  prazno(dateValue, date);
  prazno(emailValue, email);

  slova(fnameValue, fname);
  slova(lnameValue, lname);

  brojevi(phoneValue, phone);

  emailProvera(emailValue, email);

  isti(passValue, passConValue, passCon);

  pol(gender);
}
function greska(input, message){
  const formControl = input.parentElement;
  const small = formControl.querySelector('small');
  small.innerText = message;
  formControl.className = 'form-control error';
}
function uspeh(input){
  const formControl = input.parentElement;
  formControl.className = 'form-control success';
}
```

```
function prazno(vrednostValue, vrednost) {
    if(vrednostValue === ""){
        greska(vrednost, 'This field can not be blank.')
    }
    else {
        uspeh(vrednost)
    }
}

function slova(vrednostValue, vrednost){
    if(!isNaN(vrednostValue)&& (vrednostValue !== "")){
        greska(vrednost, 'Only characters allowed.')
    }
    else {
        prazno(vrednostValue, vrednost)
    }
}

function brojevi(vrednostValue, vrednost){
    if(isNaN(vrednostValue)&&(vrednostValue !== "")){
        greska(vrednost, 'Only digits allowed.')
    }
    else {
        prazno(vrednostValue, vrednost)
    }
}

function emailProvera(vrednostValue, vrednost){
    var lastAtPos = vrednostValue.lastIndexOf('@');
    var lastDotPos = vrednostValue.lastIndexOf('.');
    if((lastAtPos > lastDotPos || lastAtPos < 0 || vrednostValue.indexOf('@@') == 1 || lastDotPos < 2
    || (vrednostValue.length - lastDotPos) < 2) &&(vrednostValue !== "")){
        greska(vrednost, 'This email is not valid.')
    }
    else{
        prazno(vrednostValue, vrednost)
    }
}

function isti(vrednostValue1, vrednostValue2, vrednost){
    if (vrednostValue1 != vrednostValue2 &&(vrednostValue2 !== "")) {
        greska(vrednost, 'Values do not match.')
    }
    else {
        prazno(vrednostValue2, vrednost)
    }
}

function pol(vrednost){
    if (!(vrednost[0].checked || vrednost[1].checked)) {
        alert('Please select one gender.');
```

```
}

//proizvodi.json
[
  {
    "id":1,
    "naziv":"Gummi Bears",
    "imgSrc":"assets/images/candy/gummi-bears.jpg",
    "cena":3.99,
    "idKat":1,
    "tekst":{
      "opis":"Home-made gummy bears",
      "sastojci":"sugar, glucose syrup, starch, flavoring, food coloring, citric acid, gelatin"
    }
  },
  {
    "id":2,
    "naziv":"Gummi Worms",
    "imgSrc":"assets/images/candy/gummi-worms.jpg",
    "cena":5.99,
    "idKat":1,
    "tekst":{
      "opis":"Vegan home-made gummy worms",
      "sastojci":"sugar, glucose syrup, starch, flavoring, food coloring, citric acid, pectin"
    }
  },
  {
    "id":3,
    "naziv":"Gummi Hears",
    "imgSrc":"assets/images/candy/gummi-hearts.jpg",
    "cena":3.99,
    "idKat":1,
    "tekst":{
      "opis":"Home-made gummy hears",
      "sastojci":"sugar, glucose syrup, starch, flavoring, food coloring, citric acid, gelatin"
    }
  },
  {
    "id":4,
    "naziv":"Sour Gummies",
    "imgSrc":"assets/images/candy/sour-gummies.jpg",
    "cena":4.49,
    "idKat":1,
    "tekst":{
      "opis":"Home-made sour gummies",
      "sastojci":"sugar, sour sugar, glucose syrup, starch, flavoring, food coloring, citric acid,
gelatin"
    }
  },
],
```

```
{
  "id":5,
  "naziv":"Milk Chocolate",
  "imgSrc":"assets/images/candy/milk-choco.jpg",
  "cena":3.59,
  "idKat":5,
  "tekst":{
    "opis":"Home-made milk chocolate",
    "sastojci":"sugar, cocoa butter, chocolate liquor, milk"
  }
},
{
  "id":6,
  "naziv":"Dark Chocolate",
  "imgSrc":"assets/images/candy/dark-choco.jpg",
  "cena":2.99,
  "idKat":5,
  "tekst":{
    "opis":"Home-made dark chocolate",
    "sastojci":"cacao beans, sugar, soy lecithin, vanilla"
  }
},
{
  "id":7,
  "naziv":"White Chocolate",
  "imgSrc":"assets/images/candy/white-choco.jpg",
  "cena":3.99,
  "idKat":5,
  "tekst":{
    "opis":"Home-made white chocolate",
    "sastojci":"sugar, cocoa butter, milk, vanilla, lecithin"
  }
},
{
  "id":8,
  "naziv":"Rock Candy",
  "imgSrc":"assets/images/candy/rock-candy.jpg",
  "cena":1.99,
  "idKat":2,
  "tekst":{
    "opis":"Home-made rock candy",
    "sastojci":"sugar, light corn syrup, fruit flavouring"
  }
},
{
  "id":9,
  "naziv":"Candy Fruit",
  "imgSrc":"assets/images/candy/candy-fruit.jpg",
  "cena":3.59,
  "idKat":2,
  "tekst":{
```



```
      "opis": "Home-made vegan candy fruit",
      "sastojci": "sugar, pectin, fruit flavouring"
    }
  },
  {
    "id": 10,
    "naziv": "Light Caramel",
    "imgSrc": "assets/images/candy/light-caramel.jpg",
    "cena": 3.99,
    "idKat": 3,
    "tekst": {
      "opis": "Home-made vanilla caramel",
      "sastojci": "caster sugar, vanilla, milk"
    }
  },
  {
    "id": 11,
    "naziv": "Chocolate Caramel",
    "imgSrc": "assets/images/candy/caramel-choco.jpg",
    "cena": 3.49,
    "idKat": 3,
    "tekst": {
      "opis": "Home-made vegan chocolate caramel",
      "sastojci": "caster sugar, cacao beans"
    }
  },
  {
    "id": 12,
    "naziv": "Salted Caramel",
    "imgSrc": "assets/images/candy/salted-caramel.jpg",
    "cena": 4.29,
    "idKat": 3,
    "tekst": {
      "opis": "Home-made salted caramel",
      "sastojci": "caster sugar, vanilla, sea salt, milk"
    }
  },
  {
    "id": 13,
    "naziv": "Caramel",
    "imgSrc": "assets/images/candy/caramel.jpg",
    "cena": 2.99,
    "idKat": 3,
    "tekst": {
      "opis": "Home-made caramel",
      "sastojci": "caster sugar"
    }
  },
  {
    "id": 14,
    "naziv": "Your Hearts",
```

```
"imgSrc":"assets/images/candy/your-hearts.jpg",
"cena":5.99,
"idKat":4,
"tekst":{
  "opis":"Custom-made heart candy! Choose the lettering while ordering!",
  "sastojci":"unflavored gelatin, water, confectioner's sugar"
},
{
  "id":15,
  "naziv":"Special Bar",
  "imgSrc":"assets/images/candy/special-bar.jpg",
  "cena":5.99,
  "idKat":4,
  "tekst":{
    "opis":"Custom-made dark chocolate! Choose the lettering while ordering!",
    "sastojci":"cacao beans, sugar, soy lecithin, vanilla"
  }
}
]
```

//kategorije.json

```
[
  {
    "id": 0,
    "naziv" : "Select"
  },
  {
    "id" : 1,
    "naziv" : "Gummies"
  },
  {
    "id" : 2,
    "naziv" : "Hard Candy"
  },
  {
    "id" : 3,
    "naziv" : "Caramels"
  },
  {
    "id" : 4,
    "naziv" : "Custom Orders"
  },
  {
    "id" : 5,
    "naziv" : "Chocolates"
  }
]
```

//sortiranje.json

```
[
  {
    "id": 0,
```

```
    "naziv" : "Select"
  },
  {
    "id" : 1,
    "naziv" : "Price: Highest to Lowest"
  },
  {
    "id" : 2,
    "naziv" : "Price: Lowest to Highest"
  }
]
```

//social.json

```
[
  {
    "naziv" : "Facebook",
    "href" : "https://facebook.com"
  },
  {
    "naziv" : "Instagram",
    "href" : "https://instagram.com"
  },
  {
    "naziv" : "LinkedIn",
    "href" : "https://linkedin.com"
  },
  {
    "naziv" : "Snapchat",
    "href" : "https://snapchat.com"
  }
]
```

//nav-meni.json

```
[
  {
    "naziv" : "Home",
    "href" : "index.html"
  },
  {
    "naziv" : "Products",
    "href" : "products.html"
  },
  {
    "naziv" : "Contact Us",
    "href" : "contact.html"
  },
  {
    "naziv" : "Author",
    "href" : "author.html"
  }
]
```

```
//indexCard.json
[
  {
    "id" : 1,
    "href" : "assets/images/hearts.jpg",
    "naziv" : "Gift for a loved one",
    "tekst" : "Our specially made and decorated products are a perfect way to brighten someones
day or to make it even sweeter! Show someone you care with our custom candy"
  },
  {
    "id" : 2,
    "href" : "assets/images/cupcakes.jpg",
    "naziv" : "Eco-friendly and eco-aware",
    "tekst" : "From every purchase you make we donate 5% to various organizations in our joint
effort to elevate our ecological status"
  },
  {
    "id" : 3,
    "href" : "assets/images/gummies.jpg",
    "naziv" : "Vegan and gluten-free options",
    "tekst" : "Take a pick at some of our specially prepared vegan and gluten-free sweets! We use
only the best, organic products"
  },
  {
    "id" : 4,
    "href" : "assets/images/macarons.jpg",
    "naziv" : "Delivery, free of charge",
    "tekst" : "For every purchase over 20$ or containing more than 5 products, we will deliver
the goods to your doorstep for free!"
  }
]
```

```
//kod koji sam probala da iskoristim bez JSON-a ili AJAX-a
```

```
var navMeni, social, kategorije, sortiranje, proizvodi, ispisIndexCard;
```

```
window.onload = function(){
  navMeni = [
    {
      "naziv" : "Home",
      "href" : "index.html"
    },
    {
      "naziv" : "Products",
      "href" : "products.html"
    },
    {
      "naziv" : "Contact Us",
      "href" : "contact-us.html"
    }
  ]
}
```

```
    },
    {
        "naziv" : "Author",
        "href" : "author.html"
    }
]
social = [
    {
        "naziv" : "Facebook",
        "href" : "https://facebook.com"
    },
    {
        "naziv" : "Instagram",
        "href" : "https://instagram.com"
    },
    {
        "naziv" : "LinkedIn",
        "href" : "https://linkedin.com"
    },
    {
        "naziv" : "Snapchat",
        "href" : "https://snapchat.com"
    }
]
kategorije = [
    { "id": 0,
      "naziv" : "Select"
    },
    {
        "id" : 1,
        "naziv" : "Gummies"
    },
    {
        "id" : 2,
        "naziv" : "Hard Candy"
    },
    {
        "id" : 3,
        "naziv" : "Caramels"
    },
    {
        "id" : 4,
        "naziv" : "Custom Orders"
    },
    {
        "id" : 5,
        "naziv" : "Chocolates"
    }
]
sortiranje = [
    { "id": 0,
```

```
    "naziv" : "Select"
  },
  {
    "id" : 1,
    "naziv" : "Price: Highest to Lowest"
  },
  {
    "id" : 2,
    "naziv" : "Price: Lowest to Highest"
  }
]
proizvodi = [
{
  "id":1,
  "naziv":"Gummi Bears",
  "imgSrc":"assets/images/candy/gummi-bears.jpg",
  "cena":3.99,
  "idKat":1,
  "tekst":{
    "opis":"Home-made gummy bears",
    "sastojci":"sugar, glucose syrup, starch, flavoring, food coloring, citric acid, gelatin"
  }
},
{
  "id":2,
  "naziv":"Gummi Worms",
  "imgSrc":"assets/images/candy/gummi-worms.jpg",
  "cena":5.99,
  "idKat":1,
  "tekst":{
    "opis":"Vegan home-made gummy worms",
    "sastojci":"sugar, glucose syrup, starch, flavoring, food coloring, citric acid, pectin"
  }
},
{
  "id":3,
  "naziv":"Gummi Hears",
  "imgSrc":"assets/images/candy/gummi-hearts.jpg",
  "cena":3.99,
  "idKat":1,
  "tekst":{
    "opis":"Home-made gummy hears",
    "sastojci":"sugar, glucose syrup, starch, flavoring, food coloring, citric acid, gelatin"
  }
},
{
  "id":4,
  "naziv":"Sour Gummies",
  "imgSrc":"assets/images/candy/sour-gummies.jpg",
  "cena":4.49,
  "idKat":1,
```

```
"tekst":{
  "opis":"Home-made sour gummies",
  "sastojci":"sugar, sour sugar, glucose syrup, starch, flavoring, food coloring, citric acid,
gelatin"
},
{
  "id":5,
  "naziv":"Milk Chocolate",
  "imgSrc":"assets/images/candy/milk-choco.jpg",
  "cena":3.59,
  "idKat":5,
  "tekst":{
    "opis":"Home-made milk chocolate",
    "sastojci":"sugar, cocoa butter, chocolate liquor, milk"
  }
},
{
  "id":6,
  "naziv":"Dark Chocolate",
  "imgSrc":"assets/images/candy/dark-choco.jpg",
  "cena":2.99,
  "idKat":5,
  "tekst":{
    "opis":"Home-made dark chocolate",
    "sastojci":"cacao beans, sugar, soy lecithin, vanilla"
  }
},
{
  "id":7,
  "naziv":"White Chocolate",
  "imgSrc":"assets/images/candy/white-choco.jpg",
  "cena":3.99,
  "idKat":5,
  "tekst":{
    "opis":"Home-made white chocolate",
    "sastojci":"sugar, cocoa butter, milk, vanilla, lecithin"
  }
},
{
  "id":8,
  "naziv":"Rock Candy",
  "imgSrc":"assets/images/candy/rock-candy.jpg",
  "cena":1.99,
  "idKat":2,
  "tekst":{
    "opis":"Home-made rock candy",
    "sastojci":"sugar, light corn syrup, fruit flavouring"
  }
},
{
```

```
"id":9,
"naziv":"Candy Fruit",
"imgSrc":"assets/images/candy/candy-fruit.jpg",
"cena":3.59,
"idKat":2,
"tekst":{
  "opis":"Home-made vegan candy fruit",
  "sastojci":"sugar, pectin, fruit flavouring"
},
{
  "id":10,
  "naziv":"Light Caramel",
  "imgSrc":"assets/images/candy/light-caramel.jpg",
  "cena":3.99,
  "idKat":3,
  "tekst":{
    "opis":"Home-made vanilla caramel",
    "sastojci":"caster sugar, vanilla, milk"
  },
  {
    "id":11,
    "naziv":"Chocolate Caramel",
    "imgSrc":"assets/images/candy/caramel-choco.jpg",
    "cena":3.49,
    "idKat":3,
    "tekst":{
      "opis":"Home-made vegan chocolate caramel",
      "sastojci":"caster sugar, cacao beans"
    },
    {
      "id":12,
      "naziv":"Salted Caramel",
      "imgSrc":"assets/images/candy/salted-caramel.jpg",
      "cena":4.29,
      "idKat":3,
      "tekst":{
        "opis":"Home-made salted caramel",
        "sastojci":"caster sugar, vanilla, sea salt, milk"
      },
      {
        "id":13,
        "naziv":"Caramel",
        "imgSrc":"assets/images/candy/caramel.jpg",
        "cena":2.99,
        "idKat":3,
        "tekst":{
          "opis":"Home-made caramel",
```



```

    "sastojci": "caster sugar"
  }
},
{
  "id": 14,
  "naziv": "Your Hearts",
  "imgSrc": "assets/images/candy/your-hearts.jpg",
  "cena": 5.99,
  "idKat": 4,
  "tekst": {
    "opis": "Custom-made heart candy! Choose the lettering while ordering!",
    "sastojci": "unflavored gelatin, water, confectioner's sugar"
  }
},
{
  "id": 15,
  "naziv": "Special Bar",
  "imgSrc": "assets/images/candy/special-bar.jpg",
  "cena": 5.99,
  "idKat": 4,
  "tekst": {
    "opis": "Custom-made dark chocolate! Choose the lettering while ordering!",
    "sastojci": "cacao beans, sugar, soy lecithin, vanilla"
  }
}
]

indexCard = [
  {
    "id" : 1,
    "href" : "assets/images/heart.jpg",
    "naziv" : "Gift for a loved one",
    "tekst" : "Our specially made and decorated products are a perfect way to brighten
someones day or to make it even sweeter! Show someone you care with our custom candy"
  },
  {
    "id" : 2,
    "href" : "assets/images/cupcakes.jpg",
    "naziv" : "Eco-friendly and eco-aware",
    "tekst" : "From every purchase you make we donate 5% to various organizations in our
joint effort to elevate our ecological status"
  },
  {
    "id" : 3,
    "href" : "assets/images/gummies.jpg",
    "naziv" : "Vegan and gluten-free options",
    "tekst" : "Take a pick at some of our specially prepared vegan and gluten-free sweets! We
use only the best, organic products"
  },
  {
    "id" : 4,
    "href" : "assets/images/macarons.jpg",

```

```

        "naziv" : "Delivery, free of charge",
        "tekst" : "For every purchase over 20$ or containing more than 5 products, we will
deliver the goods to your doorstep for free!"
    }
]

this.ispisIndexCard(indexCard, "#index-cards");
this.ispisListilinkova(navMeni, "#nav-meni");
this.ispisListilinkova(navMeni, "#nav-meni-futer");
this.ispisListilinkova(social, "#socials");
this.padajucaLista(kategorije, "#kategorije", "ddlKategorije", "Categories:");
this.padajucaLista(sortiranje, "#sortiranje", "ddlSort", "Sort by:");
this.ispisProizvoda(proizvodi, "#proizvod");

$(document).on("change", "#ddlKategorije", function(){
    let idKat = $("#ddlKategorije").val();

    let filtriraniProizvodi = [];
    if (idKat == 0) {
        ispisProizvoda(proizvodi, "#proizvod");
    }
    else {
        for(let objP of proizvodi){
            if (idKat == objP.idKat){
                filtriraniProizvodi.push(objP);
            }
        }
        ispisProizvoda(filtriraniProizvodi, "#proizvod");
    }
})

$(document).on("change", "#ddlSort", function(){
    let idSort = $("#ddlSort").val();
    if (idSort == 0) {
        ispisProizvoda(proizvodi, "#proizvod");
    }
    else if (idSort == 1){
        proizvodi.sort(function(a,b) { return a.cena.valueOf() < b.cena.valueOf();});
        ispisProizvoda(proizvodi, "#proizvod");
    }
    else if (idSort == 2) {
        proizvodi.sort(function(a,b) { return a.cena.valueOf() > b.cena.valueOf();});
        ispisProizvoda(proizvodi, "#proizvod");
    }
})
}

function ispisListilinkova (podaci, idBloka){
    let html = `<ul>`;
    for (let li of podaci){
        html += `<a href="${li.href}"><li>${li.naziv}</li></a>`;
    }
}

```

```

    }
    html += `</ul>`;

    $(idBloka).html(html);
}

function padajucaLista(podaci, idBloka, idListe, labelTxt) {
    let lista = `<div class="form-group">
    <label>${labelTxt}</label>
    <select id=${idListe}>>`
    for (let podatak of podaci){
        lista += `<option value="${podatak.id}">${podatak.naziv}</option>`;
    }
    lista += `</select></div>`

    $(idBloka).html(lista);
}

function ispisProizvoda(podaci, idBloka) {
    let proizvod = ``;
    if (podaci.length == 0){
        proizvod += `<p>No products are currently available.</p>`
    }
    else {
        for (let pr of podaci) {
            proizvod += `<div class="col">
                <div class="card proizvod">
                    
                    <div class="card-body">
                        <h2 class="card-title"><b>${pr.naziv}</b></h5>
                        <p class="card-text"><span
class=price>${pr.cena}</span></br>${pr.tekst.opis}</br>Ingredients: ${pr.tekst.sastojci}</p>
                        </div>
                    </div>
                </div>`
        }
    }

    $(idBloka).html(proizvod);
}

function ispisIndexCard(podaci, idBloka){
    let html=``;
    for (let card of podaci){
        html += `<div class="col">
            <div class="card">
                

```

```
        <div class="card-body">
          <h5 class="card-title">${card.naziv}</h5>
          <p class="card-text">
            ${card.tekst}
          </p>
        </div>
      </div>
    </div>`
  }
  $(idBlok).html(html);
}

///// obrada forme

const form = document.getElementById('form');
const fname = document.getElementById('fname');
const lname = document.getElementById('lname');
const pass = document.getElementById('password');
const passCon = document.getElementById('password-con');
const date = document.getElementById('date');
const email = document.getElementById('email');
const phone = document.getElementById('phone');
const gender = document.getElementsByName('gender');

form.addEventListener('submit', (e) => {
  e.preventDefault();

  provera();
})

function provera(){
  const fnameValue = fname.value
  const lnameValue = lname.value
  const passValue = pass.value
  const passConValue = passCon.value
  const dateValue = date.value
  const emailValue = email.value
  const phoneValue = phone.value

  prazno(passValue, pass);

  prazno(dateValue, date);
  prazno(emailValue, email);

  slova(fnameValue, fname);
  slova(lnameValue, lname);

  brojevi(phoneValue, phone);
```

```
emailProvera(emailValue, email);

isti(passValue, passConValue, passCon);

pol(gender);
}
function greska(input, message){
  const formControl = input.parentElement;
  const small = formControl.querySelector('small');
  small.innerText = message;
  formControl.className = 'form-control error';
}
function uspeh(input){
  const formControl = input.parentElement;
  formControl.className = 'form-control success';
}
function prazno(vrednostValue, vrednost) {
  if(vrednostValue === ""){
    greska(vrednost, 'This field can not be blank.')
  }
  else {
    uspeh(vrednost)
  }
}
function slova(vrednostValue, vrednost){
  if(!isNaN(vrednostValue)&& (vrednostValue !== "")){
    greska(vrednost, 'Only characters allowed.')
  }
  else {
    prazno(vrednostValue, vrednost)
  }
}
function brojevi(vrednostValue, vrednost){
  if(isNaN(vrednostValue)&&(vrednostValue !== "")){
    greska(vrednost, 'Only digits allowed.')
  }
  else {
    prazno(vrednostValue, vrednost)
  }
}
function emailProvera(vrednostValue, vrednost){
  var lastAtPos = vrednostValue.lastIndexOf('@');
  var lastDotPos = vrednostValue.lastIndexOf('.');
  if((lastAtPos > lastDotPos || lastAtPos < 0 || vrednostValue.indexOf('@@') == 1 || lastDotPos < 2
  || (vrednostValue.length - lastDotPos) < 2) &&(vrednostValue !== "")){
    greska(vrednost, 'This email is not valid.')
  }
}
```

```
    else{
        prazno(vrednostValue, vrednost)
    }
}

function isti(vrednostValue1, vrednostValue2, vrednost){
    if (vrednostValue1 != vrednostValue2 &&(vrednostValue2 != "")) {
        greska(vrednost, 'Values do not match.')
    }
    else {
        prazno(vrednostValue2, vrednost)
    }
}

function pol(vrednost){
    if (!(vrednost[0].checked || vrednost[1].checked)) {
        alert('Please select one gender.');
```