ATUSS – ODSEK VISOKA ŠKOLA ZA INFORMACIONE I KOMUNIKACIONE TEHNOLOGIJE

DOKUMENTACIJA

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

WEB PROGRAMIRANJE 2

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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"

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)
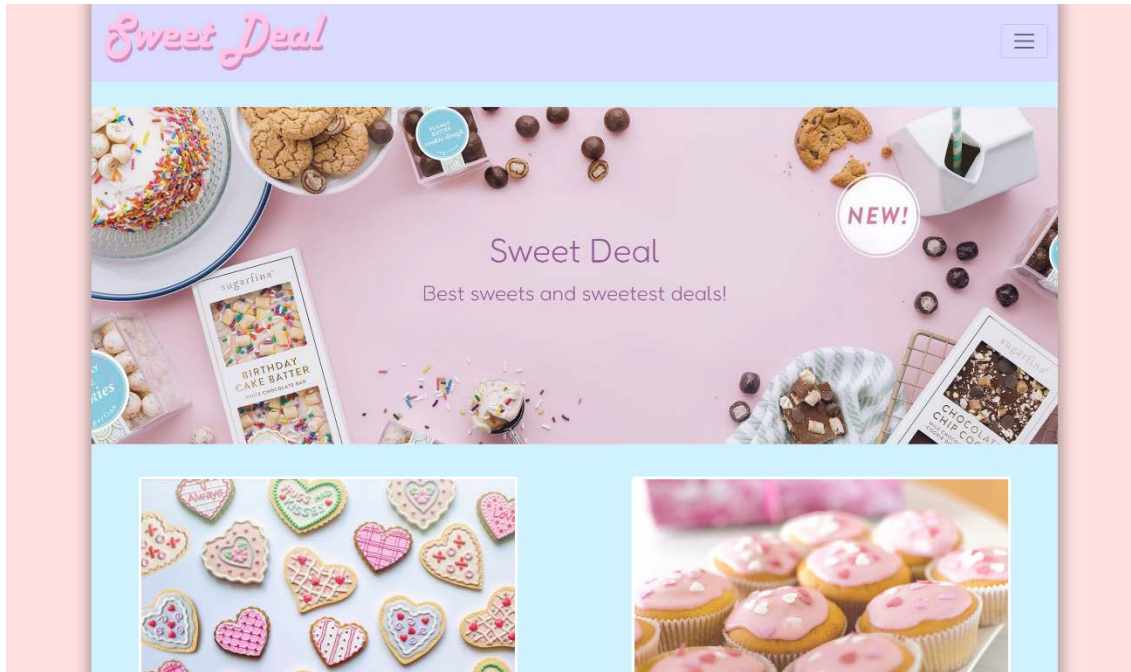
way to brighten someones day or to make it even sweeter! Show someone you care with our custom candy

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 recive 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 index.html
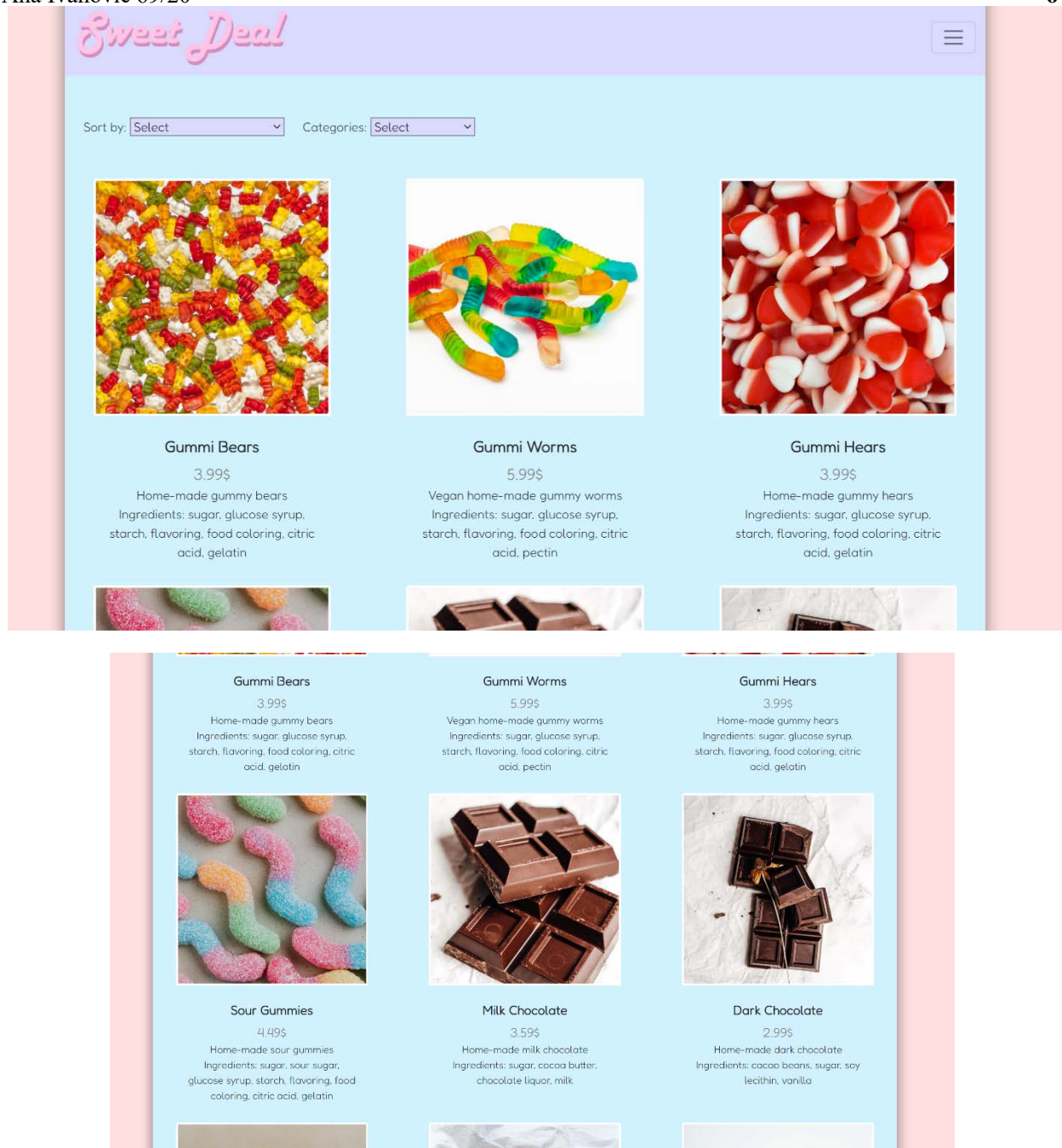
Stranica products.html I primer proizvoda
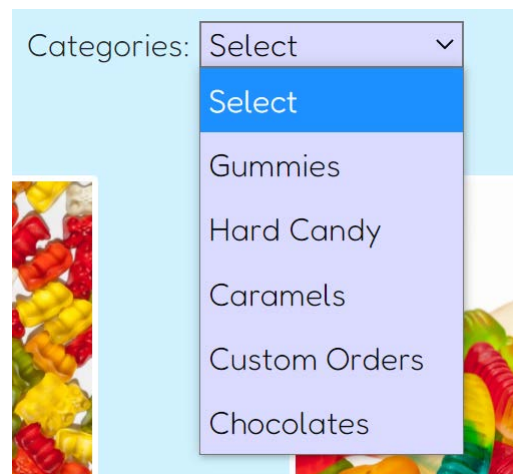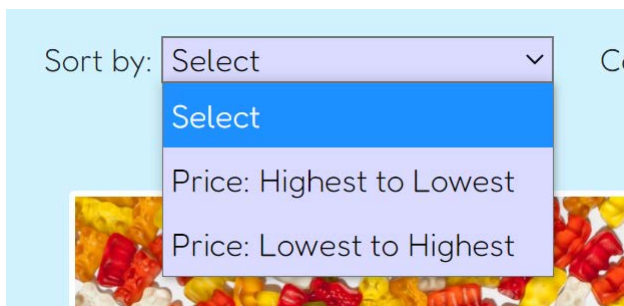
Sortiranje prema ceni I kategoriji

Prikaz forme, nepopunjene, neispravno I ispravno popunjene

Name Ana

Last name Ivanovic

Password •••••

Confirm password •••••

Date of Birth 11/04/2001

Email ana.ivanovic.69.20@ict.

Phone 011234567

Gender Male ○ Female ◉

Comment (optional)

Ispravno popunjena forma

Submit

Sign up today!

Name | Name

Last name | Last Name

Password |

Confirm password |

Date of Birth | mm/dd/yyyy

Email | email-address@some.m

Phone | 011234567

Gender Male ○ Female ○

Comment (optional) |

Submit

---

sweet-deal.github.io says

Please select one gender.

OK

me | Name

Name | Name | This field can not be blank.

Last name | Last Name | This field can not be blank.

Password | | This field can not be blank.

Confirm password | | This field can not be blank.

Date of Birth | mm/dd/yyyy | This field can not be blank.

Email | email-address@some.m | This field can not be blank.

Phone | 011234567 | This field can not be blank.

Gender Male ○ Female ○

Comment (optional) | |

Submit

Name | 12 | Only characters allowed.

Last name | 34 | Only characters allowed.

Password | | This field can not be blank.

Confirm password | ··· | Values do not match.

Date of Birth | mm/dd/yyyy | This field can not be blank.

Email | email-address@some.m | This field can not be blank.

Phone | abv | Only digits allowed.

Gender Male ○ Female ◉

Comment (optional) |

Submit

Stranica author.php

KODOVI I SINTAKSA

3.1 HTML

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

```html
<!DOCTYPE html>
<html>
  <head>
    <link rel="stylesheet" href="assets/css/style.css" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
      crossorigin="anonymous"
    />
  </head>
  <body>
    <div class="main-container">
    <header>
      <nav class="navbar navbar-light bg-light">
        <div class="container-fluid logo">
          <a href="index.html"><img src="assets/images/logocs.jpg" alt="Sweet Deal" class="logo-img
navbar-brand"></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="textbox">
        <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
```

```html
          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="http://ajax.googleapis.com/ajax/libs/jquery/1.9.1/jquery.min.js"></script>
    <script src="assets/js/main.js"></script>
    <!--<script src="assets/js/main2.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" />
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet"
```

```html
        integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous" />
</head>

<body>
    <div class="main-container">
        <header>
            <nav class="navbar navbar-light bg-light">
                <div class="container-fluid logo">
                    <a href="index.html"><img src="assets/images/logocs.jpg" alt="Sweet Deal"
                            class="logo-img navbar-brand"></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="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>
    </div>


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

                </nav>
            </div>
```

```html
            <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/main.js"></script>
        <!--<script src="assets/js/main2.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" />
    <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>
```

```html
            <nav class="navbar navbar-light bg-light">
                <div class="container-fluid logo">
                    <a href="index.html"><img src="assets/images/logocs.jpg" alt="Sweet Deal"
                            class="logo-img navbar-brand"></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>

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

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

```html
            <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>
```

```html
<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/main.js"></script>
<!--<script src="assets/js/main2.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" />
    <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"><img src="assets/images/logocs.jpg" alt="Sweet Deal"
                            class="logo-img navbar-brand"></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>
```

```html
        <div class="container-fluid">
            <div class="rowautor">
                <div class="autor">
                    <img src="assets/images/me.jpeg" alt="Photo of me" class="rounded-lg">

                </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>
```

```html
                <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/main.js"></script>
<!--<script src="assets/js/main2.js"></script>-->
</body>

</html>
```

3.2 CSS

```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;
```

```css
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);
```

```css
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   }
```

```css
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   }
```

```css
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  }
```

```css
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%;
```

```css
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(--darkerpurle);
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 {
```

```css
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;
```

```css
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;
```

```css
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

```javascript
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,
```

```json
    "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",
```

```json
      "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/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!"
        }
    ]


    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");
```

```javascript
        }
        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">
                            <img src="${pr.imgSrc}" class="card-img-top img-fluid proizvod-img"
alt="${pr.naziv}">
                            <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">
            <img src="${card.href}" class="card-img-top" alt="${card.naziv}" />
            <div class="card-body">
              <h5 class="card-title">${card.naziv}</h5>
              <p class="card-text">
                ${card.tekst}
              </p>
            </div>
          </div>
        </div>`
    }
    $(idBloka).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
```

```javascript
    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){
```

```javascript
    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.');
    }
}
```