

# DOKUMENTACIJA

## Web programiranje 1

*Dinamički web sajt*

<https://dimitrijepejkic.github.io/BurgerPlus/>

**Ime i Prezime:** Dimitrije Pejkić

**Broj indeksa:** 169/21

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# 1.Uvod

## 1.1 Korišćeni programski jezici

Za izradu sajta korišćeni su HTML, CSS, Javascript, jQuery, Bootstrap i XML(sitemap).

## 1.2 Opis funkcionalnosti

- Dinamičko ispisivanje sadržaja jelovnika
- Pretraga jelovnika preko regular izraza i dinamička izmena sadržaja
- Kontakt forma sa četiri polja sa proverom unosa i ispisivanjem grešaka

## 1.3 Template

Za izradu sajta korišćen je gotov template koji je preuzet sa sajta:

[https://www.w3schools.com/w3css/w3css\\_templates.asp](https://www.w3schools.com/w3css/w3css_templates.asp)

*Menjan je CSS kod*, odnosno dodavan nov, *menjan je HTML*, njihov template.css je ostao isti i on je u funkcionalnosti zbog efekata na sajtu i responsiva koji su oni ubacili. *Dodat je novi fajl sa ekstenzijom site.js* koji sam pisao kako bih upotrebio JavaScript i jQuery i implementirao ga u moj sajt. Dodatno sam uneo *folder admin* i fajl *robots.txt* koji je dobar za spidera. Takođe sam napisao i *sitemap.xml*, sajt mi je jednostranični(single/one page stranica), odnosno ima samo *index.html*.

## 1.4 Izlged sajta



## 2. Organizacija

### 2.1 Organizaciona šema


Sajt je rađen kao single/one page stranica. Jednostraničan

## 2.2 SITEMAP


```
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">

<url>
  <loc>https://dimitrijepejkic.github.io/BurgerPlus/index.html</loc>
  <lastmod>2022-12-14</lastmod>
  <changefreq>daily</changefreq>
  <priority>1.00</priority>
</url>
</urlset>
```


## 2.3 Slike stranica i opis funkcionalnosti




**Cheeseburger**  
Sastojci: Kačkavalj, svinjsko meso, paradajz  
8.00\$



**Burger sa jabukom**  
Sastojci: jabuka, svinjsko meso, burger sos  
7.00\$



**Vegeterijanski burger**  
Sastojci: Tri vrste pečuraka, crni pirinač, cvekla  
9.00\$



**Pohovani pileći burger**  
Sastojci: Hrskava piletina, ljuti ajvar, majonez  
6.99\$





### Meksički burger

Sastojci: Cheese, beef, tomatoes  
8.00\$



### Pileći burger

Sastojci: Piletina, luk, majonez  
6.00\$



### Mini burgeri

Sastojci: Sirni krekeri, hrskava slanina, rajčica  
8.00\$



### Pileći burger u pecivu od pirinča

Sastojci: Pohovana piletina, paradajz, salata  
8.00\$

## O autoru

X



Dimitrije Pejkić 169/21

Moje ime je Dimitrije Pejkić. Rođen sam 2002. godine u Negotinu. Trenutno sam na studijama Visoke ICT škole. Slobodno vreme provodim igrajući video igre.

### Kontakt

Ukoliko želite da stupite u kontakt sa mnom, to možete uraditi putem mejla:  
dimitrije.pejkic.169.21@ict.edu.rs

# Kontakt

X

Rezerviši sto, pitaj za današnji specijal ili pošalji poruku:

Ime i prezime

Broj gostiju

Datum i vreme

Poruka \ Specijalni zahtevi

POŠALJI PORUKU

# Kontakt

X

Rezerviši sto, pitaj za današnji specijal ili pošalji poruku:

Ime i prezime

Broj gostiju

Datum i vreme

December - 2022 -							
Sun	Mon	Tue	Wed	Thu	Fri	Sat	18:00
27	28	29	30	1	2	3	19:00
4	5	6	7	8	9	10	20:00
11	12	13	14	15	16	17	21:00
18	19	20	21	22	23	24	22:00
25	26	27	28	29	30	31	23:00

## 3. Kodovi

### 3.1 HTML

```
<!DOCTYPE html>
<html>
  <head>
    <title>Burger+</title>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <link rel="icon" href="assets/img/favicon.png" />
    <meta name="description" content="Najbolji burgeri u Beogradu!" />
    <meta
      name="keywords"
      content="burger, burger+, hamburger, pileci burger, cheeseburger, vegeterijanski burger,
burgeri"
    />
    <meta name="author" content="Dimitrije Pejkić" />
    <link rel="stylesheet" type="text/css" href="assets/css/site.css" />
    <link rel="stylesheet" type="text/css" href="assets/css/template.css" />
    <link
      rel="stylesheet"
      href="https://fonts.googleapis.com/css?family=Raleway"
    />
    <link
      rel="stylesheet"
      type="text/css"
      href="assets/css/jquery.datetimepicker.css"
    />
    <link
      rel="stylesheet"
      href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.14.0/css/all.min.css"
    />
    <style>
      body,
      h1,
      h5 {
        font-family: "Raleway", sans-serif;
      }
      body,
      html {
        height: 100%;
      }
      .bgimg {
        background-image: url("assets/img/background.jpg");
        min-height: 100%;
        background-position: center;
```



```

        background-size: cover;
    }
</style>
<script type="text/javascript" src="assets/js/jquery.js"></script>
<script
    type="text/javascript"
    src="assets/js/jquery.datetimepicker.full.min.js"
></script>
<script
    type="text/javascript"
    src="assets/js/jquery.datetimepicker.js"
></script>
<script type="text/javascript" src="assets/js/site.js"></script>
</head>
<body>
<div class="bgimg w3-display-container w3-text-white">
    <div id="logo" class="w3-display-topright w3-jumbo">
        <a href="index.html">Burger<span>+</span></a>
    </div>
    <div class="w3-display-topleft w3-container w3-xlarge">
        <p>
            <button
                onclick="document.getElementById('menu').style.display='block'"
                class="w3-button w3-black same-width"
            >
                Meni
            </button>
        </p>
        <p>
            <button
                onclick="document.getElementById('contact').style.display='block'"
                class="w3-button w3-black same-width"
            >
                Kontakt
            </button>
        </p>
        <p>
            <button
                onclick="document.getElementById('author').style.display='block'"
                class="w3-button w3-black same-width"
            >
                0 autoru
            </button>
        </p>
    </div>
</div>
<!-- Menu Modal -->

```

```

<div id="menu" class="w3-modal">
  <div class="w3-modal-content w3-animate-zoom">
    <div class="w3-container w3-black w3-display-container">
      <span
        onclick="document.getElementById('menu').style.display='none'"
        class="w3-button w3-display-topright w3-large"
      >x</span>
    >
    <input
      type="text"
      id="search"
      onchange="filterContent()"
      placeholder="Pretraga"
    />
    <div id="menuContent"></div>
  </div>
</div>
</div>

<!-- Contact Modal -->
<div id="contact" class="w3-modal">
  <div class="w3-modal-content w3-animate-zoom">
    <div class="w3-container w3-black">
      <span
        onclick="document.getElementById('contact').style.display='none'"
        class="w3-button w3-display-topright w3-large"
      >x</span>
    >
    <h1>Kontakt</h1>
  </div>
  <div class="w3-container">
    <p>Rezerviši sto, pitaj za današnji specijal ili pošalji poruku:</p>
    <form action="/action_page.php" target="_blank">
      <p>
        <input
          id="customer-name"
          class="w3-input w3-padding-16 w3-border"
          type="text"
          placeholder="Ime i prezime"
          required
          name="Name"
          onchange="validateName()"
        />
      </p>
      <p>
        <input
          id="number-of-people"

```

```

        class="w3-input w3-padding-16 w3-border"
        type="number"
        placeholder="Broj gostiju"
        required
        name="People"
        onchange="validateNumber()"
    />
</p>
<p>
    <input
        id="datetimepicker"
        class="w3-input w3-padding-16 w3-border"
        type="text"
        placeholder="Datum i vreme"
        required
        onchange="validateDate()"
    />
</p>
<p>
    <input
        class="w3-input w3-padding-16 w3-border"
        type="text"
        placeholder="Poruka \ Specijalni zahtevi"
        name="Message"
    />
</p>
<p>
    <button class="w3-button" type="submit">POŠALJI PORUKU</button>
</p>
</form>
</div>
</div>
</div>
<!-- Author Modal-->
<div id="author" class="w3-modal">
    <div class="w3-modal-content w3-animate-zoom">
        <div class="w3-container w3-black">
            <span
                onclick="document.getElementById('author').style.display='none'"
                class="w3-button w3-display-topright w3-large"
            >x</span>
        >
        <h1>0 autoru</h1>
    </div>
    <div class="w3-container">
        <div id="display-flex">
            <figure>

```

```

        
        <figcaption>Dimitrije Pejkić 169/21</figcaption>
    </figure>
    <div id="display-block">
        <p>
            Moje ime je Dimitrije Pejkić. Rođen sam 2002. godine u Negotinu.
            Trenutno sam na studijama Visoke ICT škole. Slobodno vreme
            provodim igrajući video igre.
        </p>
        <h3>Kontakt</h3>
        <p>
            Ukoliko želite da stupite u kontakt sa mnom, to možete uraditi
            putem mejla:
            dimitrije&#46;pejkic&#46;169&#46;21&#64;ict&#46;edu&#46;rs
        </p>
    </div>
</div>
</div>
</div>
</div>
<div id="error" class="w3-modal">
    <div class="w3-modal-content w3-animate-zoom">
        <div class="w3-container w3-black w3-display-container">
            <span
                onclick="document.getElementById('error').style.display='none'"
                class="w3-button w3-display-topright w3-large"
            >x</span>
        >
        <div id="errorContent"></div>
    </div>
</div>
</div>
<div class="w3-display-bottomleft w3-container white-font">
    <p class="w3-xxlarge">ponedeljak - petak 10-23 | subota 14-02</p>
    <p class="w3-large">Zdravka Čelara 16, Beograd</p>
</div>
<footer>
    <div class="center-block">
        <div id="social">
            <ul>
                <li>
                    <a
                        href="https://www.facebook.com/dimitrije.pejkic/"

```

```

        target="_blank"
    >
        <i class="fab fa-facebook"></i>
    </a>
</li>
<li>
    <a
        href="https://www.instagram.com/pejkicdimitrije/"
        target="_blank"
    >
        <i class="fab fa-instagram"></i>
    </a>
</li>
<li>
    <a href="https://www.youtube.com/" target="_blank">
        <i class="fab fa-youtube"></i>
    </a>
</li>
<li>
    <a href="root/sitemap.xml" target="_blank">
        <i class="fas fa-sitemap"></i>
    </a>
</li>
<li>
    <a href="root/rss.xml" target="_blank">
        <i class="fas fa-rss"></i>
    </a>
</li>
<li>
    <a href="#" target="_blank">
        <i class="fas fa-file"></i>
    </a>
</li>
</ul>
</div>
<p>Copyright&nbsp;&copy;&nbsp;&nbsp;2022&nbsp;&nbsp;Dimitrije Pejkić</p>
</div>
</footer>
</body>
</html>

```



## 3.2 CSS

```
4  #logo {
5    margin: 24px;
6  }
7  #logo a {
8    margin: 0px;
9  }
10 #logo a span {
11   color: rgb(246, 183, 106);
12 }
13 #logo a {
14   text-decoration: none;
15 }
16 .menu-item img {
17   width: 375px;
18   max-height: 250px;
19 }
20 footer {
21   background-color: rgb(246, 183, 106);
22   height: 100px;
23   width: 100%;
24   text-align: center;
25   box-shadow: rgba(0, 0, 0, 0.35) 0px 5px 15px;
26 }
27 footer ul li {
28   display: inline;
29   font-size: 30px;
30   margin: 5px;
31 }
32 footer p {
33   margin-top: 10px;
34   color: #971616;
35 }
```

```
36 .center-block {
37   width: 80%;
38   margin: 0px auto;
39 }
40 #social ul li a :hover {
41   color: rgb(255, 0, 0);
42 }
43 footer ul li a {
44   text-decoration: none;
45   color: #971616;
46 }
47 footer ul {
48   margin: 0;
49   padding-top: 10px;
50   padding-left: 0;
51 }
52 .w3-container figure {
53   max-width: 179.58px;
54   margin: 20px 0 0 0;
55 }
56 .w3-container figure figcaption {
57   margin-left: 15px;
58   margin-bottom: 16px;
59 }
60 #menuContent {
61   width: 100%;
62   height: min-content;
63   padding: 16px 39px;
64   display: flex;
65   flex-direction: row;
66   flex-wrap: wrap;
67   justify-content: space-between;
68 }
```

```
69 .menu-item-description {
70   text-align: center;
71   margin: 10px 0;
72 }
73 .menu-item-container {
74   max-width: 375px;
75 }
76 #errorContent {
77   height: 100px;
78   padding: 40px;
79 }
80 .same-width {
81   width: 150px;
82 }
83 #display-flex {
84   display: flex;
85 }
86 #display-flex p {
87   padding-left: 16px;
88 }
89 #display-flex h3 {
90   margin-left: 16px;
91   margin-top: 25px;
92 }
93 #display-block {
94   padding: 10px 0 10px 0;
95 }
96 #search {
97   margin-top: 20px;
98   width: 25%;
99   margin-left: 40px;
100 }
101 .white-font p {
```

```
102 color: white;
103 word-break: break-all;
104 }
```

### 3.3 JavaScript & jQuery

```
function validateName() {
    var customerName = $("#customer-name")[0].value;
    var nameRGEX = /^[A-Z]\w+/;
    if (nameRGEX.test(customerName)) {
    } else {
        $("#error").show();
        $("#errorContent").text("Ime nije u ispravnom formatu");
    }
}

function validateNumber() {
    var numberOfPeople = $("#number-of-people")[0].value;
    if (numberOfPeople > 6) {
        $("#error").show();
        $("#errorContent").text("Najviše do 6 osoba");
    }
    if (numberOfPeople < 1) {
        $("#error").show();
        $("#errorContent").text("Unesite pozitivan broj");
    }
}

function validateDate() {
    var selectedDate = $("#datetimepicker")[0].value;
    var selectedTime = new Date(selectedDate).getTime();
    if (selectedTime < new Date().getTime()) {
        $("#error").show();
        $("#errorContent").text("Izabrani datum je u prošlosti");
    }
}

// JQuery plugin
$(document).ready(function () {
    $("#datetimepicker").datetimepicker();
    loadMenuContent();
});

//
var menuContent = [
    {
        href: "assets/img/cheeseburger.jpg",
        src: "assets/img/cheeseburger.jpg",
```

```

    alt: "Cheeseburger",
    name: "Cheeseburger",
    price: "8.00$",
    description: "Kačkavalj, svinjsko meso, paradajz",
  },
  {
    href: "assets/img/burger-jabuka.jpg",
    src: "assets/img/burger-jabuka.jpg",
    alt: "Burger sa jabukom",
    name: "Burger sa jabukom",
    price: "7.00$",
    description: "jabuka, svinjsko meso, burger sos",
  },
  {
    href: "assets/img/vege-burger_375x250.jpg",
    src: "assets/img/vege-burger_375x250.jpg",
    alt: "Vegeterijanski burger",
    name: "Vegeterijanski burger",
    price: "9.00$",
    description: "Tri vrste pečuraka, crni pirinač, cvekla",
  },
  {
    href: "assets/img/Pileći-burger.jpg",
    src: "assets/img/Pileći-burger.jpg",
    alt: "Pohovani pileći burger",
    name: "Pohovani pileći burger",
    price: "6.99$",
    description: "Hrskava piletina, ljuti ajvar, majonez",
  },
  {
    href: "assets/img/meksicki-burger.jpg",
    src: "assets/img/meksicki-burger.jpg",
    alt: "Meksički burger",
    name: "Meksički burger",
    price: "8.00$",
    description: "Cheese, beef, tomatoes",
  },
  {
    href: "assets/img/chickburger_01_1_375x250.jpg",
    src: "assets/img/chickburger_01_1_375x250.jpg",
    alt: "Pileći burger",
    name: "Pileći burger",
    price: "6.00$",
    description: "Piletina, luk, majonez",
  },
  {
    href: "assets/img/mini-burgeri.jpg",
    src: "assets/img/mini-burgeri.jpg",
    alt: "Mini burgeri",

```



```

    name: "Mini burgeri",
    price: "8.00$",
    description: "Sirni krekeri, hrskava slanina, rajčica ",
  },
  {
    href: "assets/img/pileci-burger-riza.jpg",
    src: "assets/img/pileci-burger-riza.jpg",
    alt: "Pileći burger u pecivu od pirinča",
    name: "Pileći burger u pecivu od pirinča",
    price: "8.00$",
    description: "Pohovana piletina, paradajz, salata",
  },
];

function loadMenuContent() {
  var menuElement = $("#menuContent")[0];
  var contentString = "";
  for (i = 0; i < menuContent.length; i++) {
    contentString +=
      "<div class='menu-item-container'><a class='menu-item' href='" +
      menuContent[i].href +
      "'><img src='" +
      menuContent[i].src +
      "' +
      menuContent[i].alt +
      "/></a>";
    contentString +=
      "<div class='menu-item-description'>" +
      "<b>" +
      menuContent[i].name +
      "</b>" +
      " <br>" +
      "Sastojci: " +
      menuContent[i].description +
      " " +
      "<br>" +
      menuContent[i].price +
      "</div></div>";
  }

  menuElement.innerHTML = contentString;
}

function filterContent() {
  var menuElement = $("#menuContent")[0];
  var searchFilter = $("#search")[0].value;
  var nameRGEX = new RegExp(".*" + searchFilter + ".*");
  var contentString = "";
  for (i = 0; i < menuContent.length; i++) {
    if (nameRGEX.test(menuContent[i].description + menuContent[i].name)) {
      contentString +=

```

```

        "<div class='menu-item-container'><a class='menu-item' href='" +
        menuContent[i].href +
        "'><img src='" +
        menuContent[i].src +
        "'" +
        menuContent[i].alt +
        "'/></a>";
    contentString +=
        "<div class='menu-item-description'>" +
        "<b>" +
        menuContent[i].name +
        "</b>" +
        " <br>" +
        "Sastojci: " +
        menuContent[i].description +
        " " +
        "<br>" +
        menuContent[i].price +
        "</div></div>";
    }
}

menuElement.innerHTML = contentString;
}

```













