

## DOKUMENTACIJA

<https://aleksandraobucina.github.io/test/>

Web programiranje 1

Aleksandra Obućina 127/22

Smer: Internet tehnologije

Modul: Web programiranje

Predmet: Web programiranje 1

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## 1. Uvod 1

### 1.1 Korišćeni tehnologije

- **HTML**
- **CSS**
- **Javascript**
- **jQuery**
- **Bootstrap v4.5** Radeno u Visual studio code. Sajt hostovan na GitHub.

### 1.2 Opis funkcionalnosti

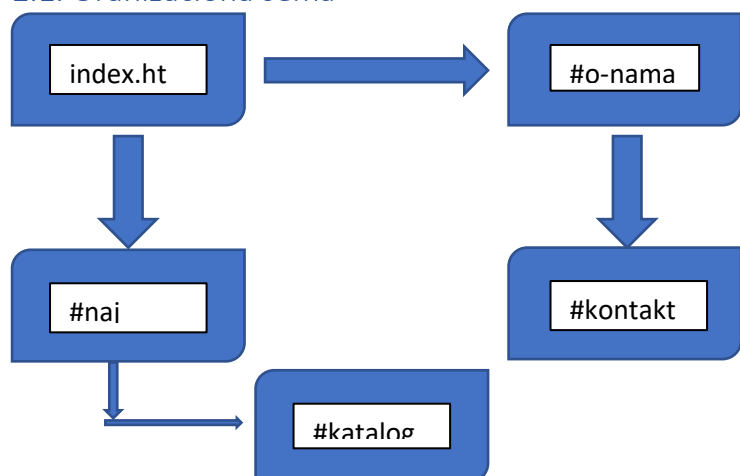
- Dinamičko ispisivanje navigacionog menija
- Otvaranje eskpandirajućeg menija na manjim rezolucijama klikom na 'hamburger' ikonicu
- Dinamičko ispisivanje proizvoda, odnosno slika
- Dinamičko ispisavanje forme za kontakt
- Dinamičko ispisivanje validacije za formu
- Provera unetih podataka u formu prilikom napustanja pojedinačnih polja ili nakon pritiska na dugme pošalji
- Pritiskom na dugme pošalji, u slučaju da su sva polja ispravno popunjena, otvara se modal sa porukom za korisnika

### 1.3. Template

Za izradu nije korišćen gotov template, sajt je ručno pisan uz pomoć Bootstrap-a. Kod koji realizuje sajt je priložen u nastavku dokumenta. Sajt je 'single page'.

## 2. Organizacija

## 2.1. Organizacija šema



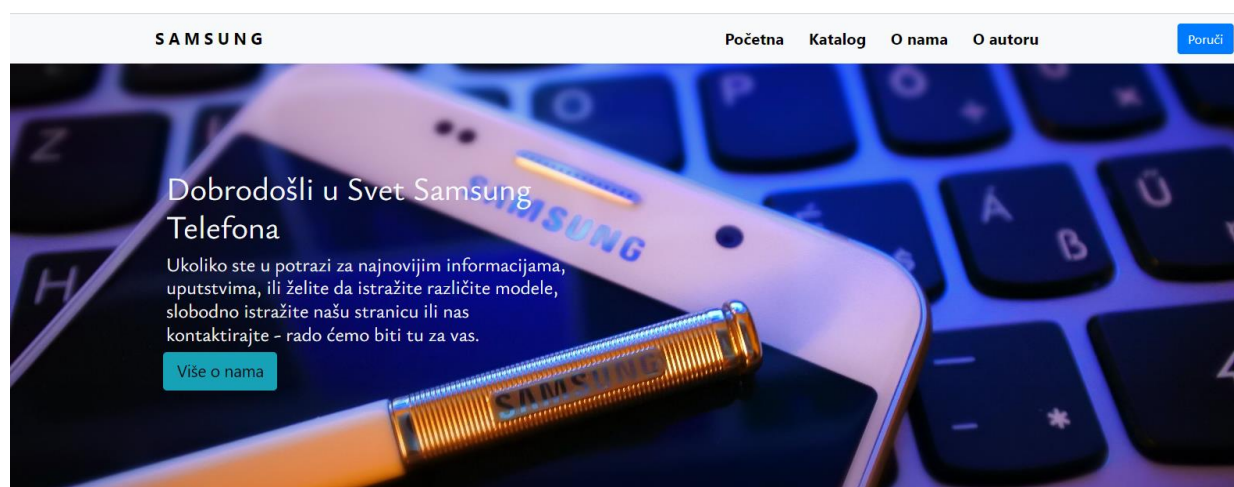
## 2.2 Mapa sajta

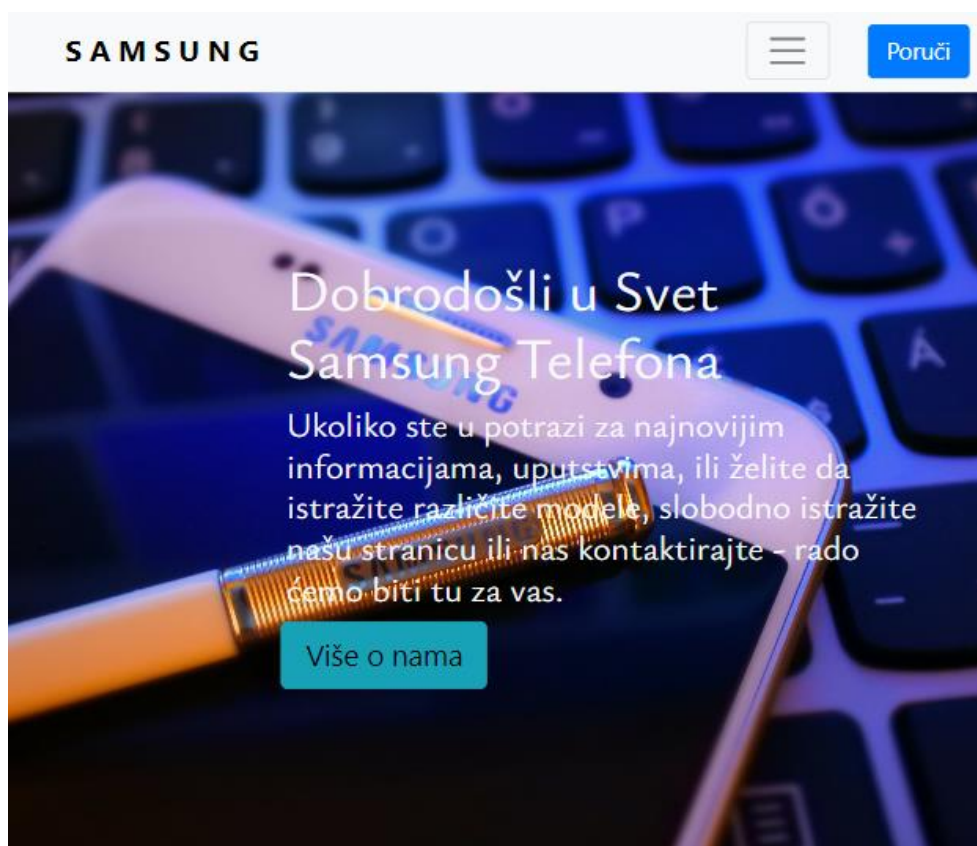
```
sitemap.xml
1 <urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
2   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3   xsi:schemaLocation="http://www.sitemaps.org/schemas/sitemap/0.9 http://www.sitemaps.org/schemas/sitemap/0.9/sitemap.xsd">
4   <url>
5     <loc>https://aleksandraobucina.github.io/test/</loc>
6     <lastmod>2023-12-09T12:52:20+00:00</lastmod>
7     <priority>1.00</priority>
8   </url>
9   <url>
10    <loc>https://aleksandraobucina.github.io/test/index.html#katalog</loc>
11    <lastmod>2023-12-09T12:52:20+00:00</lastmod>
12    <priority>0.80</priority>
13  </url>
14  <url>
15    <loc>https://aleksandraobucina.github.io/test/index.html#o-nama</loc>
16    <lastmod>2023-12-09T12:52:20+00:00</lastmod>
17    <priority>0.60</priority>
18  </url>
19  <url>
20    <loc>https://aleksandraobucina.github.io/test/autor.html</loc>
21    <lastmod>2023-12-09T12:52:20+00:00</lastmod>
22    <priority>0.80</priority>
23  </url>
24 </urlset>
```

## 2.3 Opis funkcionalnosti na stranici

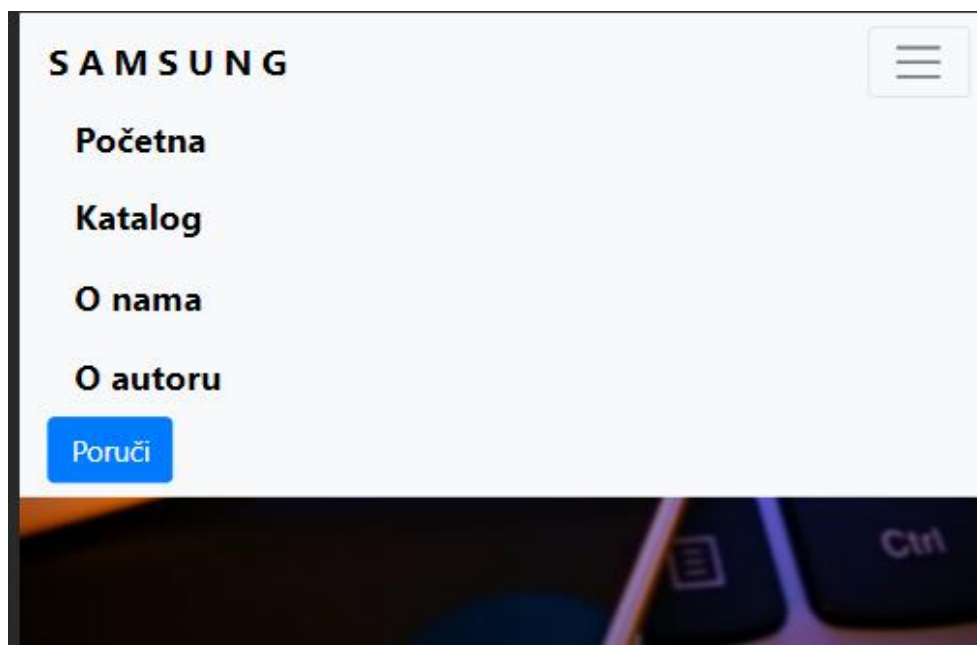
### 2.3.1. Početna (index.html)

Prilikom učitavanja stranice JavaScript-om dinamički se ispisuje navigacioni meni. Navigacioni meni nestaje na manjim rezolucijama i pojavljuje se „hamburger“ dugme koje kada se pritisne otvara navigaciju i prikazuje linkove. Klik na link u navigaciji vodi na određenu sekciju stranice. Klikom na dugme “Poruči” otvara se forma za popunjavanje narudzbine i poručivanje, kojoj se kao i formi u footer-u proveravaju ispravnost unetih podatakakada se forma pošalje. Ispisivanje greške ispod polja forme koje nije dobro popunjeno.





## NAJNOVIJA PONUDA



Ukoliko se klikne na dugme “Poruči” dobijamo formu za poručivanje

The screenshot shows a modal window titled "Poruci proizvod" (Order product) overlaid on the Samsung website. The form contains the following fields and labels:

- Ime: (Name)
- Prezime: (Surname)
- E-mail adresa: (E-mail address)
- Koji telefon porucujete: (Which phone are you ordering?)
  - Napisite sifru proizvoda (Write the product code)
- Datum dostave: (Delivery date)
  - mm/dd/yyyy
- Adresa dostave: (Delivery address)
  - Adresa i mesto (Address and location)
- Poruci (Order) button

Ukoliko podaci nisu ispravno uneseni:

The screenshot shows the same "Poruci proizvod" form, but with validation errors indicated by red text below the input fields:

- Ime: a  
Ime mora imati najmanje 2 slova.
- Prezime: o  
Prezime mora imati najmanje 2 slova.
- E-mail adresa: a@a
- Koji telefon porucujete: n1x  
Šifra proizvoda mora imati tačno 5 karaktera.
- Datum dostave: (empty)

## NAJNOVIJA PONUDA



Cena: \$123  
Šifra: XYZ123



Cena: \$234  
Šifra: ABC456



Cena: \$234  
Šifra: ABC456



Cena: \$234  
Šifra: ABC456

[Pogledajte katalog](#)



Saljemo kurirskom  
službom za celu Srbiju



Besplatna dostava na  
teritoriji Beograda

## O NAMA



Naš cilj je da vam pružimo sveobuhvatne  
informacije o najnovijim modelima  
Samsung telefona, bilo da se radi o  
najnovijim Galaxy serijama ili posebnim  
modelima koji prate trendove  
tehnologije.

[Kontaktirajte nas](#)

## KATALOG

## KATALOG



Cena: \$799  
Šifra: ULT01



Cena: \$700  
Šifra: S2202



Cena: \$649  
Šifra: S2203



Cena: \$500  
Šifra: A5430



Cena: \$449  
Šifra: A5305



Cena: \$400  
Šifra: A3406



Cena: \$339  
Šifra: A3307



Cena: \$300  
Šifra: A3208



---

## KONTAKT




Ime:


Prezime:


Email:

Poruka:

Pošalji

 Pogledajte naš insargram

 Možete nam nas naći i na tviteru

 Ostavite nam vaše podatke

 0 800 1001 00

 Možete nas naći i na facebook-u

 Pišite nam na mejl

[Dokumentacija](#)

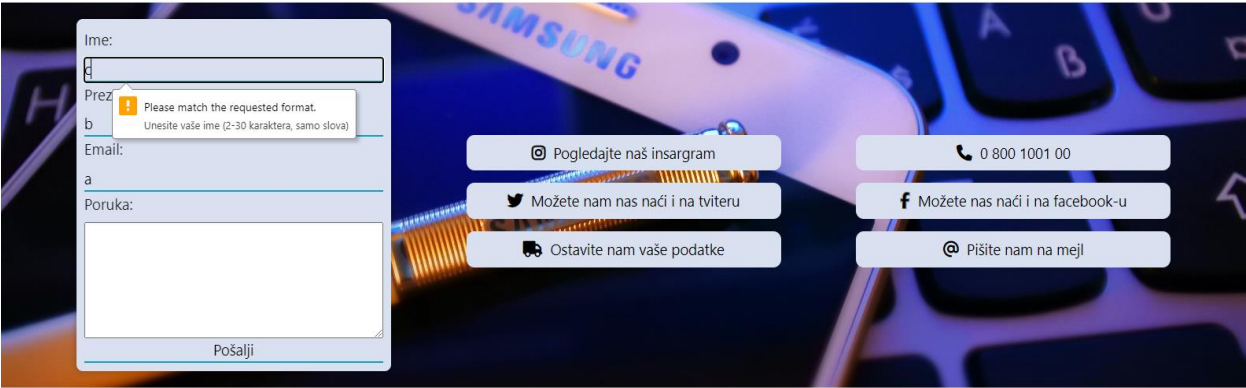
[sitemap](#)

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---

Ukoliko forma nije dobro popunjena

### KONTAKT



Ime:

Prez:  Please match the requested format. Unesite vaše ime (2-30 karaktera, samo slova)

Email:

Poruka:

Pošalji

[Pogledajte naš insargram](#) [0 800 1001 00](#)


[Možete nas naći i na tvideru](#) [Možete nas naći i na facebook-u](#)

[Ostavite nam vaše podatke](#) [Pišite nam na mejl](#)

[Dokumentacija](#) [sitemap](#)

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### KONTAKT



Ime:

Prezime:

Email:  Please include an '@' in the email address. 'aa' is missing an '@'.

Pošalji

[Pogledajte naš insargram](#) [0 800 1001 00](#)

[Možete nas naći i na tvideru](#) [Možete nas naći i na facebook-u](#)


[Ostavite nam vaše podatke](#) [Pišite nam na mejl](#)

[Dokumentacija](#) [sitemap](#)

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**SAMSUNG**[Početna](#) [O nama](#) [Katalog](#) [O autoru](#)

## O AUTORU



**Aleksandra Obućina**  
*Fakultet*  
ICT  
*Indeks*  
127/22



## 3.KODOVI

### 3.1. HTML

#### 3.1.1. index.html

```
index.html > html > head > title
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <title>Samsung</title>
6   <meta charset="UTF-8" />
7   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
8   <link rel="stylesheet" href="assets/css/style.css">
9   <link href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
10     integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous" />
11   <!-- Font Awesome CSS -->
12   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css" />
13   <link rel="preconnect" href="https://fonts.googleapis.com" />
14   <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin />
15   <link
16     href="https://fonts.googleapis.com/css2?family=Dancing+Script&family=Italianno&family=Ysabeau:wght@600&display=swap"
17     rel="stylesheet" />
18   <!-- Ikonice -->
19   <script src="https://kit.fontawesome.com/d6fae711f9.js" crossorigin="anonymous"></script>
20   <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
21 </head>
22
23 <body>
24
25   <header>
26     <nav class="navbar navbar-expand-lg navbar-light">
27       <div class="container">
28         <a class="navbar-brand" href="#index.html">
29           S A M S U N G
30         </a>
31         <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav"
32           aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
33
```

```

34
35     </button>
36     <div class="collapse navbar-collapse" id="navbarNav">
37         <ul class="navbar-nav ml-auto">
38             <!-- JS-->
39         </ul>
40     </div>
41 </div>
42 <button id="poruciButton" class="btn btn-primary">
43     Poruci
44 </button>
45
46 <div class="modal" id="modal">
47     <div class="modal-content">
48         <span class="close" id="close">&times;</span>
49         <h2 class="naslov-h2">Poruci proizvod</h2>
50         <form id="poruciForm">
51             <div class="form-group">
52                 <label for="ime">Ime:</label>
53                 <input type="text" class="form-control" id="ime" name="ime" required="">
54             </div>
55             <div class="form-group">
56                 <label for="prezime">Prezime:</label>
57                 <input type="text" class="form-control" id="prezime" name="prezime" required="">
58             </div>
59             <div class="form-group">
60                 <label for="email">E-mail adresa:</label>
61                 <input type="email" class="form-control" id="email" name="email" required="">
62             </div>
63             <div class="form-group">
64                 <label for="adresa">Koji telefon porucujete:</label>
65                 <input name="adresa" class="form-control" placeholder="Napisite sifru proizvoda"

```

```

64         <label for="adresa">Koji telefon porucujete:</label>
65         <input name="adresa" class="form-control" placeholder="Napisite sifru proizvoda"
66             required="">
67     </div>
68     <div class="form-group">
69         <label for="datumDostave">Datum dostave:</label>
70         <input type="date" class="form-control" id="datumDostave" name="datumDostave" required="">
71     </div>
72     <div class="form-group">
73         <label for="adresa">Adresa dostave:</label>
74         <input name="adresa" class="form-control" placeholder="Adresa i mesto" required="">
75     </div>
76     <div class="form-group">
77         <button type="submit" class="btn btn-success">Poruci</button>
78     </div>
79     </form>
80 </div>
81 </div>
82 </nav>
83 </header>
84
85 <div class="naslovna bg p-50-0 d-flex align-items-center">
86     <div class="container-fluid col-12">
87         <div class="container-fluid float-left text-light col-12 col-lg-5">
88             <h1>Dobrodošli u Svet Samsung Telefona</h1>
89             <h4>Ukoliko ste u potrazi za najnovijim informacijama, uputstvima, ili želite da
90                 istražite različite modele, slobodno istražite našu stranicu ili nas kontaktirajte - rado ćemo biti
91                 tu za vas.</h4>
92             <span class="button-container text-left m-3">
93                 <a href="#o-nama" class="btn btn-lg btn-info btn-min-width">Više o nama</a>
94             </span>

```

```

85     <div class="naslovna bg p-50-0 d-flex align-items-center">
86         <div class="container-fluid col-12">
87             <div class="container-fluid float-left text-light col-12 col-lg-5">
88                 <h1>Dobrodošli u Svet Samsung Telefona</h1>
89                 <h4>Ukoliko ste u potrazi za najnovijim informacijama, uputstvima, ili želite da
90                     istražite različite modele, slobodno istražite našu stranicu ili nas kontaktirajte - rado ćemo biti
91                     tu za vas.</h4>
92                 <span class="button-container text-left m-3">
93                     <a href="#o-nama" class="btn btn-lg btn-info btn-min-width">Više o nama</a>
94                 </span>
95             </div>
96         </div>
97     </div>
98     <div class="naslov-h2">
99         <h2>NAJNOVIJA PONUDA</h2>
100     </div>
101     <div class="container text-center">
102         <div id="telefoni-container" class="d-flex flex-wrap">
103             <!-- JS -->
104         </div>
105     </div>
106     <div id="df">
107         <span class="button-container text-left m-3 align-items-center">
108             <a href="#katalog" class="btn btn-lg btn-info btn-min-width">Pogledajte katalog</a>
109         </span>
110     </div>

```

```

134     </div>
135     <div class="forma">
136         <div class="down">
137             
138         </div>
139         <div class="down bg-plava p-3 m-1 text-center rounded">
140             <p>Naš cilj je da vam pružimo sveobuhvatne informacije o najnovijim modelima Samsung telefona,
141             bilo da se radi o najnovijim Galaxy serijama ili posebnim modelima koji prate trendove tehnologije.
142         </p>
143         <span class="button-container text-left">
144             <a href="#Kontakt" class="btn btn-lg btn-info btn-min-width">Kontaktirajte nas</a>
145         </span>
146     </div>
147 </div>
148 </div>
149 <div id="katalog">
150     <div class="naslov-h2">
151         <h2>KATALOG</h2>
152     </div>
153     <div id="novi-telefoni-container" class="n-t d-flex justify-content-between">
154         <!--JS-->
155     </div>
156 </div>
157 <hr />
158

```

```

159 <div class="naslov-h2">
160     <h2>KONTAKT</h2>
161 </div>
162 <div id="Kontakt">
163     <div class="forma naslovna1">
164         <div id="contact-form" class="down">
165         </div>
166         <div class="down">
167             <a href="https://www.instagram.com/" target="_blank"><i class="fab fa-instagram"></i> Pogledajte naš
168             insangram</a>
169             <a href="https://www.twitter.com/" target="_blank"><i class="fa-brands fa-twitter"></i> Možete nam nas
170             naći i na tviteru</a>
171             <a href="#poruciButton"><i class="fa-solid fa-truck"></i> Ostavite nam vaše podatke</a>
172         </div>
173         <div class="down">
174             <a href="#"><i class="fa-solid fa-phone"></i> 0800 1001 000</a>
175             <a href="https://www.facebook.com/" target="_blank"><i class="fab fa-facebook-f"></i> Možete nas naći
176             na
177             facebook-u</a>
178             <a href="mailto:someone@example.com" target="_blank"><i class="fas fa-at"></i> Pišite nam na mejl</a>
179         </div>
180     </div>
181 </div>
182

```

```

6      <footer>
7          <div class="container col-6">
8              <a href="assets/dokumentacija/VISOKA ŠKOLA STRUKOVNIH STUDIJA ZA INFORMACIONE I KOMUNIKACI (1).pdf">Dokumentacija</a>
9              <a href="sitemap.xml" class="d-inline text-info ml-3 float-right">sitemap</a>
0              <p class="text-center border-top pt-3"><mark> 0 </mark> 2023 Aleksandra Obućina &nbsp;127<mark> / </mark>22
1              </p>
2          </div>
3      </footer>
4      <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-validate/1.19.3/jquery.validate.min.js"></script>
5
6      <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
7      <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
8      <script src="assets/js/main.js"></script>
9  </body>

```

### 3.1.2. autor.html



```

< autor.html > < html > < body
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5    <title>Samsung</title>
6    <meta charset="UTF-8" />
7    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
8    <link rel="stylesheet" href="assets/css/style.css">
9    <link rel="stylesheet" href="assets/responsive/responsive.css" />
10   <link href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
11     integrity="sha384-Gn5384xqQ1aowXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous" />
12   <!-- Font Awesome CSS -->
13   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css" />
14   <link rel="preconnect" href="https://fonts.googleapis.com" />
15   <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin />
16   <link
17     href="https://fonts.googleapis.com/css2?family=Dancing+Script&family=Italiano&family=Ysabeau:wght@600&display=swap"
18     rel="stylesheet" />
19   <!-- Ikonice -->
20   <script src="https://kit.fontawesome.com/d6fae711f9.js" crossorigin="anonymous"></script>
21   <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
22 </head>
23
24 <body>
25   <header>
26     <nav class="navbar navbar-expand-lg navbar-light">
27       <div class="container">
28         <a class="navbar-brand" href="#index.html">
29           S A M S U N G
30         </a>

```

```

24 <body>
25   <header>
26     <nav class="navbar navbar-expand-lg navbar-light">
27       <div class="container">
28         <a class="navbar-brand" href="#index.html">
29           S A M S U N G
30         </a>
31         <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav"
32           aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
33           <span class="navbar-toggler-icon"></span>
34         </button>
35         <div class="collapse navbar-collapse" id="navbarNav">
36           <ul class="navbar-nav ml-auto">
37             <!-- JS -->
38           </ul>
39         </div>
40       </div>
41     </nav>
42   </header>
43   <div id="au">
44     <div class="naslovna d-flex align-items-center">
45       <div class="container-fluid col-12">
46         <div class="container-fluid float-left text-light col-12 col-lg-5">
47           <div class="naslov-h2">
48             <h2>0 AUTORU</h2>
49           </div>
50         </div>
51       </div>
52     </div>
53   </div>
54 </div>

```

```

55 <div id="autor">
56   <div class="naslov-h2">
57     <h2>0 AUTORU</h2>
58   </div>
59   <div class="forma">
60     <div class="down">
61       
62     </div>
63     <div class="down bg-plava p-3 m-1 text-center rounded">
64       <div class="naslov-h2">
65         <h2>Aleksandra Obućina</h2>
66       </div>
67       <h4><i>Fakultet</i></h4>
68       <p>ICT</p>
69       <h4><i>Indeks</i></h4>
70       <p>127/22</p>
71     </div>
72   </div>
73 </div>
74 </div>
75 <footer>
76   <div class="container col-6">
77     <a
78       href="assets/dokumentacija/VISOKA ŠKOLA STRUKOVNIH STUDIJA ZA INFORMACIONE I KOMUNIKACI (1).pdf">Dokumentacija</a>
79     <a href="sitemap.xml" class="d-inline text-info m1-3 float-right">sitemap</a>
80     <p class="text-center border-top pt-3"><mark> 0 </mark> 2023 Aleksandra Obućina &nbsp;<mark> / </mark>22
81     </p>
82   </div>
83 </footer>
84 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
85 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
86 <script src="assets/is/main.js"></script>

```

### 3.2.JS

```
js > JS main.js > ...  
  
const links = [  
  { text: 'Početna', href: 'index.html' },  
  { text: 'O nama', href: '#o-nama' },  
  { text: 'Katalog', href: '#katalog' },  
  { text: 'O autoru', href: 'autor.html' },  
];  
  
// Funkcija za generisanje linkova u navigaciji  
function generateLinks() {  
  const navLinks = document.querySelector('.navbar-nav');  
  
  links.forEach(link => {  
    const li = document.createElement('li');  
    li.classList.add('nav-item');  
    const a = document.createElement('a');  
    a.classList.add('nav-link');  
    a.textContent = link.text;  
    a.href = link.href;  
    li.appendChild(a);  
    navLinks.appendChild(li);  
  });  
}  
  
generateLinks();
```

```

generateLinks();

$(document).ready(function() {
    $("#poruciForm").validate({
        rules: {
            ime: {
                required: true,
                minlength: 2
            },
            prezime: {
                required: true,
                minlength: 2
            },
            telefon: {
                required: true,
                minlength: 5,
                maxlength: 5
            },
            email: {
                required: true,
                email: true
            }
        },
        messages: {
            ime: {
                required: "Molimo unesite ime.",
                minlength: "Ime mora imati najmanje 2 slova."
            },
            prezime: {
                required: "Molimo unesite prezime.",
                minlength: "Prezime mora imati najmanje 2 slova."
            },

```

```

            telefon: {
                required: "Molimo unesite šifru proizvoda.",
                minlength: "Šifra proizvoda mora imati tačno 5 karaktera.",
                maxlength: "Šifra proizvoda mora imati tačno 5 karaktera."
            },
            email: {
                required: "Molimo unesite email adresu.",
                email: "Unesite ispravnu email adresu."
            }
        },
        submitHandler: function(form) {
            alert("Uspešno ste popunili formu!");
            form.submit();
        }
    });
});

```

```

// Poziv funkcije za generisanje sadržaja telefona
generisiSadržajTelefona();

//-----
const poruciButton = document.getElementById('poruciButton');
const modal = document.getElementById('modal');
const close = document.getElementById('close');

poruciButton.addEventListener('click', function() {
  modal.style.display = 'block';
});

close.addEventListener('click', function() {
  modal.style.display = 'none';
});

window.addEventListener('click', function(event) {
  if (event.target == modal) {
    modal.style.display = 'none';
  }
});

```

```

const poruciForm = document.getElementById('poruciForm');
poruciForm.addEventListener('submit', function(event) {
    event.preventDefault();
    const email = document.getElementById('email').value;
    const ime = document.getElementById('ime').value;
    const prezime = document.getElementById('prezime').value;

    if (validateEmail(email) && validateName(ime) && validateName(prezime)) {
        alert('Porudžba uspešna!');
        modal.style.display = 'none';
    } else {
        alert('Proverite podatke!');
    }
});

function validateEmail(email) {
    const re = /\S+@\S+\.\S+/;
    return re.test(String(email).toLowerCase());
}

function validateName(name) {
    const re = /^[a-zA-Z]{2,}$/;
    return re.test(name);
}

const noviTelefoniData = [
    { ime: 'Telefon 16', slika: 'assets/img/ultra.png', cena: '$799', sifra: 'ULT01' },
    { ime: 'Telefon 17', slika: 'assets/img/s22plus.png', cena: '$700', sifra: 'S2202' },
    { ime: 'Telefon 18', slika: 'assets/img/s22.png', cena: '$649', sifra: 'S2203' },
    { ime: 'Telefon 19', slika: 'assets/img/A54.png', cena: '$500', sifra: 'A5430' },

```

```

const noviTelefoniData = [
  { ime: 'Telefon 16', slika: 'assets/img/ultra.png', cena: '$799', sifra: 'ULT01' },
  { ime: 'Telefon 17', slika: 'assets/img/s22plus.png', cena: '$700', sifra: 'S2202' },
  { ime: 'Telefon 18', slika: 'assets/img/s22.png', cena: '$649', sifra: 'S2203' },
  { ime: 'Telefon 19', slika: 'assets/img/A54.png', cena: '$500', sifra: 'A5430' },
  { ime: 'Telefon 21', slika: 'assets/img/A53.png', cena: '$449', sifra: 'A5305' },
  { ime: 'Telefon 22', slika: 'assets/img/A34.png', cena: '$400', sifra: 'A3406' },
  { ime: 'Telefon 23', slika: 'assets/img/A33.png', cena: '$339', sifra: 'A3307' },
  { ime: 'Telefon 24', slika: 'assets/img/A32.png', cena: '$300', sifra: 'A3208' },
  { ime: 'Telefon 25', slika: 'assets/img/A22.png', cena: '$259', sifra: 'A2209' },
  { ime: 'Telefon 26', slika: 'assets/img/A20s.png', cena: '$210', sifra: 'A2010' },
  { ime: 'Telefon 27', slika: 'assets/img/A14.png', cena: '$189', sifra: 'A1411' },
  { ime: 'Telefon 28', slika: 'assets/img/A12.png', cena: '$149', sifra: 'A1212' },
];

function prikaziSlike(containerId, telefoni) {
  const container = document.getElementById(containerId);
  telefoni.forEach(telefon => {
    const divTelefon = document.createElement('div');
    divTelefon.classList.add('col-md-3', 'col-6', 'mb-4');

    const slikaTelefona = document.createElement('img');
    slikaTelefona.src = telefon.slika;
    slikaTelefona.alt = telefon.ime;
    slikaTelefona.classList.add('img-fluid');
  });
}

```

```

function prikaziSlike(containerId, telefoni) {
  const container = document.getElementById(containerId);
  telefoni.forEach(telefon => {
    const divTelefon = document.createElement('div');
    divTelefon.classList.add('col-md-3', 'col-6', 'mb-4');

    const slikaTelefona = document.createElement('img');
    slikaTelefona.src = telefon.slika;
    slikaTelefona.alt = telefon.ime;
    slikaTelefona.classList.add('img-fluid');

    const cenaTelefona = document.createElement('p');
    cenaTelefona.textContent = `Cena: ${telefon.cena}`;

    const sifraTelefona = document.createElement('p');
    sifraTelefona.textContent = `Šifra: ${telefon.sifra}`;

    divTelefon.appendChild(slikaTelefona);
    divTelefon.appendChild(cenaTelefona);
    divTelefon.appendChild(sifraTelefona);
    container.appendChild(divTelefon);
  });
}

```



```

prikaziSlike('novi-telefoni-container', noviTelefoniData);

// Funkcija za generisanje forme za kontakt sa validacijom
function generateContactForm() {
  const contactForm = document.getElementById('contact-form');

  const form = document.createElement('form');
  form.setAttribute('id', 'contactForm');

  const nameLabel = document.createElement('label');
  nameLabel.textContent = 'Ime:';
  const nameInput = document.createElement('input');
  nameInput.setAttribute('type', 'text');
  nameInput.setAttribute('name', 'name');
  nameInput.setAttribute('required', 'true');
  nameInput.setAttribute('pattern', '[a-zA-ZććžšđČĆŽŠĐ\s]{2,30}');
  nameInput.setAttribute('title', 'Unesite vaše ime (2-30 karaktera, samo slova)');

  const lastNameLabel = document.createElement('label');
  lastNameLabel.textContent = 'Prezime:';
  const lastNameInput = document.createElement('input');
  lastNameInput.setAttribute('type', 'text');
  lastNameInput.setAttribute('name', 'lastName');
  lastNameInput.setAttribute('required', 'true');

  const lastNameLabel = document.createElement('label');
  lastNameLabel.textContent = 'Prezime:';
  const lastNameInput = document.createElement('input');
  lastNameInput.setAttribute('type', 'text');
  lastNameInput.setAttribute('name', 'lastName');
  lastNameInput.setAttribute('required', 'true');
  lastNameInput.setAttribute('pattern', '[a-zA-ZććžšđČĆŽŠĐ\s]{2,30}');
  lastNameInput.setAttribute('title', 'Unesite vaše prezime (2-30 karaktera, samo slova)');

  const emailLabel = document.createElement('label');
  emailLabel.textContent = 'Email:';
  const emailInput = document.createElement('input');
  emailInput.setAttribute('type', 'email');
  emailInput.setAttribute('name', 'email');
  emailInput.setAttribute('required', 'true');

  const messageLabel = document.createElement('label');
  messageLabel.textContent = 'Poruka:';
  const messageTextarea = document.createElement('textarea');
  messageTextarea.setAttribute('name', 'message');
  messageTextarea.setAttribute('required', 'true');
  messageTextarea.setAttribute('rows', '5');

```

```

contactForm.appendChild(form);

// Postavljanje regularnih izraza za ime i prezime
nameInput.setAttribute('pattern', '[a-zA-ZčćžšđČĆŽŠĐ\\s]{2,30}');
nameInput.setAttribute('title', 'Unesite vaše ime (2-30 karaktera, samo slova)');

lastNameInput.setAttribute('pattern', '[a-zA-ZčćžšđČĆŽŠĐ\\s]{2,30}');
lastNameInput.setAttribute('title', 'Unesite vaše prezime (2-30 karaktera, samo slova)');

form.addEventListener('submit', function(event) {

    event.preventDefault();

    // Validacija unosa
    const nameValue = nameInput.value.trim();
    const lastNameValue = lastNameInput.value.trim();
    const emailValue = emailInput.value.trim();

    const nameRegex = /[a-zA-ZčćžšđČĆŽŠĐ]{2,}/;
    const lastNameRegex = /[a-zA-ZčćžšđČĆŽŠĐ]{2,}/;
    const emailRegex = /^[^\\s@]+@[^\\s@]+\\.\\.[^\\s@]+$/;

    if (!nameRegex.test(nameValue)) {
        alert("Ime nije ispravno uneto. Ime mora imati najmanje dva slova.");
        return;
    }

    if (!lastNameRegex.test(lastNameValue)) {
        alert("Prezime nije ispravno uneto. Prezime mora imati najmanje dva slova.");
        return;
    }

```

```

        if (!emailRegex.test(emailValue)) {
            alert("E-mail adresa nije ispravno uneta.");
            return;
        }

        alert("Uspesno ste poslali poruku.");
    });

}

generateContactForm();

```

### 3.3.CSS

```

*{
  margin: 0px;
  padding: 0px;
  scroll-behavior: smooth;
  font-size: 1.03em;
  -webkit-transition: 0.4s;
  transition: 0.4s;
}
body{
  background-color: #ffffff !important;
}
button{
  border: none;
}
button i{
  font-size: 25px;
}
ul {
  list-style: none;
  padding: 0;
  margin: 0;
}
@font-face {
  font-family: font;
  src: url('../font/Ysabeau-Regular.ttf');
}

```

```

p{
  font-size: 20px;
}
a{
  color: □ #000000 !important;
}
.padding{
  padding: 0px 20px 0px 20px;
}
.navbar {
  background-color: ■ #f8f9fa;
  border: none;
}
.navbar-brand {
  font-size: 24px;
  font-weight: bold;
  color: □ #000000;
}
.navbar-nav {
  margin-left: auto;
}

.navbar-nav .nav-item {
  margin-left: 15px;
}

```

```

.navbar-nav .nav-link {
  color: #000000;
  font-weight: bold;
  position: relative;
}
.navbar-nav .nav-link::before {
  content: '';
  position: absolute;
  bottom: -2px;
  left: 0;
  width: 100%;
  height: 1px;
  background-color: transparent;
  transition: background-color 0.3s ease;
}
.navbar-nav .nav-link:hover::before {
  background-color: #17a2b8;
}
.navbar-toggler-icon {
  background-color: #333;
  width: 30px;
  height: 3px;
  display: block;
  transition: background-color 0.3s ease;
}

```

```

.navbar-toggler[aria-expanded="true"] .navbar-toggler-icon {
  background-color: transparent;
}

.navbar-toggler[aria-expanded="true"] .navbar-toggler-icon::before {
  transform: translateY(8px) rotate(45deg);
}

.navbar-toggler[aria-expanded="true"] .navbar-toggler-icon::after {
  transform: translateY(-8px) rotate(-45deg);
}

.p-50-0{
  padding: 50px 0px;
}

.naslovna {
  background-image: url(../img/slika2.jpg);
  height: 550px;
  padding: 150px 0px 150px 150px;
  background-size: cover;
  background-repeat: no-repeat;
  background-position: center;
  background-attachment: fixed;
}

```

```

.naslovna1 {
  background-image: url('../img/slika2.jpg');
  background-size: cover;
  background-repeat: no-repeat;
  background-position: center;
  background-attachment: fixed;
}
.naslov-h2, h1, h3, h4{
  display: flex;
  margin: 20px;
  flex-direction: column;
  align-items: center;
  font-family: font;
  font-size: 40px;
  text-align: center;
}
.ikonica{
  font-size: 30px;
}
.container{

  border-radius: 15px;
  height: auto;
  padding: 0px !important;
}

```



```

}
.form-group{
  margin-bottom: 5px !important;
}
.close {
  float: right;
  cursor: pointer;
}

.close:hover {
  color:  #17a2b8;
}
#df{
  display: flex;
  justify-content: center ;
}
#novi-telefoni-container {
  display: flex !important;
  flex-wrap: wrap;
  justify-content: space-between !important;
  align-items: center;
}

```

```

#novi-telefoni-container {
  margin: 5px;
  padding: 10px;
  text-align: center;
  display: flex;
  align-items: center;
  position: relative;
}

#novi-telefoni-container img {
  width: auto !important;
  height: 250px !important;
  transition: transform 0.3s ease;
}

#novi-telefoni-container .telefon p {
  margin-top: 10px;
  font-size: 20px;
}

#novi-telefoni-container .n-t img{
  transition: transform 0.3s ease-in-out;
}

.n-t img:hover{
  transform: scale(1.05);
}

```

```

✓ .img-fluid{
  height: 250px !important;
}
✓ #o-nama img{
  width: auto;
  height: 400px !important;
}
✓ h2::after {
  content: "";
  height: 2px;
  width: 30%;
  background-color: #17a2b8;
  display: block;
  margin: 10px auto;
}
✓ #o-nama img{
  width: 100%;
}
✓ #naj .container{
  background-color: #d9e1f0;
  width: 65%;
}
✓ #o-nama .d{
  background-color: #c3cde0;
}

```

```

#contactForm{
  display: flex;
  flex-direction: column;
  width: 100%;
  margin: 20px;
  background-color: #d9e1f0;
  padding: 10px;
  border-radius: 8px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.3);
}
.forma{
  display: flex !important;
  margin-top: 30px;
  flex-direction: row !important;
  flex-wrap: wrap;
  justify-content: space-evenly;
}
.down{
  display: flex;
  flex-direction: column;
  justify-content: center;
  align-items: center;
  width: 400px;
}

```

```

input{
  border: none;
  background-color: transparent;
  border-bottom: 2px solid #17a2b8;
  color: #000000;
}

.down a {
  width: 100%;
  margin-top: 15px;
  padding: 8px 30px;
  background-color: #d9e1f0;
  border-radius: 10px;
  text-align: center;
  color: #000000;
}

.down i{
  margin-right: 10px;
  font-size: 20px;
  font-weight: bold;
}

.bg-plava{
  background-color: #d9e1f0;;
}

```

```
.down a {
  width: 100%;
  margin-top: 15px;
  padding: 8px 30px;
  background-color: #d9e1f0;
  border-radius: 10px;
  text-align: center;
  color: #000000;
}
.down i{
  margin-right: 10px;
  font-size: 20px;
  font-weight: bold;
}
.bg-plava{
  background-color: #d9e1f0;;
}
#autor img{
  width: 350px;
  height: auto;
}
```