

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

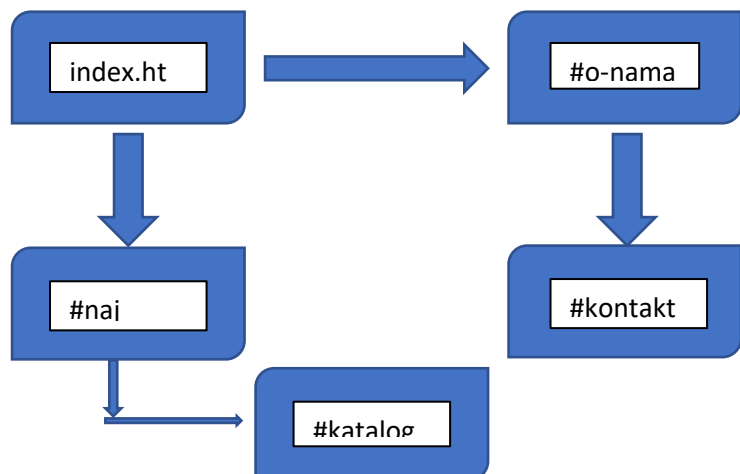
- Dinamičko ispisivanje navigacionog menija
- Otvaranje eskpandirajućeg menija na manjim rezolucijama klikom na 'hamburger' ikonicu
- Dinamičko ispisivanje proizvoda, odnosno slika
- Dinamičko ispisavanje forme za kontakt
- Dinamičko ispisivanje validacije za formu
- Provera unetih podataka u formu prilikom 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



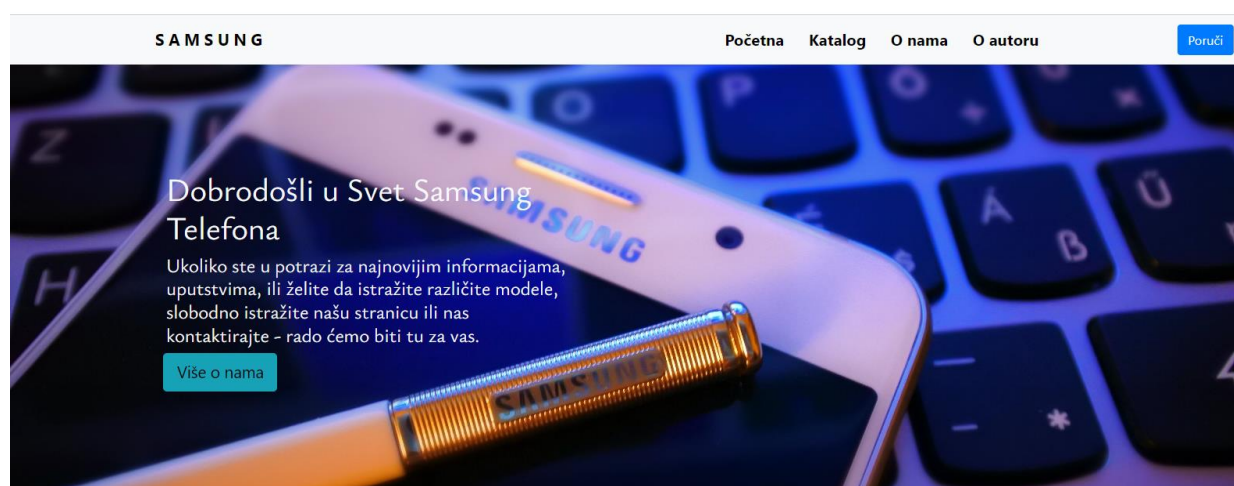
2.2 Mapa sajta

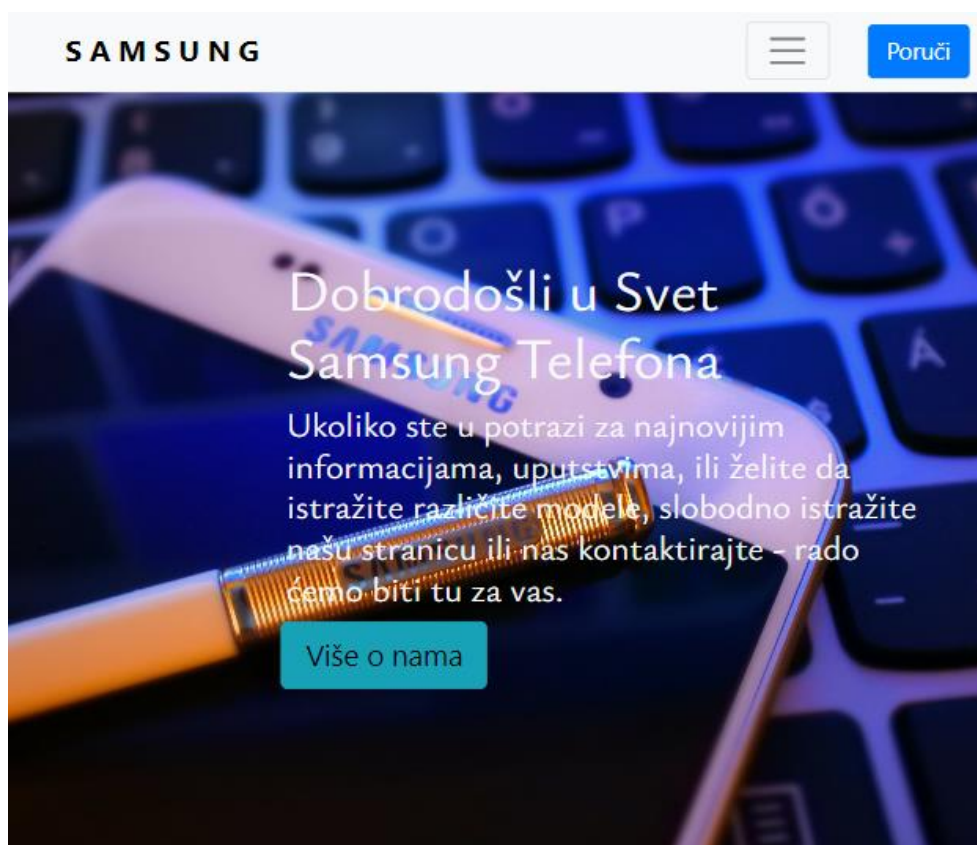
```
sitemap.xml
1 <urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
2   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3   xsi:schemaLocation="http://www.sitemaps.org/schemas/sitemap/0.9 http://www.sitemaps.org/schemas/sitemap/0.9/sitemap.xsd">
4   <url>
5     <loc>https://aleksandraobucina.github.io/test/</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

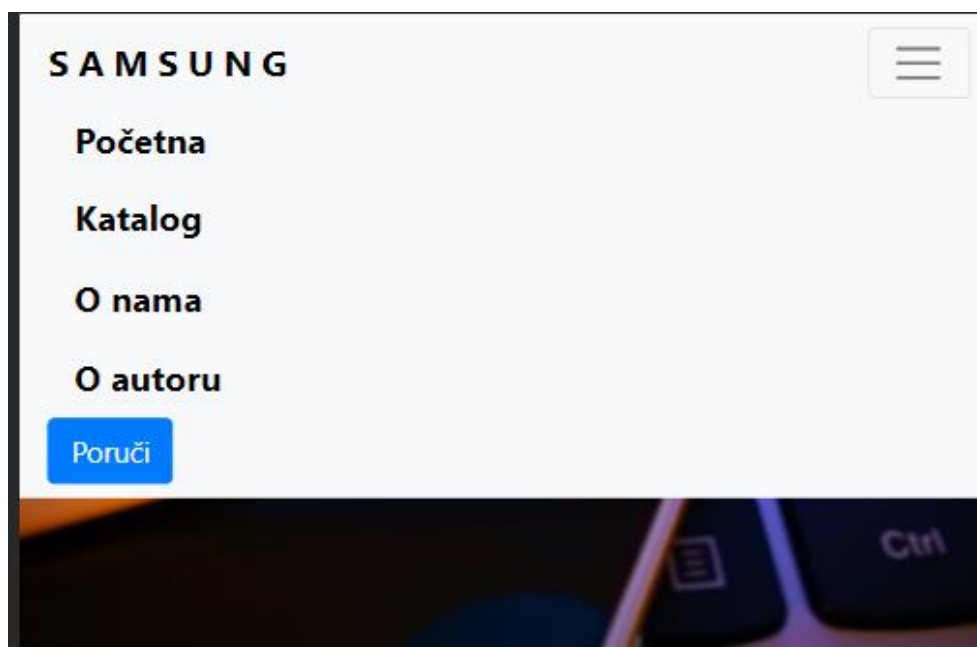
2.3.1. Početna (index.html)

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 proveravaja 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: (Email address)
- Koji telefon porucujete: (Which phone are you ordering?)
Napišite šifru proizvoda (Enter the product code)
- Datum dostave: (Delivery date)
mm/dd/yyyy
- Adresa dostave: (Delivery address)
Adresa i mesto (Address and location)

A green "Poruci" (Order) button is located at the bottom of the form. The background shows a blurred image of a laptop keyboard and the Samsung logo.

Ukoliko podaci nisu ispravno uneseni:

The screenshot shows the same "Poruci proizvod" form, but with validation errors displayed 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)

The "Poruci" button is still visible at the bottom. The background shows a blurred image of a laptop keyboard and the Samsung logo.

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 '@'.

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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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 </div>
183

```

```

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."
            }
        }
    });
});

```

```

    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."
    }
  },
  errorPlacement: function(error, element) {
    error.insertAfter(element);
  },
  submitHandler: function(form) {
    const successMessage = document.createElement('div');
    successMessage.textContent = 'Uspešno ste popunili formu!';
    successMessage.style.color = 'green';
    form.appendChild(successMessage);
    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');
const messagePlaceholder = document.getElementById('messagePlaceholder');

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)) {
    messagePlaceholder.textContent = 'Porudžba uspešna!';
    modal.style.display = 'none';
  } else {
    messagePlaceholder.textContent = '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 = [

```

```

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);

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

// Funkcija za prikazivanje poruke ispod polja forme
function displayErrorMessage(element, message) {
  const errorMessage = document.createElement('div');
  errorMessage.classList.add('error-message');
  errorMessage.textContent = message;
  contactForm.insertBefore(errorMessage, element.nextSibling);
}

// Funkcija za uklanjanje poruke ispod polja forme
function removeErrorMessage(element) {
  const errorMessages = contactForm.getElementsByClassName('error-message');
  for (let i = 0; i < errorMessages.length; i++) {
    if (errorMessages[i].nextSibling === element.nextSibling) {
      contactForm.removeChild(errorMessages[i]);
      break;
    }
  }
}

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

```

```

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

if (!nameRegex.test(nameValue)) {
  displayErrorMessage(nameInput, "Ime nije ispravno uneto. Ime mora imati najmanje dva slova.");
  return;
} else {
  removeErrorMessage(nameInput);
}

if (!lastNameRegex.test(lastNameValue)) {
  displayErrorMessage(lastNameInput, "Prezime nije ispravno uneto. Prezime mora imati najmanje dva slova.");
  return;
} else {
  removeErrorMessage(lastNameInput);
}

if (!emailRegex.test(emailValue)) {
  displayErrorMessage(emailInput, "E-mail adresa nije ispravno uneta.");
  return;
} else {
  removeErrorMessage(emailInput);
}

const successMessage = document.createElement('div');
successMessage.classList.add('success-message');
successMessage.textContent = 'Uspešno ste poslali poruku.';
contactForm.insertBefore(successMessage, form.nextSibling);

```

```

});
contactForm.appendChild(form);
}
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;
}
```