

ATTUS – ODSEK VISOKA ŠKOLA ZA INFORMACIONE I KOMUNIKACIONE
TEHNOLOGIJE

DOKUMENTACIJA SAJTA

WEB PROGRAMIRANJE 1

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1. UVOD

1.1 Programski jezici

Za izradu sajta korišćeni su:

1. HTML
2. CSS
3. JavaScript
4. jQuery

-Sajt je rađen u programu Visual Studio Code.

1.2 Opis funkcionalnosti

1. Dinamičko učitavanje header-a sa menijem na svim stranicama
2. Slideri gde se mogu listati slike pomoću dugmeta za sledeću ili prethodnu sliku u nizu
3. Custom tasteri koji menjaju boju hover-om i klikom vode do određenih delova unutar stranice
4. Validacija forme pomoću regularnih izraza
5. Recenzije korisnika sa iskačućim tekstom klikom na dugme ispod slike
6. Galerija sa slikama koje „iskaču“ u novi prozor klikom, sa tasterima koje daju mogućnost filtriranja slika po kategorijama.
7. Podaci o autoru sa tasterima „Read more“ i „Read less“ za pojavljivanje i sklanjanje dodatnog teksta
8. Taster koji klikom vodi na vrh web stranice

1.3 Dizajn sajta

Za kreiranje sajta nije korišćen templejt.

2. Organizacija

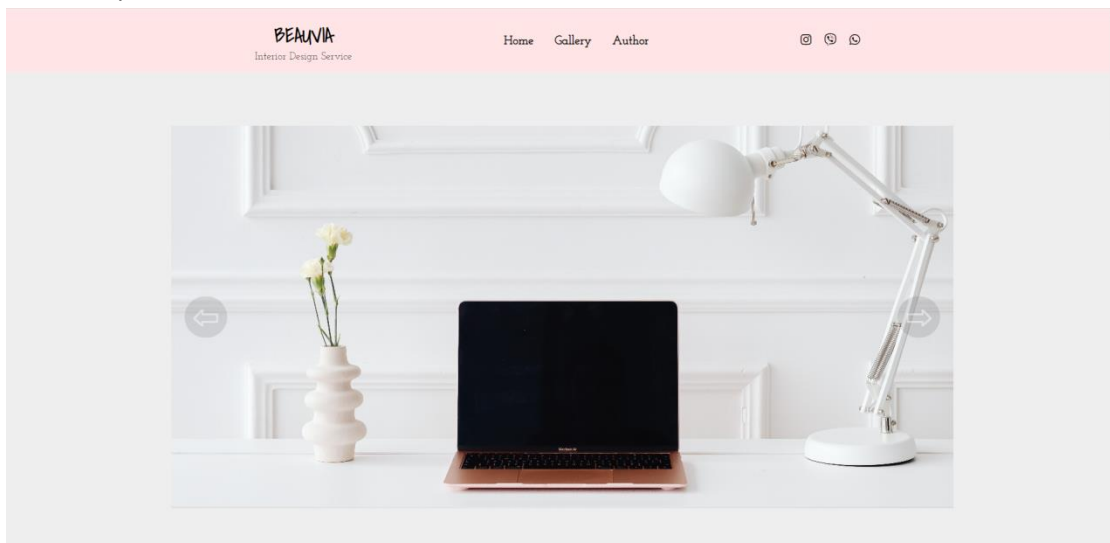
2.1 Organizacija sajta sa funkcionalnostima

Sajt se sastoji iz 3 stanice, index, gallery i author.html stranice. Home (index) stranica je podeljena u više sekcija. Na svakoj stranici se može pristupiti svim ostalim stranicama pomoću navigacionog menija u header-u, klikom na naziv željene stranice.

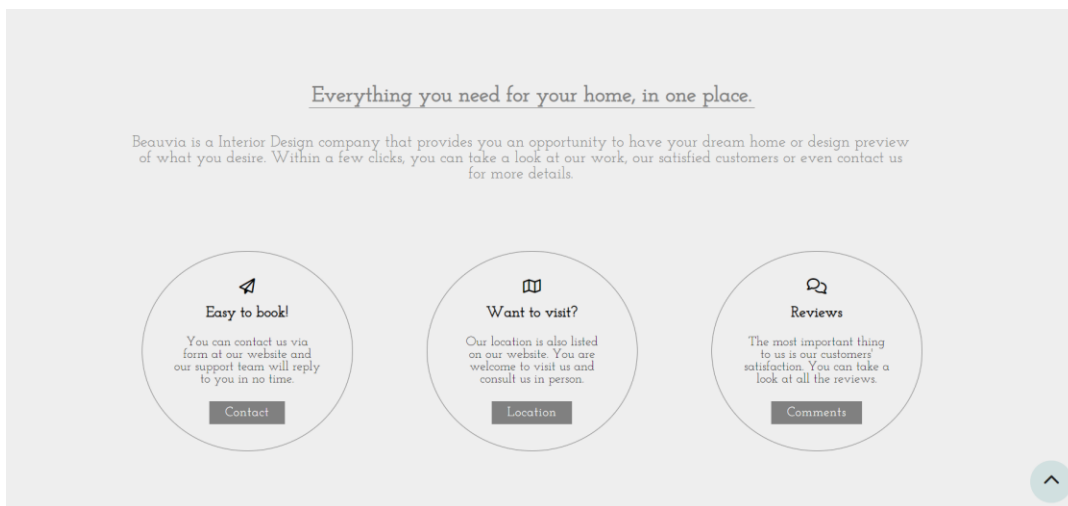
Index stranica:

Na index stranici se nalazi header sa navigacionim menijem koji se dinamički ispisuje- Home, Gallery i Author su click-able i vode do istoimenih stranica sajta. Sa desne strane stoje ikonice društvenih mreža koje klikom dovode do url-a navedenih mreža.


Ispod header-a se nalazi slider Carousel sa 3 cover slike koje se mogu listati pomoću tastera-za sledeću i prethodnu sliku u nizu.



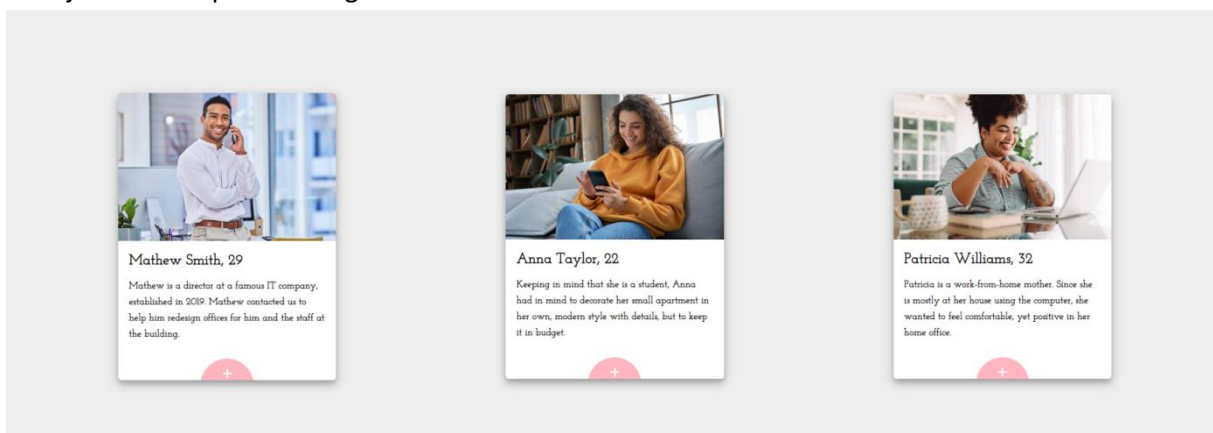
Ispod se nalazi naslov sa kratkim opisom koji govori čime se firma Beauvia bavi. Ispod se nalaze tri bloka sa kratkim informacijama, koji hover-om dobijaju senku. Unutar blokova su tasteri, koji su uređeni u JavaScriptu tako da menjaju svoju boju hoverom na njih (jQuery). Taster Contact vodi do forme, Location do mape, odnosno adrese firme, a Comments do reviewov-a nekih od zadovoljnih korisnika.



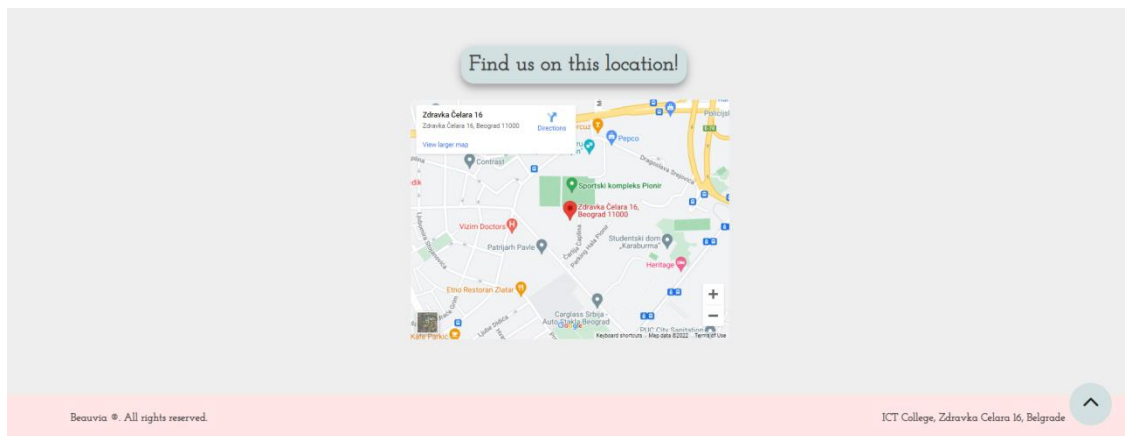
Na sajtu se nalazi i forma, Contact Us, sa 2 textbox-a za puno ime i e-mail, radio buttonima, dropdown menijem, text area za opcionu, željenu poruku, kao i submit dugme, kojim se proverava unos podataka. Odrađena je validacija forme pomoću regularnih izraza, gde ime mora imati dve reči sa početnim velikim slovima (najmanje 3 karaktera). E-mail mora sadržati simbol @, kao i validan nastavak za mejlove (gmail.com, yahoo.com). Preko validacije urađeno je i da jedan od ponuđenih radio button-a mora biti čekiran. Ukoliko forma nije dobro popunjena, klikom na taster Submit, ispod svakog dela forma se ispisuje šta nije dobro popunjeno.

A screenshot of a 'Contact Us' form. The form is titled 'Contact Us!' and is set against a light pink background. It contains the following fields: 'Enter your full name.*' (text input), 'Enter your e-mail adress.*' (text input), 'Choose your desired consultation.*' (radio buttons for 'Online consultation' and 'Consultation in person'), 'Choose your wished service' (dropdown menu with 'Furnishing home' selected), and 'Enter your message here.' (text area). A 'Submit' button is at the bottom. A small upward arrow icon is visible in the bottom right corner of the form area.

Ispod forme dodata su 3 bloka, takozvani „review-ovi“. Pomoću Java Scripta i jQuery-ja, klikom na dugme +, izlazi kratak review osobe sa slike. Ponovnim klikom na dugme + se dodatni sadržaj sklanja i vraća se prvobitni izgled bloka.



Na samom kraju stranice, nalazi se naslov sa umetnutom mapom adrese kompanije. Ispod pomenute mape se nalazi footer.

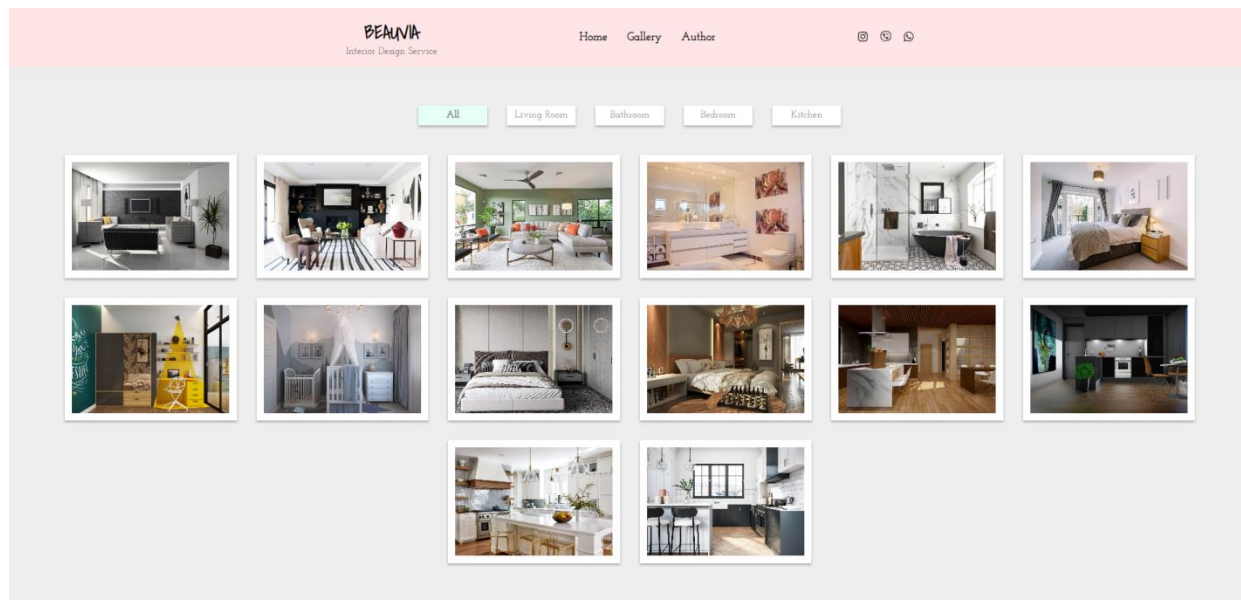


Sa donje desne strane browsera, nakon skrolovanja stranice se pojavljuje svetlo-plavi taster, gde Vas klikom na njega kod vraća na sam vrh web stranice, pomoću JavaScripta.

Gallery stranica:

Pored ranije pomenutog header-a i footer-a, na stranici se nalazi galerija slika. Koristeći JavaScript i jQuery, klikom na svaku sliku se pomoću jQuery plug-ina slika uvećava i moguće je listanje na sledeće ili prethodne slike, kao i X dugme za izlazak iz uvećanog prikaza.

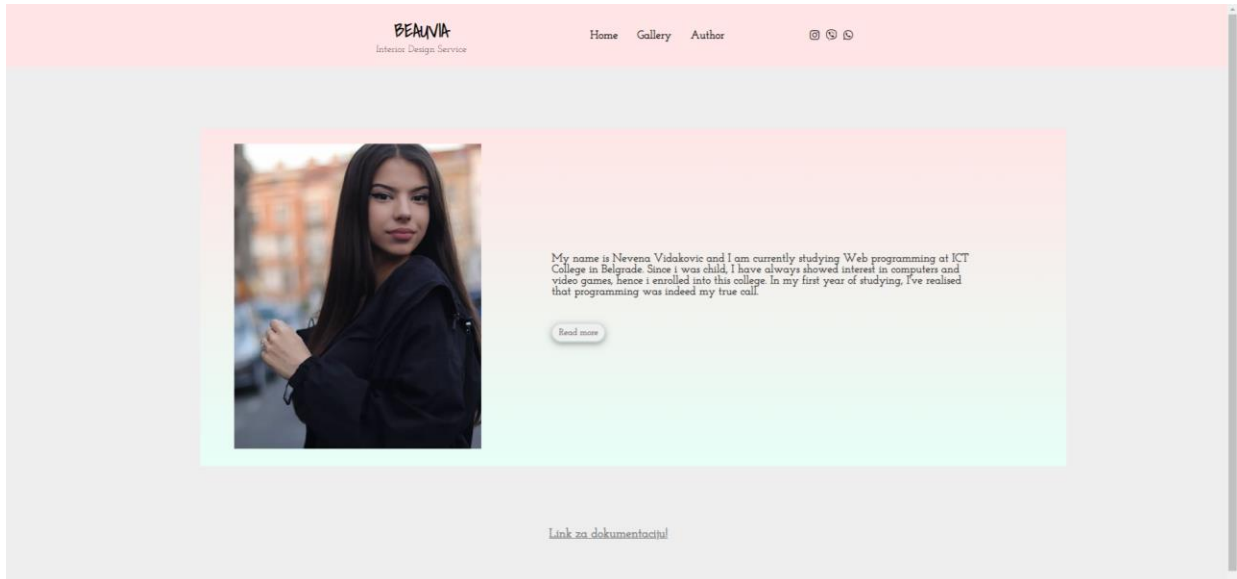
Iznad slika se nalazi meni sa različitim tipom slika, gde se u zavisnosti od izabrane kategorije filtriraju slike i izbacuju samo one koje su u sklopu kliknute kategorije.



Autor stranica:

Pored ponovnog header-a i footer-a se nalazi blok sa slikom autora i opisom sa njegove desne strane. Ispod kratkog opisa se nalazi dugme Read more, čijim se klikom pojavljuje skriveni dodatni

tekst. Nakon prikazivanja teksta, pojavljuje se dugme Read less za ponovno nestajanje dodatnog teksta. Iznad footer-a nalazi se link za dokumentaciju.



Na kraju svake web stranice nalazi se footer sa imenom firme, odnosno sajta, kao i adresom naše škole.

2.2 Mapa sajta i spider

```
site.xml
1 <urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
2 <url>
3 <loc>https://nevena26.github.io/Beauvia/index.html</loc>
4 <lastmod>2022-12-14</lastmod>
5 <changefreq>weekly</changefreq>
6 <priority>1</priority>
7 </url>
8 </urlset>
```

Instrukcije za spider-e u *robots.txt* dokumentu:

User-agent: *

Disallow: /admin/

Disallow: /private/

3. Kodovi (html,css,js)

3.1 HTML

Index.html

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8" />
5      <script type="text/javascript" src="assets/main.js" defer></script>
6      <link rel="stylesheet" href="assets/style.css" />
7      <meta http-equiv="X-UA-Compatible" content="IE=edge" />
8      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
9      <meta name="keywords" content="interior design, furniture, home, service" />
10     <link rel="icon" type="image/x-icon" href="images/icon.png" />
11     <link rel="stylesheet" href="assets/css/bootstrap.min.css" />
12     <script
13         src="https://kit.fontawesome.com/38af01aea7.js"
14         crossorigin="anonymous"></script>
15     <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.1/jquery.min.js"></script>
16     <link
17         rel="stylesheet"
18         href="https://fonts.googleapis.com/css?family=Shadows+Into+Light" />
19     <link
20         rel="stylesheet"
21         href="https://fonts.googleapis.com/css?family=Josefin+Slab" />
22     <title>Beauvia</title>
23 </head>
24 <body>
25     <div id="header">
26         <div id="company">
27             <h2>BEAUVIA</h2>
28             <p>Interior Design Service</p>
29         </div>
30         <div id="menu"></div>
31         <div id="menu2">
32             <ul class="social">
33                 <li>
34                     <a href="https://www.instagram.com/" target="_blank">
35                         <i class="fa-brands fa-instagram"></i>
36                     </a>
37                 </li>
38                 <li>
39                     <a href="https://www.viber.com/" target="_blank">
40                         <i class="fa-brands fa-viber"></i>
41                     </a>
42                 </li>
43                 <li>
44                     <a href="https://www.whatsapp.com/" target="_blank">
45                         <i class="fa-brands fa-whatsapp"></i>
46                     </a>
47                 </li>
48             </ul>
49         </div>
50     </div>
```



```

<section aria-label="Photos">
  <div class="carousel" data-carousel>
    <button class="carousel-button prev" data-carousel-button="prev">
      &#8678;
    </button>
    <button class="carousel-button next" data-carousel-button="next">
      &#8680;
    </button>
    <ul data-slides>
      <li class="slide" data-active>
        
      </li>
      <li class="slide">
        
      </li>
      <li class="slide">
        
      </li>
    </ul>
  </div>
</section>
<div id="cistac"></div>
<div id="aboutUs">
  <h1>Everything you need for your home, in one place.</h1>
  <p>
    Beauvia is a Interior Design company that provides you an opportunity to
    have your dream home or design preview of what you desire. Within a few
    clicks, you can take a look at our work, our satisfied customers or even
    contact us for more details.
  </p>
</div>
<div id="block2">
  <div class="info">
    <i class="fa-regular fa-paper-plane"></i>
    <br />
    <h3>Easy to book!</h3>
    <p>
      You can contact us via form at our website and our support team will
      reply to you in no time.
    </p>
    <a href="#formular" class="btn1"><span> Contact </span></a>
  </div>
  <div class="info">
    <i class="fa-regular fa-map"></i>
    <br />
    <h3>Want to visit?</h3>
    <p>
      Our location is also listed on our website. You are welcome to visit

```

```

    </p>
    <a href="#mapa" class="btn1"><span> Location</span></a>
  </div>
  <div class="info">
    <i class="fa-regular fa-comments"></i>
    <br />
    <h3>Reviews</h3>
    <p>
      The most important thing to us is our customers' satisfaction. You can
      take a look at all the reviews.
    </p>
    <a href="#kartice" class="btn1"><span>Comments</span></a>
  </div>
</div>

<!-- TEXTBOX-->
<div id="formular">
  <form id="form" action="#" onsubmit=" return checkBlank()">
    <h4>Contact Us!</h4>
    <div class="inputBox1">
      <input
        type="text"
        name="textbox1"
        id="fullName"
        placeholder="Enter your full name. *"
        onkeydown="validation1()" />
      <span id="text1"></span>
    </div>
    <div class="inputBox2">
      <input
        type="text"
        name="textbox2"
        id="email"
        placeholder="Enter your e-mail adress. *"
        onkeydown="validation2()" />
      <span id="text2"></span>
    </div>

    <!-- RADIO BUTTONS-->
    <div id="radios">
      <p>Choose your desired consultation.*</p>
      <div class="radio-container">
        <div id="radBtn1">
          <input type="radio" name="radiobutton" id="radio1" />
          <label for="radio1"> Online consultation</label>
        </div>
        <div id="radBtn2">
          <input type="radio" name="radiobutton" id="radio2" />
          <label for="radio2"> Consultation in person </label>
        </div>
      </div>
    </div>
  </form>
</div>

```

```

        <label for="radio2"> Consultation in person </label>
        <span id="text3"></span>
    </div>
</div>
</div>

<!-- DROPDOWN USLUGE -->
<div id="dropdown">
    <label for="services">Choose your wished service:</label>
    <div id="cistac"></div>
    <select name="services" id="services">
        <option value="volvo">Furnishing home</option>
        <option value="saab">3D Visual</option>
        <option value="opel">Exterior projecting</option>
    </select>
</div>

<!-- TEXTBOX MESSAGE -->
<div id="cistac"></div>
<div id="messages">
    <p>Enter your message here.</p>
    <textarea
        rows="4"
        cols="50"
        id="inputBox3"
        name="message"
        form="form">
    </textarea>
</div>
<input type="submit" id="submitBtn" />
</form>
</div>

<!-- REVIEW -->
<div id="kartice">
    <div class="wrapper">
        <div class="cards">
            <div class="card">
                <div class="img">
                    
                </div>
                <div class="text">
                    <h2>Mathew Smith, 29</h2>
                    <p>
                        Mathew is a director at a famous IT company, established in
                        2019. Mathew contacted us to help him redesign offices for him
                        and the staff at the building.
                    </p>
                    <div class="more-btn">

```

```

    <i class="fa-solid fa-plus"></i>
  </div>
</div>
<div class="more-text">
  <h2>Mathew Smith</h2>
  <p>
    Mathew wanted us to make the office look even more spacious. The
    main room contains a lot of desks for the staff, but he wanted
    the minimalistic design with some colors to liven up the
    workspace. <br />
  </p>
  <p>
    "When I saw the final design, I was in shock! It was everything
    I looked for and even beyond it. My original idea, but mixed
    with small details that really made the offices look
    professional, yet colorful. "
  </p>
</div>
</div>
<div class="card">
  <div class="img">
    
  </div>
  <div class="text">
    <h2>Anna Taylor, 22</h2>
    <p>
      Keeping in mind that she is a student, Anna had in mind to
      decorate her small apartment in her own, modern style with
      details, but to keep it in budget.
    </p>
    <div class="more-btn">
      <i class="fa-solid fa-plus"></i>
    </div>
  </div>
  <div class="more-text">
    <h2>Anna Taylor</h2>
    <p>
      The well organization of the rooms was our main focus. It was
      important to place everything that was needed, but still
      maintain the spaciousness of this small flat.
    </p>
    <p>
      "I couldn't believe this was my home. Beauvia did an amazing job
      organizing my apartment. Even with a small budget and space to
      work with, they made incredible results."
    </p>
  </div>
</div>
</div>
<div class="card">

```

```

<div class="img">
  
</div>
<div class="text">
  <h2>Patricia Williams, 32</h2>
  <p>
    Patricia is a work-from-home mother. Since she is mostly at her
    house using the computer, she wanted to feel comfortable, yet
    positive in her home office.
  </p>
  <div class="more-btn">
    <i class="fa-solid fa-plus"></i>
  </div>
</div>
<div class="more-text">
  <h2>Patricia Williams</h2>
  <p>
    Spending whole day working can be challenging for your
    productivity. We made sure to bring life in this room and keep
    it warm and cozy.
  </p>
  <p>
    "Working at a place like this makes me even more hardworking and
    focused than before. I was surprised by the design and
    liveliness my office now has. I never knew it could look this
    good!"
  </p>
</div>
</div>
</div>
<div id="mapa">
  <h3>Find us on this location!</h3>
  <iframe
    src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d2830.3335125266103!2d20.4846909!3d44.8
    width="600"
    height="450"
    style="border: 0"
    allowfullscreen=""
    loading="lazy"
    referrerpolicy="no-referrer-when-downgrade"></iframe>
</div>
<a href="#" class="to-top">
  <i class="fas fa-chevron-up"></i>
</a>
<div id="footer">
  <div id="copyright">
    <p>Beauvia &#174;. All rights reserved.</p>
  </div>
  <div id="adresa">
    <p>ICT College, Zdravka Celara 16, Belgrade</p>
  </div>
</div>
</body>
</html>

```

```

    loading="lazy"
    referrerpolicy="no-referrer-when-downgrade"></iframe>
</div>
<a href="#" class="to-top">
  <i class="fas fa-chevron-up"></i>
</a>
<div id="footer">
  <div id="copyright">
    <p>Beauvia &#174;. All rights reserved.</p>
  </div>
  <div id="adresa">
    <p>ICT College, Zdravka Celara 16, Belgrade</p>
  </div>
</div>
</body>
</html>

```

Gallery.html

```
<div id="cistac"></div>
<div class="gallery">
  <ul class="controls">
    <li class="buttons active" data-filter="all">all</li>
    <li class="buttons" data-filter="livingroom">living room</li>
    <li class="buttons" data-filter="bathroom">bathroom</li>
    <li class="buttons" data-filter="bedroom">bedroom</li>

    <li class="buttons" data-filter="kitchen">kitchen</li>
  </ul>

  <div class="image-container">
    <a href="images/livingroom1.jpg" class="image livingroom">
      
    </a>
    <a href="images/livingroom2.jpg" class="image livingroom">
      
    </a>
    <a href="images/livingroom3.jpg" class="image livingroom">
      
    </a>

    <a href="images/bathroom1.jpg" class="image bathroom">
      
    </a>
    <a href="images/bathroom2.jpg" class="image bathroom">
      
    </a>

    <a href="images/bedroom1.jpg" class="image bedroom">
      
    </a>
    <a href="images/bedroom2.jpg" class="image bedroom">
      
    </a>
    <a href="images/bedroom3.jpg" class="image bedroom">
      
    </a>
    <a href="images/bedroom4.jpg" class="image bedroom">
      
    </a>
    <a href="images/bedroom5.jpg" class="image bedroom">
      
    </a>

    <a href="images/kitchen1.jpg" class="image kitchen">
      
    </a>

    <a href="images/bedroom3.jpg" class="image bedroom">
      
    </a>
    <a href="images/bedroom4.jpg" class="image bedroom">
      
    </a>
    <a href="images/bedroom5.jpg" class="image bedroom">
      
    </a>

    <a href="images/kitchen1.jpg" class="image kitchen">
      
    </a>
    <a href="images/kitchen2.jpg" class="image kitchen">
      
    </a>
    <a href="images/kitchen3.jpg" class="image kitchen">
      
    </a>
    <a href="images/kitchen4.jpg" class="image kitchen">
      
    </a>
  </div>
</div>
<div id="footer">
  <div id="copyright">
    <p>Beauvia &#174;. All rights reserved.</p>
  </div>
  <div id="adresa">
    <p>ICT College, Zdravka Celara 16, Belgrade</p>
  </div>
</div>

<!-- jquery cdn link -->
<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<!-- magnific popup js cdn link -->
<script src="https://cdnjs.cloudflare.com/ajax/libs/magnific-popup.js/1.1.0/jquery.magnific-popup.min.js"></script>
```

Autor.html

```
<div id="cistac"></div>
<div id="autor">
  <div id="authorImage">
    
  </div>
  <div class="readMore">
    <p>
      My name is Nevena Vidakovic and I am currently studying Web
      programming at ICT College in Belgrade. Since i was child, I have
      always showed interest in computers and video games, hence i enrolled
      into this college. In my first year of studying, I've realised that
      programming was indeed my true call.
      <span id="dots"> </span>
    </p>

    <div id="more">
      <br />
      <p>
        I still have a lot to learn when it comes to web programming, but I
        am positive I will master in this field someday, slow and steady. I
        am more than satisfied with studying program and professors at ICT,
        and I hope one day that web programming can be my life career.
      </p>
    </div>
    <button onclick="readmore()" id="read-btn">Read more</button>
  </div>
</div>
<div id="footer">
  <div id="copyright">
    <p>Beauvia &#174;. All rights reserved.</p>
  </div>
  <div id="adresa">
    <p>ICT College, Zdravka Celara 16, Belgrade</p>
  </div>
</div>
</body>
</html>
```

3.2 CSS

```
1  √ * {
2    margin: 0px;
3    padding: 0px;
4    box-sizing: border-box;
5    outline: none;
6    scroll-behavior: smooth;
7  }
8
9  √ body {
10   overflow-x: hidden;
11   background-color: #eee;
12 }
13
14 √ #cistac {
15   clear: both;
16 }
17
18 √ #header {
19   background-color: #ffe6e6;
20   color: black;
21   height: auto;
22   width: 100%;
23   text-align: center;
24   display: flex;
25   padding-top: 20px;
26   padding-bottom: 20px;
27   gap: 20px;
28   align-items: center;
29   justify-content: center;
30 }
31
32 √ #header h2 {
33   font-family: "Shadows Into Light";
34   font-size: 38px;
35 }
36
37 √ #header p {
38   font-family: "Josefin Slab";
39   font-size: 20px;
40 }
41
42 √ #menu ul {
43   display: flex;
44   gap: 40px;
45 }
46
47 √ #menu2 ul {
48   display: flex;
```



```

  #menu2 ul {
    display: flex;
    gap: 25px;
  }

  #menu ul li {
    list-style-type: none;
    font-family: "Josefin Slab";
    font-weight: bold;
    font-size: 23px;
  }

  #menu2 ul li {
    list-style-type: none;
    font-family: "Josefin Slab";
    font-size: 23px;
  }

  #menu2 a {
    text-decoration: none;
    color: black;
  }

  #menu a {
    text-decoration: none;
    color: black;
  }

  #menu a:hover {
    font-size: 29px;
    -webkit-transition: all 1s ease;
    transition: 1s ease;
  }

  #cover img {
    width: 100%;
  }

  *,
  *::before,
  *::after {
    box-sizing: border-box;
  }

  .carousel {
    width: 100vw;
    height: 100vh;
    position: relative;
  }

```

```
94     position: relative;
95     margin-top: -55px;
96 }
97
98 .carousel > ul {
99     margin: 0;
100    padding: 0;
101    list-style: none;
102 }
103
104 .slide {
105     margin-top: 0px;
106     position: absolute;
107     inset: 0;
108     opacity: 0;
109     transition: 200ms opacity ease-in-out;
110     transition-delay: 200ms;
111     display: flex;
112     justify-content: center;
113     align-items: center;
114 }
115
116 .slide > img {
117     display: block;
118     width: 70%;
119     height: 70%;
120     object-fit: cover;
121     object-position: center;
122 }
123
124 .slide[data-active] {
125     opacity: 1;
126     z-index: 1;
127     transition-delay: 0ms;
128 }
129
130 .carousel-button {
131     margin-left: 330px;
132     margin-right: 330px;
133     position: absolute;
134     z-index: 2;
135     background: none;
136     border: none;
137     font-size: 4rem;
138     top: 50%;
139     transform: translateY(-50%);
140     color: rgba(255, 255, 255, 0.5);
141     cursor: pointer;
142     border-radius: 50px;
```

```
143 padding: 0 0.8rem;
144 background-color: rgba(0, 0, 0, 0.1);
145 }
146
147 .carousel-button:hover,
148 .carousel-button:focus {
149 color: white;
150 background-color: rgba(0, 0, 0, 0.2);
151 }
152
153 .carousel-button.prev {
154 left: 1rem;
155 }
156
157 .carousel-button.next {
158 right: 1rem;
159 }
160
161 #aboutUs h1 {
162 color: grey;
163 font-family: "Josefin Slab";
164
165 font-size: 40px;
166 border-bottom: 1px solid grey;
167 padding-bottom: 2px;
168 width: 40%;
169 text-align: center;
170 margin-left: 30%;
171 }
172
173 #aboutUs p {
174 color: grey;
175 font-family: "Josefin Slab";
176 margin-top: 50px;
177 font-size: 30px;
178 width: 70%;
179 text-align: center;
180 margin-left: 14%;
181 }
182
183 #block2 {
184 display: flex;
185 justify-content: center;
186 align-items: center;
187 margin-top: 130px;
188 }
189
190 .btn1 {
```

```
190 .btn1 {
191     position: relative;
192     display: inline-flex;
193     padding: 10px 30px;
194     background: #grey;
195     color: #white;
196     text-decoration: none;
197     letter-spacing: 1px;
198     overflow: hidden;
199     -webkit-transition: background-color 1s linear;
200 }
201
202 .info {
203     display: inline-block;
204     width: 400px;
205     margin-top: 0;
206     padding: 50px;
207     border: 1px solid #grey;
208     border-radius: 50%;
209     font-size: 24px;
210     font-family: "Josefin Slab";
211     text-align: center;
212     margin-left: 70px;
213     margin-right: 70px;
214 }
215
216 .info:hover {
217     -webkit-transition: all 1s ease;
218     transition: 1s ease;
219     box-shadow: 0 8px 12px 0 #rgba(0, 0, 0, 0.2), 0 6px 20px 0 #rgba(0, 0, 0, 0.19);
220 }
221
222 .info p {
223     padding: 10px;
224     margin-bottom: 20px;
225 }
226
227 .info h3 {
228     font-size: 28px;
229     padding: 20px;
230 }
231
232 .info i {
233     font-size: 30px;
234 }
235
236 /* FORM VALIDATION */
237
238 #formular {
```

```

238 #formular {
239     display: flex;
240     justify-content: center;
241     align-items: center;
242     margin-top: 100px;
243 }
244
245 #formular h4 {
246     position: relative;
247     font-size: 32px;
248     color: black;
249     font-weight: bold;
250     letter-spacing: 1px;
251     font-weight: bold;
252     margin-bottom: 0px;
253     margin-top: 40px;
254     font-family: "Josefin Slab";
255     display: flex;
256     justify-content: center;
257     align-items: center;
258     padding-bottom: 40px;
259 }
260
261 #form {
262     position: relative;
263     margin-top: 30px;
264     background-color: #ffe6e6;
265     height: auto;
266     width: 600px;
267     border-radius: 25px;
268     box-shadow: 0 5px 9px 0 rgba(0, 0, 0, 0.2), 0 4px 18px 0 rgba(0, 0, 0, 0.17);
269 }
270
271 #form #fullName {
272     width: 450px;
273     height: 50px;
274     background: #d1e0e0;
275     outline: none;
276     border: none;
277     padding: 20px;
278     border-radius: 5px;
279     color: grey;
280     font-style: 18px;
281     margin-left: 14%;
282     font-family: "Josefin Slab";
283     font-weight: bold;
284     font-size: 20px;
285     box-shadow: 0 5px 9px 0 rgba(0, 0, 0, 0.2), 0 4px 18px 0 rgba(0, 0, 0, 0.17);

```

```
288 #form #inputBox1 {
289   position: relative;
290 }
291
292 #form #email {
293   width: 450px;
294   height: 50px;
295   background: #d1e0e0;
296   outline: none;
297   border: none;
298   padding: 20px;
299   border-radius: 5px;
300   color: grey;
301   margin-top: 20px;
302   margin-left: 14%;
303   font-weight: bold;
304   font-size: 20px;
305   font-family: "Josefin Slab";
306   box-shadow: 0 5px 9px 0 rgba(0, 0, 0, 0.2), 0 4px 18px 0 rgba(0, 0, 0, 0.17);
307 }
308
309 #form #inputBox2 {
310   position: relative;
311   margin-left: 14%;
312 }
313
314 #form #inputBox3 {
315   width: 450px;
316   height: 150px;
317   margin-top: 40px;
318   background: #d1e0e0;
319   outline: none;
320   border: none;
321   padding: 15px;
322   border-radius: 5px;
323   color: grey;
324   font-size: 18px;
325   margin-left: 14%;
326   font-family: "Josefin Slab";
327   font-weight: bold;
328   font-size: 20px;
329   box-shadow: 0 5px 9px 0 rgba(0, 0, 0, 0.2), 0 4px 18px 0 rgba(0, 0, 0, 0.17);
330   position: relative;
331   margin-left: 14%;
332   background-color: #d1e0e0;
333 }
334
335 #messages p {
```

```
335  ✓ #messages p {
336      margin-left: 14%;
337      margin-top: 60px;
338      font-family: "Josefin Slab";
339      font-weight: bold;
340      font-size: 22px;
341      border-bottom: 1px solid black;
342      padding-bottom: 2px;
343      width: 250px;
344      padding-bottom: 2px;
345      color: #76a2a2;
346  }
347
348  ✓ #text1 {
349      display: block;
350      color: #000;
351      font-weight: 300;
352      font-style: italic;
353      padding: 15px;
354      font-weight: bold;
355      margin-left: 14%;
356      font-family: "Josefin Slab";
357      font-size: 18px;
358  }
359
360  ✓ #text2 {
361      display: block;
362      color: #000;
363      font-weight: 300;
364      font-style: italic;
365      padding: 15px;
366      font-weight: bold;
367      margin-left: 14%;
368      font-family: "Josefin Slab";
369      font-size: 20px;
370  }
371
372  ✓ #text3 {
373      display: block;
374      color: #000;
375      font-weight: 500;
376      font-style: italic;
377      padding: 15px;
378      font-weight: bold;
379      margin-left: 13%;
380      font-size: 16px;
381      font-family: "Josefin Slab";
382      font-size: 20px;
383      margin-bottom: 48px;
```

```
386 #radio1 {
387     margin-top: 25px;
388     margin-left: 14%;
389 }
390
391 #radio2 {
392     margin-top: 13px;
393     margin-left: 14%;
394 }
395
396 #radios p {
397     font-size: 22px;
398     margin-left: 14%;
399     margin-top: 48px;
400     font-family: "Josefin Slab";
401     font-weight: bold;
402     border-bottom: 1px solid black;
403     padding-bottom: 2px;
404     width: 200px;
405     color: #76a2a2;
406 }
407
408 #radios label {
409     font-family: "Josefin Slab";
410     font-weight: bold;
411     font-size: 18px;
412 }
413
414 #dropdown label {
415     color: #76a2a2;
416     font-family: "Josefin Slab";
417     font-weight: bold;
418     font-size: 21px;
419     border-bottom: 1px solid black;
420     padding-bottom: 2px;
421     margin-left: 14%;
422 }
423
424 #services {
425     margin-top: 23px;
426     margin-left: 14%;
427     width: 185px;
428     height: 35px;
429     border-radius: 25px;
430     padding-left: 15px;
431     font-family: "Josefin Slab";
432     font-weight: bold;
433     font-size: 18px;
```



```
434     box-shadow: 0 5px 9px 0 rgba(0, 0, 0, 0.2), 0 4px 18px 0 rgba(0, 0, 0, 0.17);
435 }
436
437 #submitBtn {
438     margin-top: 55px;
439     margin-bottom: 40px;
440     width: 130px;
441     height: 60px;
442     font-size: 20px;
443     font-family: "Josefin Slab";
444     border-radius: 25px;
445     font-weight: bold;
446     border: 3px solid #d1e0e0;
447     cursor: pointer;
448     margin-left: 40%;
449     color: grey;
450     box-shadow: 0 5px 9px 0 rgba(0, 0, 0, 0.2), 0 4px 18px 0 rgba(0, 0, 0, 0.17);
451 }
452
453 #backgroundAuthor {
454     background-color: black;
455 }
456
457 #autor {
458     display: flex;
459     align-items: center;
460     margin-left: 22%;
461     margin-top: 5%;
462     margin-bottom: 5%;
463     background-color: #d1e0e0;
464     width: 1200px;
465     background-image: linear-gradient(#ffe6e6, #e6fff7);
466 }
467
468 #authorImage img {
469     width: 570px;
470     padding: 30px;
471     margin-left: 40px;
472 }
473
474 .readMore {
475     margin-left: 55px;
476     width: 470px;
477     font-size: 23px;
478     font-family: "Josefin Slab";
479     font-weight: bold;
480     color: #333333;
481 }
```

```

483 #read-btn {
484   margin-top: 30px;
485   width: 110px;
486   height: 40px;
487   font-size: 18px;
488   font-family: "Josefin Slab";
489   border-radius: 25px;
490   font-weight: bold;
491   border: 3px solid #d1e0e0;
492   cursor: pointer;
493   color: grey;
494   box-shadow: 0 5px 9px 0 rgba(0, 0, 0, 0.2), 0 4px 18px 0 rgba(0, 0, 0, 0.17);
495 }
496
497 #more {
498   display: none;
499 }
500
501 img {
502   width: 100%;
503 }
504 .cards {
505   display: flex;
506   justify-content: space-between;
507   align-items: center;
508   flex-wrap: wrap;
509   padding: 260px;
510   padding-top: 140px;
511   margin-top: 60px;
512 }
513 .card {
514   position: relative;
515   width: 408px;
516   padding-bottom: 50px;
517   background-color: #fff;
518   box-shadow: 0 8px 12px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);
519   border-radius: 6px;
520   overflow: hidden;
521   font-family: "Josefin Slab";
522   font-weight: bold;
523 }
524 .card .text {
525   padding: 20px;
526 }
527 .card p {
528   font-size: 18px;
529   line-height: 30px;
530 }

```

```
531 .card h2 {
532     font-size: 27px;
533     margin-bottom: 20px;
534 }
535 .card .more-btn {
536     width: 100px;
537     height: 100px;
538     background-color: #f8bbd0;
539     border-radius: 50%;
540     position: absolute;
541     bottom: -60px;
542     left: 0;
543     right: 0;
544     margin: 0 auto;
545     text-align: center;
546     line-height: 60px;
547     color: white;
548     cursor: pointer;
549     z-index: 9;
550     font-size: 20px;
551     transition: all ease 0.5s;
552 }
553 .card .more-btn:hover {
554     background-color: #9e9e9e;
555     color: white;
556 }
557 .more-text {
558     position: absolute;
559     bottom: -100%;
560     left: 0;
561     width: 100%;
562     height: 100%;
563     background-color: #d1e0e0;
564     padding: 30px;
565     overflow-y: auto;
566     transition: all ease 0.7s;
567 }
568
569 .more-text h2 {
570     color: black;
571     font-weight: bold;
572     margin-top: 15px;
573 }
574 .more-text p {
575     padding-top: 20px;
576     color: #9e9e9e;
577     font-size: 18px;
578     line-height: 30px;
579     font-weight: 500;
```

```

578     line-height: 30px;
579     font-weight: 500;
580     font-weight: bold;
581 }
582
583 .more-text.active {
584     bottom: 0;
585 }
586 .gallery {
587     min-height: 100vh;
588     background: #eee;
589     padding-bottom: 100px;
590     margin-top: 40px;
591 }
592
593 .gallery .controls {
594     display: flex;
595     align-items: center;
596     justify-content: center;
597     flex-wrap: wrap;
598     padding: 20px 0;
599     list-style: none;
600 }
601
602 .gallery .controls .buttons {
603     height: 40px;
604     width: 140px;
605     background: #fff;
606     color: #666;
607     font-size: 20px;
608     line-height: 40px;
609     cursor: pointer;
610     margin: 20px;
611     box-shadow: 0 3px 5px rgba(0, 0, 0, 0.3);
612     text-align: center;
613     font-family: "Josefin Slab";
614 }
615
616 .gallery .controls .buttons.active {
617     background: #e6fff7;
618     color: grey;
619     font-family: "Josefin Slab";
620     font-weight: bold;
621 }
622
623 .gallery .image-container {
624     display: flex;
625     align-items: center;
626     justify-content: center;

```

```
630  ✓ .gallery .image-container .image {
631      height: 250px;
632      width: 350px;
633      overflow: hidden;
634      border: 15px solid ■ #fff;
635      box-shadow: 0 3px 5px □ rgba(0, 0, 0, 0.3);
636      margin: 20px;
637  }
638
639  ✓ .gallery .image-container .image img {
640      height: 100%;
641      width: 100%;
642      object-fit: cover;
643  }
644
645  ✓ .gallery .image-container .image:hover img {
646      transform: scale(1.4);
647  }
648  ✓ .controls {
649      text-transform: capitalize;
650  }
651
652  ✓ #mapa {
653      margin-left: 36%;
654      margin-top: -100px;
655      margin-bottom: 100px;
656  }
657
658  ✓ #mapa h3 {
659      background-color: ■ #d1e0e0;
660      margin-bottom: 30px;
661      font-size: 40px;
662      margin-left: 7%;
663      width: 425px;
664      font-family: "Josefin Slab";
665      color: □ #404040;
666      box-shadow: 0 8px 12px 0 □ rgba(0, 0, 0, 0.2), 0 6px 20px 0 □ rgba(0, 0, 0, 0.19);
667      padding: 15px;
668      border-radius: 25px;
669  }
670
671  ✓ .to-top {
672      background: ■ #d1e0e0;
673      position: fixed;
674      bottom: 16px;
675      right: 32px;
676      width: 80px;
677      height: 80px;
```

```
678     border-radius: 50%;
679     display: flex;
680     align-items: center;
681     justify-content: center;
682     font-size: 32px;
683     color: □ #1f1f1f;
684     text-decoration: none;
685     opacity: 0;
686     pointer-events: none;
687     transition: all 0.4s;
688 }
689
690 ▾ .to-top.active {
691     bottom: 32px;
692     pointer-events: auto;
693     opacity: 1;
694 }
695
696 ▾ #footer {
697     width: 100%;
698     height: 90px;
699     background-color: ■ #ffe6e6;
700 }
701
702 ▾ #copyright {
703     font-size: 20px;
704     font-family: "Josefin Slab";
705     font-weight: bold;
706     float: left;
707     padding-top: 33px;
708     padding-left: 120px;
709     color: □ #404040;
710 }
711
712 ▾ #adresa {
713     font-size: 20px;
714     font-family: "Josefin Slab";
715     font-weight: bold;
716     float: right;
717     padding-top: 33px;
718     padding-right: 120px;
719     color: □ #404040;
720 }
```

3.3 JavaScript + jQuery

JavaScript za slider:

```
1  const buttons = document.querySelectorAll("[data-carousel-button]");
2
3  buttons.forEach((button) => {
4    button.addEventListener("click", () => {
5      const offset = button.dataset.carouselButton === "next" ? 1 : -1;
6      const slides = button
7        .closest("[data-carousel]")
8        .querySelector("[data-slides]");
9
10     const activeSlide = slides.querySelector("[data-active]");
11     let newIndex = [...slides.children].indexOf(activeSlide) + offset;
12     if (newIndex < 0) newIndex = slides.children.length - 1;
13     if (newIndex >= slides.children.length) newIndex = 0;
14
15     slides.children[newIndex].dataset.active = true;
16     delete activeSlide.dataset.active;
17   });
18 });
19
```

JavaScript za button-e koji hoverom menjaju boju:

```
20  $(".btn1").hover(
21    function () {
22      $(this).css("background-color", "pink");
23    },
24    function () {
25      $(this).css("background-color", "grey");
26    }
27  );
```

JavaScript za validaciju forme:

```

29 function validation1() {
30     var form = document.getElementById("form");
31     var fullName = document.getElementById("fullName").value;
32     var text = document.getElementById("text");
33     var pattern = /^[A-Z][a-z]+\s[A-Z][a-z]+/;
34
35     if (fullName.match(pattern)) {
36         form.classList.add("valid");
37         form.classList.remove("invalid");
38         text.innerHTML = "Your name is valid!";
39         text.style.color = "#4d9900";
40     } else {
41         form.classList.remove("valid");
42         form.classList.add("invalid");
43     }
44     if (fullName == "") {
45         form.classList.remove("valid");
46         form.classList.remove("invalid");
47         text.innerHTML = "";
48         text.style.color = "#00ff00";
49     }
50 }
51
52 function validation2() {
53     var form = document.getElementById("form");
54     var email = document.getElementById("email").value;
55     var text = document.getElementById("text");
56     var pattern = /^[^ ]+@[^[^ ]+\.[a-z]{2,4}$/;
57
58     if (email.match(pattern)) {
59         form.classList.add("valid");
60         form.classList.remove("invalid");
61         text.innerHTML = "Your address is valid!";
62         text.style.color = "#4d9900";
63     } else {
64         form.classList.remove("valid");
65         form.classList.add("invalid");
66     }
67     if (email == "") {
68         form.classList.remove("valid");
69         form.classList.remove("invalid");
70         text.innerHTML = "";
71         text.style.color = "#00ff00";
72     }
73 }

```

```

75 function checkBlank() {
76     if (
77         document.getElementById("radio1").checked ||
78         document.getElementById("radio2").checked
79     ) {
80         text3.innerHTML = "";
81     } else {
82         text3.innerHTML = "Please select type of consultation.";
83         text3.style.color = "#992600";
84     }
85     if (document.getElementById("fullName").value == "") {
86         text1.innerHTML = "Your full name is required!";
87         text1.style.color = "#992600";
88     }
89     if (document.getElementById("email").value == "") {
90         text2.innerHTML = "Your email is required!";
91         text2.style.color = "#992600";
92     }
93     return false;
94 }

```


JavaScript za Read More i Read Less dugme:

```
95
96  $("#more").hide();
97  $("#read-btn").click(function () {
98    |  $("#more").slideToggle();
99  });|
100
```

jQuery za review blokove:

```
114  < $(document).ready(function () {
115  <   $(".more-btn").on("click", function () {
116  <     |  $(this).parent().parent().find(".more-text").toggleClass("active");
117  <   });
118  < });
```

JavaScript za dugme koje skroluje do vrha:

```
const toTop = document.querySelector(".to-top");

window.addEventListener("scroll", () => {
  if (window.pageYOffset > 100) {
    toTop.classList.add("active");
  } else {
    toTop.classList.remove("active");
  }
});
```

jQuery za galeriju slika:

```
$(document).ready(function () {
  $(".buttons").click(function () {
    $(this).addClass("active").siblings().removeClass("active");

    var filter = $(this).attr("data-filter");

    if (filter == "all") {
      $(".image").show(400);
    } else {
      $(".image")
        .not("." + filter)
        .hide(200);
      $(".image")
        .filter("." + filter)
        .show(400);
    }
  });

  $(".gallery").magnificPopup({
    delegate: "a",
    type: "image",
    gallery: {
      enabled: true,
    },
  });
});
```

JavaScript za navigacioni meni:

```
var Stranice = new Array("Home", "Gallery", "Author");
var LinkoviStranica = new Array("index.html", "gallery.html", "author.html");

var divMeni = document.querySelector("#menu");
console.log(divMeni);

var ulTag = document.createElement("ul");
ulTag.setAttribute("class", "nav navbar-nav pull-right");

for (let i = 0; i < Stranice.length; i++) {
    var liTag = document.createElement("li");
    var aTag = document.createElement("a");

    aTag.innerHTML = Stranice[i];

    aTag.setAttribute("href", LinkoviStranica[i]);

    liTag.appendChild(aTag);
    ulTag.appendChild(liTag);
}

divMeni.appendChild(ulTag);
```