

VISOKA ŠKOLA STRUKOVNIH STUDIJA ZA INFORMACIJE I KOMUNIKACIONE TEHNOLOGIJE

DOKUMENTACIJA

https://tacumaki99.github.io/chocolate_factory.github.io/

Web Programiranje 1

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Modul: Web Programiranje

Predmet: Web Programiranje 1

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1. Uvod

1.1 Korišćeni programski jezici

Jezici koji su korišćeni za izradu sajta su:

- HTML
- CSS
- XML
- JavaScript
- jQuery biblioteka JavaScripta

1.2 Opis funkcionalnosti

Stranica index.html:

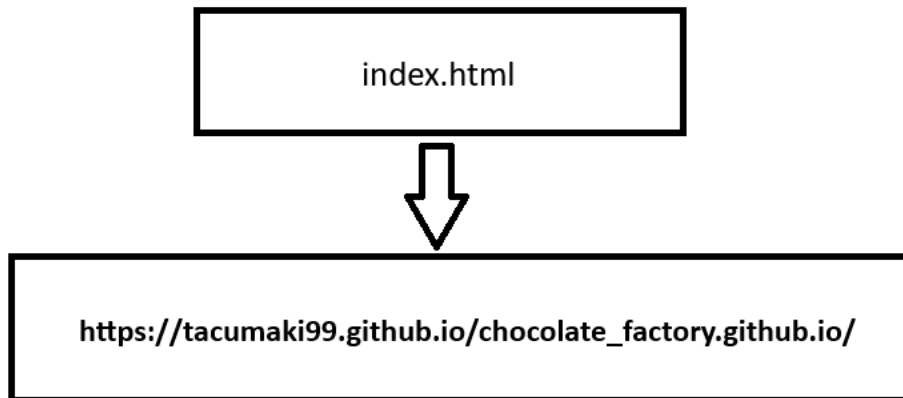
- Fiksirani navigacioni meni na vrhu stranice
- Dinamički ispisana lista produkta sa njihovim slikama i cenama
- Slider sa uslugama, prilikom otvaranja stranice na mobilnim uređajima navigacija se svodi na navigacione strelice umesto direktnog odabira usluga
- Forma koja dinamički proverava da li je uneti sadržaj u validnoj formi pomoću regularnih izraza. Prilikom nepravilnog ili nepostojećeg unosa se ispisuje poruka

1.3 Template

Za izradu sajta nije korišćen template.

2. Organizacija

2.1 Organizaciona šema



2.2 Mapa sajta

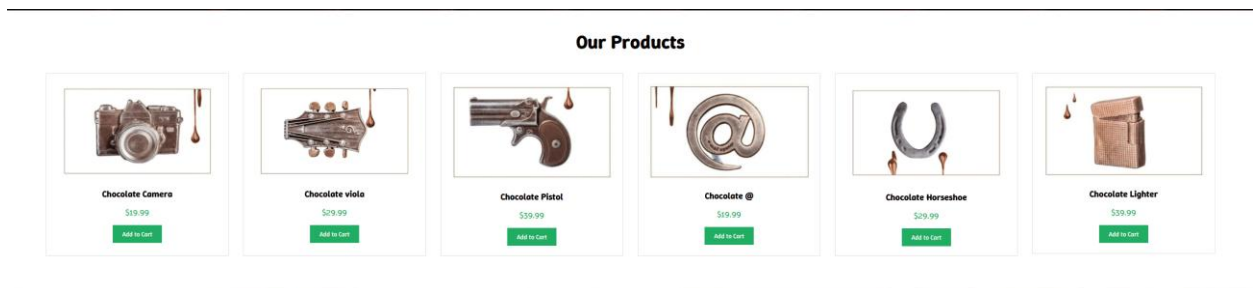
This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.sitemaps.org/schemas/sitemap/0.9
    http://www.sitemaps.org/schemas/sitemap/0.9/sitemap.xsd">
  <!-- created with Free Online Sitemap Generator www.xml-sitemaps.com -->
  <url>
    <loc>https://tacumaki99.github.io/chocolate_factory.github.io/</loc>
    <lastmod>2026-01-11T23:16:44+00:00</lastmod>
  </url>
</urlset>
```

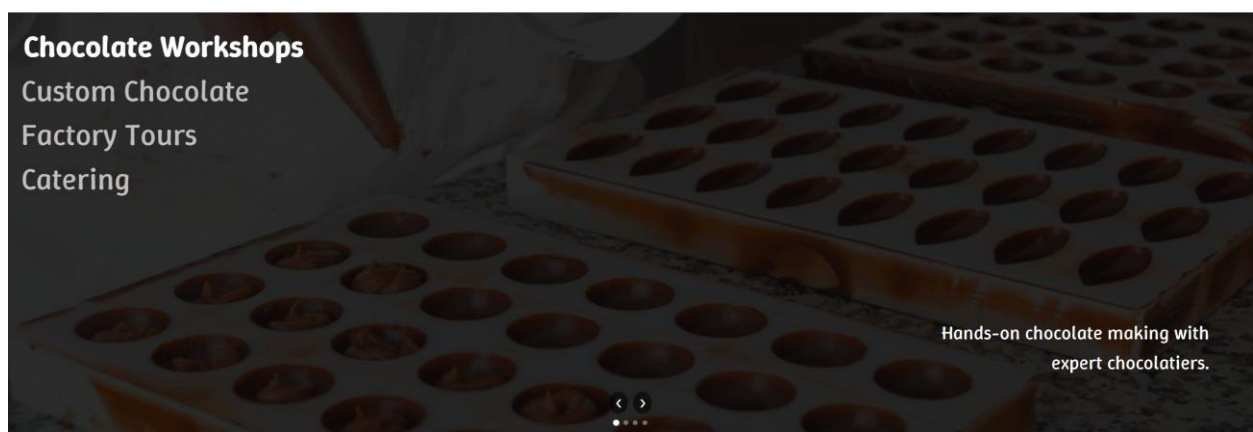
2.3 Slike stranica i opis funkcionalnosti



U header-u stranice se nalazi navigacioni meni koji je sve vreme prisutan. Korisnik se pomoću ovog menija može kretati po stranici – klikom na opciju, sajt se scrolluje na željenu sekciju.



U sekciji “Our Products” mogu se videti proizvodi od čokolade dinamički ispisani putem JavaScripta.



Sledeća sekcija predstavlja listu usluga u vidu slider-a. Kroz slider se može kretati pomoću navigacionih strelica ili klikom na uslugu koje su navedene.

Step into the world of fine chocolate. Reserve your place and enjoy a truly indulgent experience.

First Name	Last Name
<input type="text"/>	<input type="text"/>
E-mail	Phone
<input type="text"/>	<input type="text"/>
Event	Number of People
Select an event	<input type="text"/>
Preferred Date	Reserve Now
<input type="text"/>	

Sekcija u kojoj se nalazi forma osmišljena je u vidu prijave za radionicu. Prilikom unosa informacija vrši se provera da li one ispunjavaju uslove relevantnih polja:

- Za **First Name** i **Last Name** se mora uneti bilo kakav tekst
- **Email** polje zahteva tekst koji ispunjava format email adrese
- **Phone** polje zahteva validan broj telefona (9 cifara sa početkom 06)
- Za event u drop down meniju mora biti izabrana neka od opcija
- **Number of People** ne sme biti 0
- **Preferred Date** mora biti datum u budućnosti

Popunjavanje svih polja validnim vrednostima omogućava klik na dugme **Reserve Now**.



Tamara Pavlović

Hey! My name is Tamara. I am from Belgrade. I'm currently attending College of Information and Communication Technologies. Before college I finished two highschools, Zemunsko Grammar School and Music School "Stanković". In spare time I play the trumpet and practice karate.

Sekcija o autoru sadrži sliku autora i kratak opis. Na dnu stranice se nalazi footer sa linkom ka mapi sajta i dokumentaciji.

3. Kodovi

3.1 HTML – index.html

```
WEB 1 > index.html > html > body > main > section#author > div#about_author.about_author > div.about_author_info > p.about_author_text
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5    <title>Chocolate Factory</title>
6    <link rel="icon" type="image/x-icon" href="assets/images/favicon.png">
7    <meta charset="UTF-8">
8    <meta name="viewport" content="width=device-width, initial-scale=1.0">
9
10   <link rel="preconnect" href="https://fonts.googleapis.com">
11   <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
12   <link href="https://fonts.googleapis.com/css2?family=Winky+Sans:wght@300..900&display=swap" rel="stylesheet">
13   <link rel="preconnect" href="https://fonts.googleapis.com">
14   <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
15   <link href="https://fonts.googleapis.com/css2?family=Ole&display=swap" rel="stylesheet">
16   <link rel="preconnect" href="https://fonts.googleapis.com">
17   <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
18   <link href="https://fonts.googleapis.com/css2?family=Corinthia:wght@700&display=swap" rel="stylesheet">
19   <link rel="stylesheet" href="assets/css/main.css">
20   <script src="https://kit.fontawesome.com/7b9589affe.js" crossorigin="anonymous"></script>
21 </head>
22
23 <body>
24
25   <header id="header">
26     <h1 class="title">Chocolate Factory</h1>
27     <nav class="nav">
28       <a href="#product-overview">Home</a>
29       <a href="#products">Products</a>
30       <a href="#services">Services</a>
31       <a href="#contact">Contact</a>
32       <a href="#author">Author</a>
33       <a href="chocolateFactory.zip">Project</a>
34     </nav>
35   </header>
36
37   <main>
38
39     <section id="product-overview">
40       <h2>Let your senses melt.</h2>
41     </section>
42
43     <!-- Products -->
44     <section id="products">
45       <h2 class="product-title">Our Products</h2>
46
47       <div class="product-holder" id="product-holder">
48         <!--<div class="product-card">
49           
50           <h3>Chocolate Camera</h3>
51           <p class="price">$19.99</p>
52           <button type="button">Add to Cart</button>
53         </div>
54
55         <div class="product-card">
56           
57           <h3>Chocolate Phone</h3>
58           <p class="price">$29.99</p>
59           <button type="button">Add to Cart</button>
60         </div>
61
62         <div class="product-card">
63           
64           <h3>Chocolate Watch</h3>
65           <p class="price">$39.99</p>
66           <button type="button">Add to Cart</button>
67         </div-->

```

```

59
60     <div class="product-card">
61         
62         <h3>Chocolate Watch</h3>
63         <p class="price">$39.99</p>
64         <button type="button">Add to Cart</button>
65     </div>-->
66 </div>
67 </section>
68
69 <!--Services-->
70 <section id="services">
71     <div class="services-slider">
72
73
74         <ul class="services-list">
75             <li data-index="0">Chocolate Workshops</li>
76             <li data-index="1">Custom Chocolate</li>
77             <li data-index="2">Factory Tours</li>
78             <li data-index="3">Catering</li>
79         </ul>
80
81         <div class="services-track">
82
83             <div class="service-slide slide-1">
84                 <div class="service-content">
85                     <p>Hands-on chocolate making with expert chocolatiers.</p>
86                 </div>
87             </div>
88
89             <div class="service-slide slide-2">
90                 <div class="service-content">
91                     <p>Personalized chocolate creations for any occasion.</p>
92                 </div>
93             </div>
94
95             <div class="service-slide slide-3">
96                 <div class="service-content">
97                     <p>Discover how fine chocolate is crafted.</p>
98                 </div>
99             </div>
100
101             <div class="service-slide slide-4">
102                 <div class="service-content">
103                     <p>Delight your guests with handcrafted chocolate experiences tailored for your event.</p>
104                 </div>
105             </div>
106         </div>
107
108
109         <div class="service-controls">
110             <button class="service-btn prev"></button>
111             <div class="service-dots"></div>
112             <button class="service-btn next"></button>
113         </div>
114     </div>
115 </section>
116
117

```



```

117
118
119 <!-- Contact -->
120 <section id="contact">
121   <h2 class="signup-title">
122     Step into the world of fine chocolate. Reserve your place and enjoy a truly indulgent experience.
123   </h2>
124
125   <form action="index.html" method="post" class="signup-form">
126
127     <div class="form-row">
128       <div class="form-group">
129         <label for="first-name">First Name</label>
130         <input type="text" id="first-name" name="first_name" required>
131         <span class="input-error"></span>
132       </div>
133
134       <div class="form-group">
135         <label for="last-name">Last Name</label>
136         <input type="text" id="last-name" name="last_name" required>
137         <span class="input-error"></span>
138       </div>
139
140       <div class="form-group">
141         <label for="email">E-Mail</label>
142         <input type="email" id="email" name="email" required>
143         <span class="input-error"></span>
144       </div>
145
146       <div class="form-group">
147         <label for="phone">Phone</label>
148         <input type="text" id="phone" name="phone" required>
149         <span class="input-error"></span>
150       </div>
151
152       <div class="form-group">
153         <label for="event">Event</label>
154         <select id="event" name="event" required>
155           <option value="1">Select an event</option>
156           <option value="workshop">Chocolate Workshop</option>
157           <option value="tour">Factory Tour</option>
158           <option value="corporate">Catering</option>
159           <option value="custom">Custom Experience</option>
160         </select>
161         <span class="input-error"></span>
162       </div>
163
164       <div class="form-group">
165         <label for="people">Number of People</label>
166         <input type="number" id="people" name="people" min="1" max="20" required>
167         <span class="input-error"></span>
168       </div>
169
170       <div class="form-group">
171         <label for="date">Preferred Date</label>
172         <input type="date" id="date" name="date" required>
173         <span class="input-error"></span>
174       </div>
175
176       <div class="form-error" id="form-error"></div>
177       <button type="submit" class="button" disabled>Reserve Now</button>
178     </form>
179   </section>
180   <section id="author">
181     <div class="about-author" id="about-author">

```

```

178     </section>
179     <section id="author">
180         <div class="about_author" id="about_author">
181             <div class="about_author__image-container">
182                 
183             </div>
184             <div class="about_author__info">
185                 <h1 class="about_author__name">Tamara Pavlović</h1>
186                 <p class="about_author__text">Hey! My name is Tamara. I am from Belgrade. I'm currently attending Co
187                     zemunska Grammar School and Music School "Stankovic". In spare time I play the trumpet and practice karate.
188             </p>
189         </div>
190     </div>
191 </section>
192 </main>
193
194 <footer class="footer">
195     <p>© 2026 Chocolate Factory. All rights reserved.</p>
196     <ul class="icons">
197         <li>
198             <a href="sitemap.xml" class="icons_link" target="_blank">
199                 
200             </a>
201         </li>
202         <li>
203             <a href="dokumentacija.pdf" class="icons_link" target="_blank">
204                 
205             </a>
206         </li>
207     </ul>
208 </footer>
209
210 <script src="https://code.jquery.com/jquery-3.7.1.min.js"
211     integrity="sha256-/JqT3SQfawRcv/BIHPThkBs0EvtFFmqPF/lYI/Cxo="
212     crossorigin="anonymous"></script>
213
214
215 <script src="assets/js/main.js"></script>
216
217 </body>
218 </html>
219

```

3.2 CSS

```
WEB 1 > assets > css > # main.css > ...
1  /* Reset */
2  * {
3      margin: 0;
4      padding: 0;
5      box-sizing: border-box;
6      font-family: "Winky Sans", sans-serif;
7  }
8
9  html{
10     scroll-behavior: smooth;
11     scroll-margin-top: 400px;
12 }
13
14
15 /* Header */
16 #header {
17     display: flex;
18     justify-content: space-between;
19     align-items: center;
20     padding: 20px 40px;
21     width: 100%;
22     height: 6vh;
23     background: linear-gradient(to top, transparent 10%, #000000 10%, #000000 90%, #000000 90%);
24     color: #ffff;
25     position: fixed;
26     z-index: 3;
27 }
28
29 .title {
30     font-size: 48px;
31 }
32
33 .nav a {
34     color: #ffff;
35     margin-left: 20px;
36     font-size: 32px;
37     text-decoration: none;
38 }
39
40
41 .nav a:target {
42     scroll-margin-top: 400px;
43 }
44
45 .nav a:hover {
46     color: #ffff;
47 }
48
49 #products,
50 #services,
51 #contact {
52     scroll-margin-top: 6vh;
53 }
54
55 #product-overview {
56     background: linear-gradient(to top, transparent 10%, #000000 10%, #000000 90%, #000000 90%);
57     url("../images/product_overview.gif") center/cover no-repeat border-box,
58     #160108;
59     width: 100%;
60     height: 80vh;
61     position: relative;
62     display: flex;
63     align-items: center;
64     justify-content: center;
65 }
```

```

66
67 #product-overview h2 {
68   color: white;
69   font-family: 'Corinthia', sans-serif;
70   position: absolute;
71   font-size: 8rem;
72 }
73
74 @media (max-width: 1000px) {
75   #header {
76     flex-direction: column;
77     text-align: center;
78     height: 8vh;
79   }
80
81   .title {
82     font-size: 28px;
83   }
84
85   .nav a {
86     font-size: 20px;
87     margin: 0 10px;
88   }
89
90   #product-overview {
91     height: 60vh;
92     text-align: center;
93   }
94 }
95
96
97 /* Products */
98
99 #products {
100   padding: 40px;
101 }
102
103 .product-title {
104   font-size: 40px;
105   text-align: center;
106 }
107
108 .product-holder {
109   display: grid;
110   grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
111   gap: 30px;
112   padding: 40px;
113 }
114
115 .product-card {
116   border: 1px solid #ddd;
117   padding: 20px;
118   text-align: center;
119   transition: transform 0.2s;
120 }
121
122 .product-card:hover {
123   transform: translateY(-5px);
124 }
125
126 .product-card img {
127   width: 100%;
128   height: auto;
129 }
130

```

```

131 .product-card h3 {
132     margin: 15px 0;
133 }
134
135 .price {
136     font-size: 18px;
137     color: #27ae60;
138     margin-bottom: 15px;
139 }
140
141 button {
142     padding: 10px 20px;
143     border: none;
144     background: #27ae60;
145     color: white;
146     cursor: pointer;
147 }
148
149 button:hover {
150     background: #219150;
151 }
152
153 /* Services */
154 #services {
155     width: 100%;
156     overflow: hidden;
157 }
158
159 .services-slider {
160     position: relative;
161     width: 100%;
162     height: 70vh;
163 }
164
165 .services-track {
166     display: flex;
167     height: 100%;
168     transition: transform 0.6s ease-in-out;
169 }
170
171 .service-slide {
172     min-width: 100%;
173     height: 100%;
174     display: flex;
175     color: white;
176     position: relative;
177 }
178
179 .service-slide::before {
180     content: "";
181     position: absolute;
182     inset: 0;
183     background: rgba(0,0,0,0.45);
184 }
185
186 .service-content {
187     position: absolute;
188     bottom: 100px;
189     right: 60px;
190     max-width: 620px;
191     text-align: right;
192     z-index: 1;
193     padding: 2rem;
194 }

```

```

195
196 .service-content p {
197     font-size: 2.5rem;
198     line-height: 1.6;
199 }
200
201 @media (max-width: 600px) {
202     .services-list {
203         display: none;
204     }
205
206     .service-content p {
207         font-size: 1.5rem;
208         line-height: 1.6;
209     }
210 }
211
212 .service-controls {
213     position: absolute;
214     bottom: 30px;
215     left: 50%;
216     transform: translateX(-50%);
217     display: flex;
218     align-items: center;
219     gap: 1rem;
220     z-index: 2;
221 }
222
223 .service-btn {
224     position: absolute;
225     transform: translateY(-50%);
226     background: rgba(0,0,0,0.6);
227     color: #fff;
228     border: none;
229     border-radius: 50%;
230     font-size: 1.5rem;
231     padding: 0.4rem 0.8rem;
232     cursor: pointer;
233     z-index: 2;
234     bottom: 5%;
235 }
236
237
238 .service-btn.prev { right: 40px; }
239 .service-btn.next { left: 40px; }
240
241 .service-btn:hover {
242     background: rgba(0,0,0,0.8);
243 }
244
245 .service-dots {
246     display: flex;
247     gap: 0.6rem;
248 }
249
250 .service-dot {
251     width: 10px;
252     height: 10px;
253     border-radius: 50%;
254     background: rgba(255,255,255,0.4);
255     cursor: pointer;
256     transition: background 0.3s, transform 0.3s;
257 }
258

```

```

259 .service-dot.active {
260     background: ■ #fff;
261     transform: scale(1.3);
262 }
263
264 .slide-1 {
265     background: url("../images/workshop.gif") center/cover no-repeat;
266 }
267
268 .slide-2 {
269     background: url("../images/custom.gif") center/cover no-repeat;
270 }
271
272 .slide-3 {
273     background: url("../images/tour.gif") center/cover no-repeat;
274 }
275
276 .slide-4 {
277     background: url("../images/catering.gif") center/cover no-repeat;
278 }
279
280 .services-list {
281     position: absolute;
282     top: 30px;
283     left: 30px;
284     list-style: none;
285     padding: 0;
286     margin: 0;
287     z-index: 2;
288 }
289
290 .services-list li {
291     color: ■ rgba(255,255,255,0.7);
292     font-size: 4rem;
293     margin-bottom: 0.6rem;
294     cursor: pointer;
295     transition: color 0.3s, transform 0.3s;
296 }
297
298
299 .services-list li.active {
300     color: ■ #fff;
301     font-weight: 600;
302     transform: translateX(5px);
303 }
304
305 .services-list li:hover {
306     color: ■ #fff;
307 }
308
309
310 /*contact*/
311 #contact {
312     padding: 5rem 2rem;
313     background: ■ #f8f3ef;
314     display: flex;
315     flex-direction: column;
316     align-items: center;
317 }
318
319 .signup-title {
320     max-width: 700px;
321     text-align: center;
322     margin-bottom: 3rem;
323     font-size: 1.8rem;
324 }
325

```

```
326 .signup-form {
327   background: #fff;
328   padding: 3rem;
329   border-radius: 16px;
330   width: 100%;
331   max-width: 500px;
332   box-shadow: 0 15px 40px rgba(0,0,0,0.1);
333 }
334
335 .form-row {
336   display: grid;
337   grid-template-columns: 1fr 1fr;
338   gap: 1rem;
339 }
340
341 .form-group {
342   display: flex;
343   flex-direction: column;
344   margin-bottom: 1.5rem;
345 }
346
347 .signup-form label {
348   font-size: 0.9rem;
349   margin-bottom: 0.4rem;
350   color: #555;
351 }
352
353 .signup-form input,
354 .signup-form select {
355   padding: 0.7rem 0.8rem;
356   border-radius: 8px;
357   border: 1px solid #ccc;
358   font-size: 1rem;
359   transition: border 0.3s, box-shadow 0.3s;
360 }
361
362 .signup-form input:focus,
363 .signup-form select:focus {
364   outline: none;
365   border-color: #5a2d0c;
366   box-shadow: 0 0 2px rgba(90,45,12,0.15);
367 }
368
369 .signup-form__checkbox {
370   display: flex;
371   align-items: center;
372   gap: 0.6rem;
373   margin: 1.5rem 0;
374   font-size: 0.9rem;
375 }
376
377 .signup-form__checkbox a {
378   color: #5a2d0c;
379   text-decoration: none;
380 }
381
382 .signup-form__checkbox a:hover {
383   text-decoration: underline;
384 }
385
```



```

385
386 .input-error {
387   color: red;
388   font-size: 0.85rem;
389   margin-top: 0.25rem;
390   display: block;
391   min-height: 1rem;
392 }
393
394 .form-error {
395   color: red;
396   font-size: 0.9rem;
397   margin-bottom: 1rem;
398   display: none;
399 }
400
401
402 .signup-form .button {
403   width: 100%;
404   padding: 0.9rem;
405   border-radius: 10px;
406   font-size: 1.1rem;
407 }
408
409 .signup-form .button:disabled {
410   background-color: #d3bfa4;
411   color: #fff;
412   cursor: not-allowed;
413   opacity: 0.6;
414   box-shadow: none;
415   transition: all 0.3s ease;
416 }
417
418 .signup-form .button:enabled {
419   cursor: pointer;
420   transition: all 0.3s ease;
421 }
422
423 @media (max-width: 600px) {
424   .form-row {
425     grid-template-columns: 1fr;
426   }
427
428   .signup-form {
429     padding: 2rem;
430   }
431 }
432
433 @media (max-width: 600px) {
434   .signup-form {
435     width: 100%;
436     grid-template-columns: 1fr;
437   }
438
439   .product-holder {
440     padding: 20px 10px;
441   }
442 }
443

```

```
444  /*Author*/
445
446  @media(min-width:1000px){
447    .about_author {
448      margin: 3rem auto;
449      max-width: 1500px;
450      display: flex;
451      align-items: center;
452      justify-content: space-around;
453    }
454  }
455
456  .about_author__image-container {
457    width: 60%;
458  }
459
460  .about_author__image {
461    width: 100%;
462    vertical-align: top;
463  }
464
465  .about_author__info {
466    text-align: right;
467    padding: 0.9rem;
468  }
469
470
471
472  .about_author__name {
473    margin: 0.2rem;
474    font-size: 4rem;
475  }
476
477  .about_author__subtitle {
478    margin: 0;
479    font-size: 3rem;
480    color: #ccc;
481  }
482
483
484  .about_author__text {
485    margin: 0.2rem;
486  }
487
488  @media(max-width: 1000px){
489    .about_author {
490      font-size: 1.2rem;
491    }
492
493    .about_author__image-container{
494      width: 100%;
495      max-width: 40rem;
496    }
497
498    .about_author__info {
499      width: 100%;
500    }
501  }
502
503
504
```

```
502
503
504
505 .footer {
506   background: black;
507   color: #fff;
508   padding: 2rem 1.5rem;
509   display: flex;
510   justify-content: space-between;
511   align-items: center;
512   flex-wrap: wrap;
513   gap: 1rem;
514 }
515
516 .footer p {
517   margin: 0;
518   font-size: 0.9rem;
519   opacity: 0.8;
520 }
521
522 .footer .icons {
523   list-style: none;
524   display: flex;
525   gap: 1rem;
526   margin: 0;
527   padding: 0;
528 }
529
530 .footer .icons li {
531   display: flex;
532 }
533
534 .footer .icons_link {
535   display: inline-flex;
536   align-items: center;
537   justify-content: center;
538   width: 48px;
539   height: 48px;
540   border-radius: 50%;
541   background: rgba(255, 255, 255, 0.1);
542   transition: background 0.3s ease, transform 0.3s ease;
543 }
544
545 .footer .icons_link:hover {
546   background: rgba(255, 255, 255, 0.25);
547   transform: translateY(-2px);
548 }
549
550
551 .footer .icons_link img {
552   width: 40px;
553   height: 40px;
554 }
555
556
557
558
559
560
```

3.3 JavaScript

```
WEB 1 > assets > js > JS main.js > ready() callback
1  const products = [
2    {
3      image: "Camera.jpg",
4      name: "Chocolate Camera",
5      price: 19.99,
6      description: "A delicious chocolate replica of a classic camera."
7    },
8    {
9      image: "Viola.png",
10     name: "Chocolate viola",
11     price: 29.99,
12     description: "Looks like a phone, tastes like chocolate."
13   },
14   {
15     image: "Pistol.jpg",
16     name: "Chocolate Pistol",
17     price: 39.99,
18     description: "Luxury design, sweet flavor."
19   },
20   {
21     image: "AroundA.jpg",
22     name: "Chocolate @",
23     price: 19.99,
24     description: "A delicious chocolate replica of a monkey A."
25   },
26   {
27     image: "Horseshoe.jpg",
28     name: "Chocolate Horseshoe",
29     price: 29.99,
30     description: "Looks like a horseshoe, tastes like chocolate."
31   },
32   {
33     image: "Lighter.jpg",
34     name: "Chocolate Lighter",
35     price: 39.99,
36     description: "A delicious chocolate replica of a lighter."
37   }
38 ];
39
40
41 const holder = document.getElementById("product-holder");
42
43 let html = "";
44
45 products.forEach(product => {
46   html += `
47     <div class="product-card">
48       
49       <h3>${product.name}</h3>
50       <p class="price">${product.price}</p>
51       <button>Add to Cart</button>
52     </div>
53   `;
54 });
55
56 holder.innerHTML = html;
57
```

WEB 1 > assets > js > JS main.js > ready() callback

```
56 holder.innerHTML = html;
57
58 //slider
59
60 $(document).ready(function () {
61     let index = 0;
62     const slides = $('.service-slide');
63     const total = slides.length;
64
65     const dotsContainer = $('.service-dots');
66     const serviceItems = $('.services-list li');
67
68     // Create dots
69     slides.each(function (i) {
70         dotsContainer.append('<span class="service-dot" data-index="' + i + '></span>');
71     });
72
73     const dots = $('.service-dot');
74
75     function updateSlider() {
76         $('.services-track').css(
77             'transform',
78             `translateX(-${index * 100}%)`
79         );
80
81         // Update dots
82         dots.removeClass('active');
83         dots.eq(index).addClass('active');
84
85         // Update services list
86         serviceItems.removeClass('active');
87         serviceItems.eq(index).addClass('active');
88     }
89
90     // Initial state
91     updateSlider();
92
93     $('.service-btn.next').click(function () {
94         index = (index + 1) % total;
95         updateSlider();
96     });
97
98     $('.service-btn.prev').click(function () {
99         index = (index - 1 + total) % total;
100         updateSlider();
101     });
102
103     dots.click(function () {
104         index = $(this).data('index');
105         updateSlider();
106     });
107
108     serviceItems.click(function () {
109         index = $(this).data('index');
110         updateSlider();
111     });
112 });
```

WEB 1 > assets > js > JS main.js > ready() callback

```
114
115 //form
116 $(document).ready(function () {
117
118     const form = $('#signup-form');
119     const submitBtn = form.find('button[type="submit"]');
120
121
122     const nameRegex = /^[A-Za-zÀ-Ž\s]{2,}$/;
123     const emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]{2,}$/;
124     const phoneRegex = /^06[0-9+\s()-]{7,}$/;
125
126
127
128     function validateEvent(field){
129
130         const val = field.val();
131         const errorSpan = field.siblings('.input-error');
132         console.log(val);
133         if (val === "1") {
134             errorSpan.text('Please select event.');
```

```
            return false;
136         }
137         errorSpan.text('');
138         return true;
139     }
140
141     function validateField(field, regex, message) {
142         const val = field.val().trim();
143         const errorSpan = field.siblings('.input-error');
```

```

145         if (!val || (regex && !regex.test(val))) {
146             errorSpan.text(message);
147             return false;
148         } else {
149             errorSpan.text('');
150             return true;
151         }
152     }
153
154     function validateDate(field) {
155         const val = field.val();
156         const errorSpan = field.siblings('.input-error');
```

```

158         if (!val) {
159             errorSpan.text('Please select a date.');
```

```
            return false;
161         }
162
163         const selectedDate = new Date(val);
164         const today = new Date();
165         today.setHours(0, 0, 0, 0);
166
167         if (selectedDate < today) {
168             errorSpan.text('Date must be in the future.');
```

```
            return false;
170         }
171
172         errorSpan.text('');
173         return true;
174     }
175
176     function validateForm() {
```

WEB 1 > assets > js > JS main.js > ready() callback

```
116 $(document).ready(function () {
141     function validateField(field, regex, message) {
150         return true;
151     }
152 }
153
154 function validateDate(field) {
155     const val = field.val();
156     const errorSpan = field.siblings('.input-error');
157
158     if (!val) {
159         errorSpan.text('Please select a date.');
```

```
160         return false;
161     }
162
163     const selectedDate = new Date(val);
164     const today = new Date();
165     today.setHours(0, 0, 0, 0);
166
167     if (selectedDate < today) {
168         errorSpan.text('Date must be in the future.');
```

```
169         return false;
170     }
171
172     errorSpan.text('');
173     return true;
174 }
175
176 function validateForm() {
177     let valid = true;
178
179     valid &= validateField($('#first-name'), nameRegex, 'Please enter a valid first name');
180     valid &= validateField($('#last-name'), nameRegex, 'Please enter a valid last name.');
```

```
181     valid &= validateField($('#email'), emailRegex, 'Please enter a valid email address.');
```

```
182     valid &= validateField($('#phone'), phoneRegex, 'Please enter a valid phone number.');
```

```
183     valid &= validateField($('#people'), /^[1-9]\d*$/, 'Enter at least 1 person.');
```

```
184     valid &= validateDate($('#date'));
185     valid &= validateEvent($('#event'));
186
187
188     submitBtn.prop('disabled', !valid);
189
190     return valid;
191 }
192
193
194 form.find('input, select').on('input change', function () {
195     validateForm();
196 });
197
198
199 //validateForm();
200
201
202 form.on('submit', function (e) {
203     e.preventDefault();
204     if (validateForm()) {
205         alert('Reservation submitted successfully!');
```

```
206         this.submit();
207     }
208 });
209 });
210
```