

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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Smer: Internet Tehnologije

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:

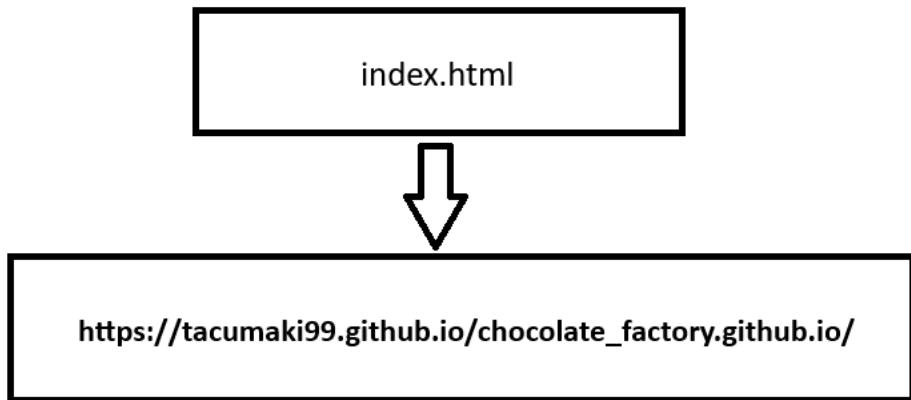
- Fiksirani navigacioni meni na vrhu stranice
- Dinamički ispisana lista produkta sa njihovim slikama i cenama
- Slider sa uslugama, prilikom otvaranja stranice na mobilnim uređajima navigacija se svodi na navigacione strelice umesto direktnog odabira usluga
- Forma koja dinamički proverava da li je 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

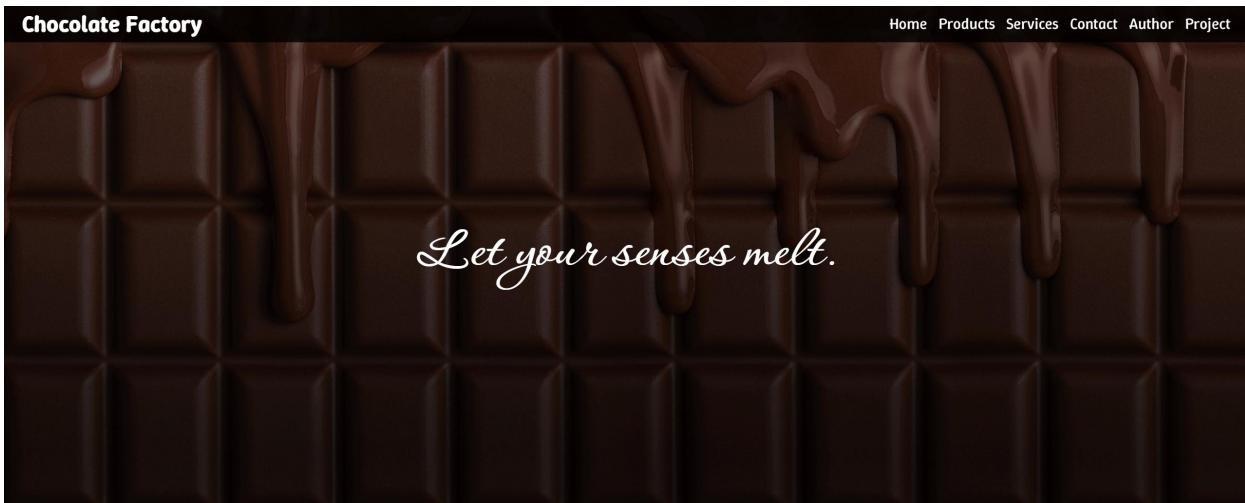


2.2 Mapa sajta

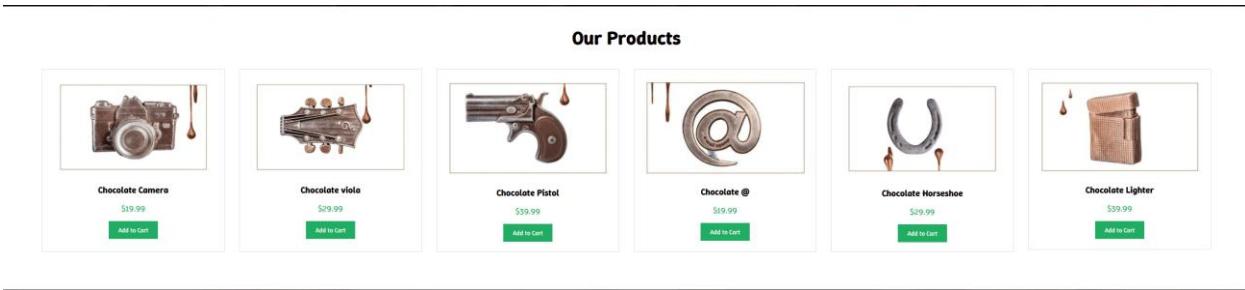
This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
▼<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>
```

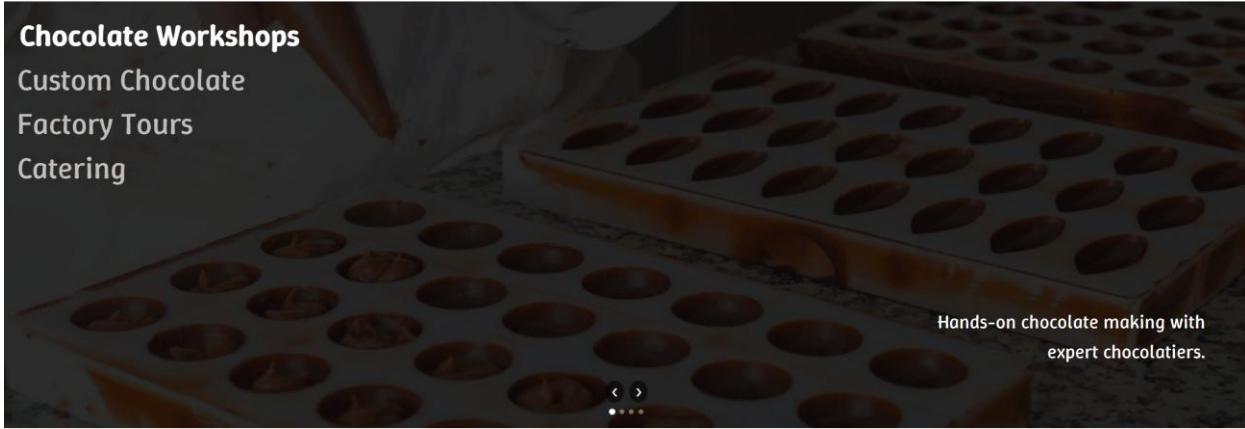
2.3 Slike stranica i opis funkcionalnosti



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

E-mail
 Phone

Event
Number of People

Select an event

Preferred Date

Reserve Now

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, Zemunski Grammar School and Music School "Stanković". In spare time I play the trumpet and practice karate.

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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=Wink+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>-->
68       <!--div class="product-holder">
69         <!--div class="product-card">
70           
71           <h3>Chocolate Phone</h3>
72           <p class="price">$29.99</p>
73           <button type="button">Add to Cart</button>
74         </div>
75       </div>
76     </section>
```

```
59      <div class="product-card">
60          
61          <h3>Chocolate Watch</h3>
62          <p class="price">$39.99</p>
63          <button type="button">Add to Cart</button>
64      </div>-->
65  </div>
66 </section>
67
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
86                  <p>Hands-on chocolate making with expert chocolatiers.</p>
87
88          </div>
89
90          <div class="service-slide slide-2">
91              <div class="service-content">
92                  <p>Personalized chocolate creations for any occasion.</p>
93
94          </div>
95
96          <div class="service-slide slide-3">
97              <div class="service-content">
98                  <p>Discover how fine chocolate is crafted.</p>
99
100         </div>
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
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
114     </div>
115
116 </div>
117 </section>
```

```
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                <div class="form-group">
152                    <label for="event">Event</label>
153                    <select id="event" name="event" required>
154                        <option value="1">Select an event</option>
155                        <option value="workshop">Chocolate Workshop</option>
156                        <option value="tour">Factory Tour</option>
157                        <option value="corporate">Catering</option>
158                        <option value="custom">Custom Experience</option>
159                    </select>
160                    <span class="input-error"></span>
161                </div>
162
163                <div class="form-group">
164                    <label for="people">Number of People</label>
165                    <input type="number" id="people" name="people" min="1" max="20" required>
166                    <span class="input-error"></span>
167                </div>
168
169                <div class="form-group">
170                    <label for="date">Preferred Date</label>
171                    <input type="date" id="date" name="date" required>
172                    <span class="input-error"></span>
173                </div>
174
175            <div class="form-error" id="form-error"></div>
176            <button type="submit" class="button" disabled>Reserve Now</button>
177        </form>
178    </section>
179    <section id="author">
180        <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 | Zemunski Grammar School and Music School "Stanković". 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/BIHPThkBvs0OEvtFFmqPF/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: □rgba(0, 0, 0, 0.8);
24   color: ■#fff;
25   position: fixed;
26   z-index: 3;
27 }
28
29 .title {
30   font-size: 48px;
31 }
32
33 .nav a {
34   color: ■#fff;
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: ■rgb(255, 204, 0);
47 }
48
49 #products,
50 #services,
51 #contact {
52   scroll-margin-top: 6vh;
53 }
54
55 #product-overview {
56   background: linear-gradient(to top, □rgba(0, 0, 0, 0.6) 10%, transparent),
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  #product-overview h2 {
67    color: ■white;
68    font-family:'Corinthia', sans-serif;
69    position: absolute;
70    font-size: 8rem;
71  }
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 .service-content p {
196   font-size: 2.5rem;
197   line-height: 1.6;
198 }
199
200 @media (max-width: 600px) {
201   .services-list{
202     display: none;
203   }
204
205   .service-content p {
206     font-size: 1.5rem;
207     line-height: 1.6;
208   }
209 }
210
211 .service-controls {
212   position: absolute;
213   bottom: 30px;
214   left: 50%;
215   transform: translateX(-50%);
216   display: flex;
217   align-items: center;
218   gap: 1rem;
219   z-index: 2;
220 }
221
222 .service-btn {
223   position: absolute;
224   transform: translateY(-50%);
225   background: □rgba(0,0,0,0.6);
226   color: ■#ffff;
227   border: none;
228   border-radius: 50%;
229   font-size: 1.5rem;
230   padding: 0.4rem 0.8rem;
231   cursor: pointer;
232   z-index: 2;
233   bottom:5%;
234 }
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 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 .input-error {
386   color: red;
387   font-size: 0.85rem;
388   margin-top: 0.25rem;
389   display: block;
390   min-height: 1rem;
391 }
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  .about_author__name {
472    margin: 0.2rem;
473    font-size: 4rem;
474  }
475
476  .about_author__subtitle {
477    margin: 0;
478    font-size: 3rem;
479    color: #ccc;
480  }
481
482
483  .about_author__text {
484    margin: 0.2rem;
485  }
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});
113
114
```

```
WEB 1 > assets > js > js main.js > ready() callback
114
115 //form
116 $(document).ready(function () {
117
118     const form = $('.signup-form');
119     const submitBtn = form.find('button[type="submit"]');
120
121
122     const nameRegex = /^[A-Za-zA-Z\s'-]{2,}$/;
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.');
135             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');
144
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');
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         const errors = 0;
```

```
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
```