

Visoka skola strukovnih studija za informacione i komunikacione
tehnologije

Dokumentacija

<https://novakovicn.github.io/Off-Road/>

Predmet: Web programiranje 1

Nikola Novaković 273/19

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UVOD

1.1 Korišćeni programski jezici I programi

- HTML/HTML5
- CSS/CSS#
- JavaScript
- JQuery
- Visual Studio Code
- PhotoShop

1.2 Opis funkcionalnosti

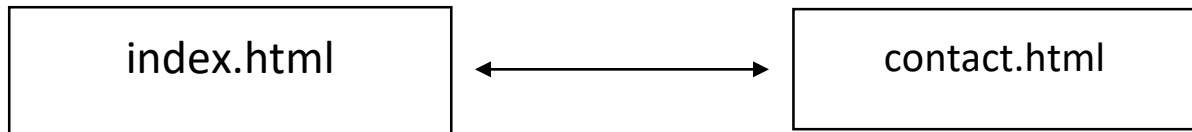
- Navigacioni meni I footer koji se dinamički ispisuju podacima iz JavaScript-a
- Slider sa slikama koje se smenjuju na svakih 5 sekundi napravljen u JavaScript-u sa dugmicima za kretanje napred nazad
- Dinamičko ispisivanje proizvoda I njihovih slika podacima iz JavaScript-a
- Prelaskom miša preko slike proizvoda pomoću JQuery-ija pojavljuje se dva tastera za dodatne opcije
- Klikom na dugme u donjem desnom uglu vraća se na početak stranice uz animaciju koja traje 800ms. Efekat skrola urađen u JQuery-ju
- Mogućnost filtriranja proizvoda na sajtu klikom na određenu kategoriju. Urađeno u JavaScript-u
- U delu sajta Contact pomoću regularnih izraza vrši se provera unetog sadržaja

1.3 Template

Za izradu sajta nije korišćen ni jedan gotovi template.
Slike sa kodom priložene.

2. Organizacija

2.1 Organizacija



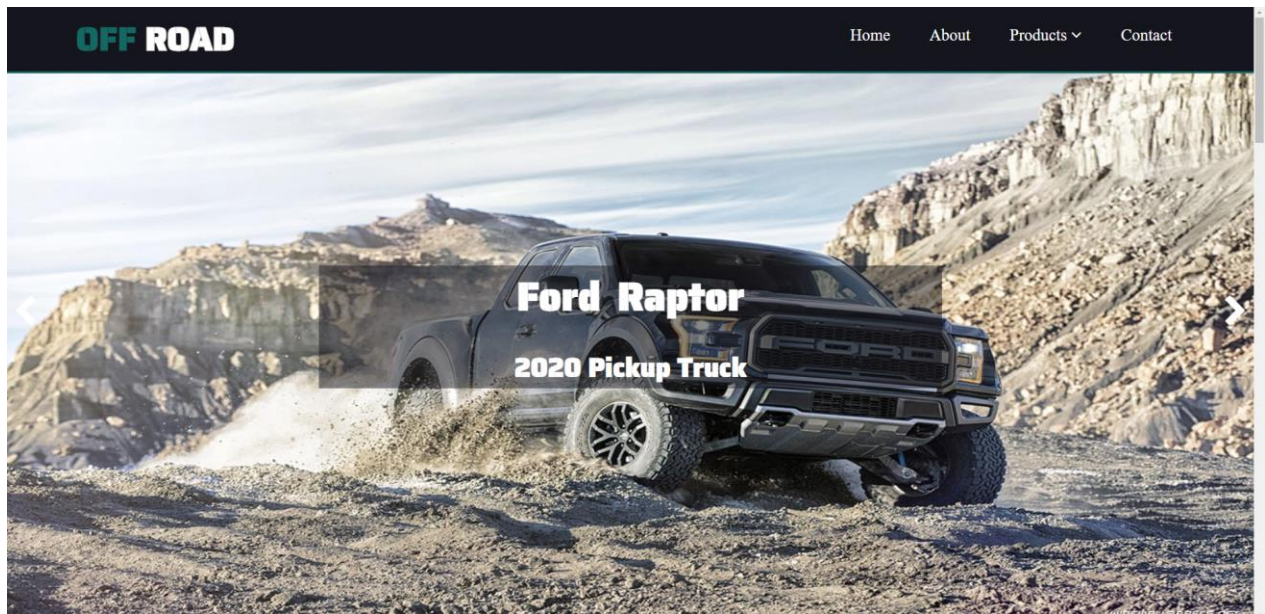
Mapa sajta

```
OffRoad > sitemap.xml
1  <?xml version="1.0"?>
2  <urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
3      <url>
4          <loc>https://Off-Road.io/novakovic.nikola/index.html</loc>
5          <lastmod>2020-12-11</lastmod>
6          <changefreq>weekly</changefreq>
7          <priority>1</priority>
8      </url>
9      <url>
10         <loc>https://Off-Road.io/novakovic.nikola/contact.html</loc>
11         <lastmod>2020-12-11</lastmod>
12         <changefreq>yearly</changefreq>
13         <priority>0.4</priority>
14     </url>
15 </urlset>
```

2.2 Slike stranica I opis funkcionalnosti

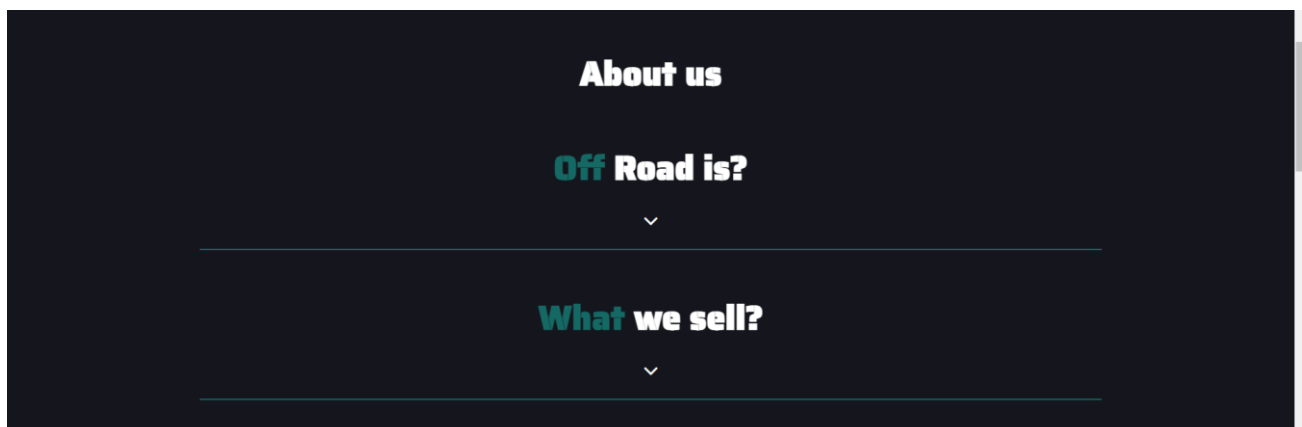
U nastavku će bit priložen screenshot I kratak opis zvaku logičnu celinu sajta.

2.2.1 Home-index.html



U ovom delu sajta se nalazi navigacioni meni čiji se članovi dinamički ispisuju na osnovu podataka iz JavaScript-a. Ispod menija se nalazi slider sa slikama koje se menjaju na svakih 5 sekundi.

2.2.2 About-index.html



U ovom delu sajta se nalaze tekstovi sa informacijama o temi sajta. Klikom na strelicu na dole ili na neki od naslova pomoću JQuery-ija otvara se dodatni tekst sa još informacijama.

2.2.3 Best Sellers-index.html

Best sellers



Cooper
Discoverer All-
Season
190\$



Roof Rack
90\$



BFGoodrich
Mud-Terrain
T/A KM3
230\$



Tow Rope
30\$

U ovom delu sajta se nalaze najprodavaniji proizvodi. Proizvodi se dinamički ispisuju na osnovu podataka iz JavaScript-a. Prelaskom miša preko slike proizvoda jQuery animacijom se pojavljuju dva tastera: Details i Buy Now.

2.2.4 Off Road Products-index.html

Off Road Products

All

Tire

Accessories



Electric Winch
160\$



BFGoodrich Mud-
Terrain T/A KM2
200\$



BFGoodrich Mud-
Terrain T/A KM3
230\$



Cooper Discoverer
All-Season
190\$



Tow Rope
30\$



Towing Hook
70\$



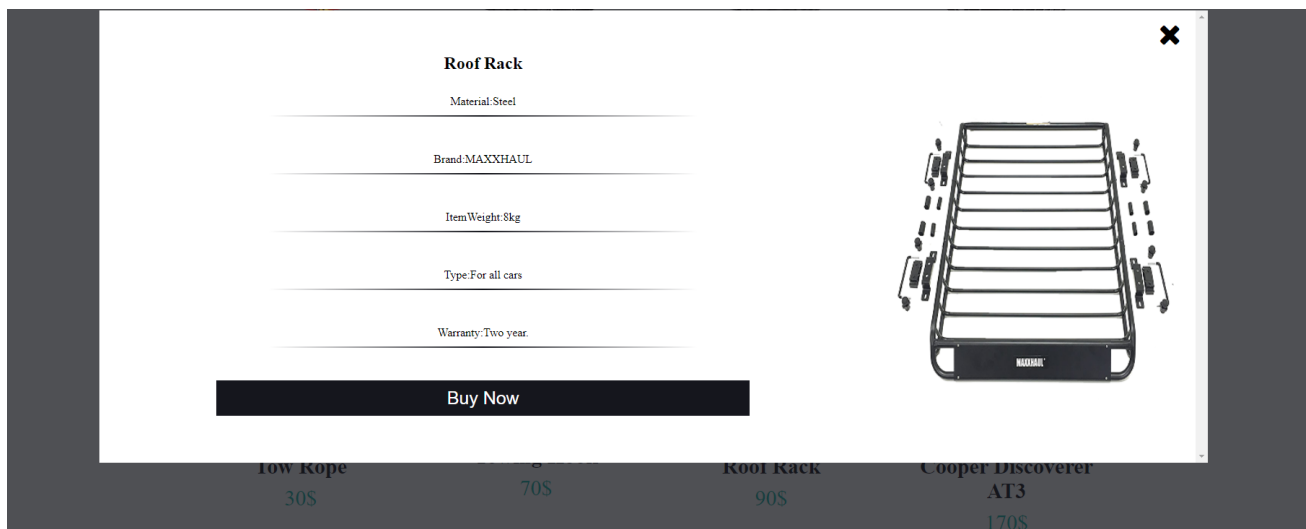
Roof Rack
90\$



Cooper Discoverer
AT3
170\$

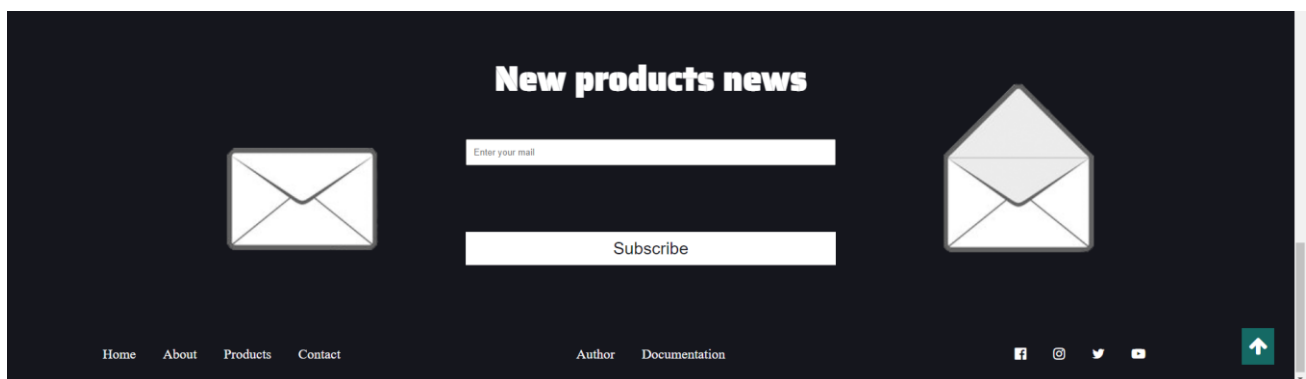


U ovom delu sajta se nalaze svi proizvodi u ponudi sajta. Proizvodi se dinamički ispisuju na osnovu podataka iz JavaScript-a. Iznad se nalaze opcije za filtriranje sadržaja, filtriranje je urađeno pomoću JavaScripta. Prelaskom miša preko slike proizvoda jQuery animacijom se pojavljuju dva tastera: Details i Buy Now, kao i strelica kojim pritiskom idete na početak strane.



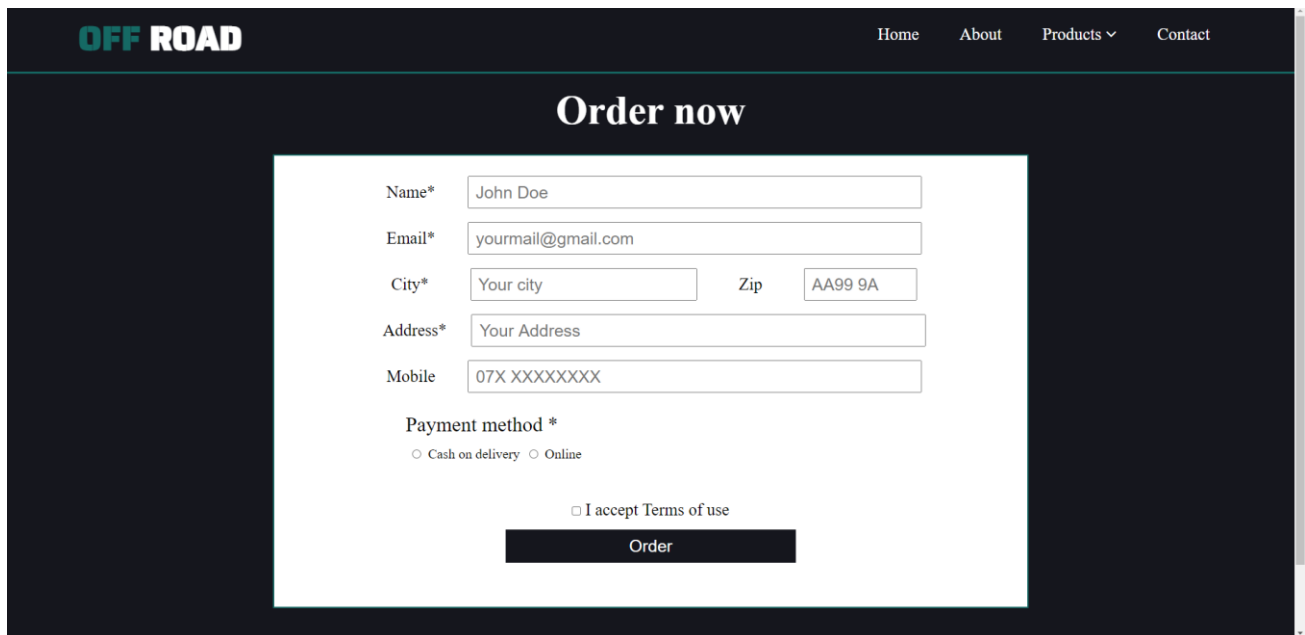
Klikom na dugme Details ili klikom na sliku proizvoda preko postojeće strane se otvara prozor gde se dinamički ispisuju detalji i slika datog proizvoda. Klikom na taster Buy Now korisnik se odlazi na stranicu contact.html.

2.2.5 Contact-index.html



U ovom delu sajta se nalaze: forma sa prijavjivanjem na obaveštenja sajta, gde se je potrebno uneti svoju email adresu. Email adresa se proverava pomoću regularnih izraza. Tu je i footer sa linkovima ka svim delovima sajta i nalogima sajta na društvenim mrežama.

2.2.6 contact.html



The screenshot shows a web page for 'OFF ROAD' with a dark blue header. The header contains the logo 'OFF ROAD' on the left and navigation links 'Home', 'About', 'Products', and 'Contact' on the right. The main content area is a dark blue rectangle with the title 'Order now' in white. Centered within this area is a white rectangular form. The form contains the following fields and elements: 'Name*' with the value 'John Doe'; 'Email*' with the value 'yourmail@gmail.com'; 'City*' with the value 'Your city' and 'Zip' with the value 'AA99 9A'; 'Address*' with the value 'Your Address'; and 'Mobile' with the value '07X XXXXXXXX'. Below these fields is the 'Payment method *' section with two radio buttons: 'Cash on delivery' and 'Online'. At the bottom of the form is a checkbox labeled 'I accept Terms of use' and a black button with the text 'Order'.

Na stranici contact.html se nalazi forma za naručivanje proizvoda gde je potrebno pravilno popuniti formu. Unos korisnika se proverava pomoću regularnih izraza u JavaScript-u. Ukoliko nešto nije dobro uneto, klikom na taster Order, oko tih polja se postavlja zelena bordura i u dnu forme se ispisuje upozorenje. Kada je sav sadržaj pravilno unesen zelene bordure se sklanjaju i dnu forme se ispisuje poruka da je porudžbina uspešna.

3.Kodovi

3.1 HTML

3.1.1 index.html

```

OffRoad > index.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8" />
5      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6      <meta http-equiv="X-UA-Compatible" content="ie=edge" />
7      <meta name="description" content="OFF ROAD best tire and all for off road.Top company distributor and seller in Europe supplier of Tire and Towing Hooks, Ropes, Electric Winch and I
8      <meta name="keywords" content="OffRoad,tires,ropes,winch,RoofRack" />
9      <title>OFF ROAD</title>
10     <link rel="stylesheet" href="assets/css/style.css" type="text/css" />
11     <link rel="stylesheet" href="assets/css/queries.css" type="text/css" />
12     <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css" />
13     <link href="assets/images/ikonica.png" rel="shortcut icon" />
14 </head>
15 <body>
16     <header>
17         <div id="scrollTop"><i class="fa fa-arrow-up"></i></div>
18         <nav>
19             <div id="logo">
20                 <h1><span id="greenHeading">OFF</span> ROAD</h1>
21             </div>
22             <div id="responsive"><i class="fa fa-navicon"></i></div>
23             <div id="nav">
24                 <ul id="menu"></ul>
25             </div>
26         </nav>
27         <section id="slider">
28             <span id="next"><i class="fa fa-chevron-right"></i></span>
29             <span id="prev"><i class="fa fa-chevron-left"></i></span>
30             <div id="slideImg">
31                 <div class="message">
32                     <h1></h1>
33                     <h2></h2>
34                 </div>
35             </div>
36         </section>
37     </header>
38     <main>
39         <section id="about">
40             <article id="textAbout">
41                 <h2>About us</h2>
42             </article>
43         </section>
44         <section id="bestSellers">
45             <h2>Best sellers</h2>
46             <div id="wrapper"></div>
47         </section>
48         <section id="products">
49             <h2>Off Road Products</h2>
50             <button class="filterbtn filterActive" id="filterAll">All</button>
51             <button class="filterbtn" id="filterTire">Tire</button>
52             <button class="filterbtn" id="filterWheel">Accessories</button>
53             <div id="wrapperProduct"></div>
54         </section>
55         <section id="contact">
56             <article id="newsletter">
57                 <h2>New products news</h2>
58                 <form action="" method="GET" name="newsletter">
59                     <input type="text" id="mail" name="mail" placeholder="Enter your mail"><br/>
60                     <span id="newsMessage"></span><br/>
61                     <input type="button" id="sign" value="Subscribe"/>
62                 </form>
63             </article>
64         </section>
65     </main>
66     <footer>
67
68     </footer>
69     <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
70     <script src="assets/js/main.js"></script>
71 </body>
72 </html>

```

3.1.2 contact.html

```

OffRoad > <> contact.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8" />
5      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6      <meta http-equiv="X-UA-Compatible" content="ie=edge" />
7      <meta name="description" content="OFF ROAD best tire and all for off road.Top company distributor and seller in Europe supplier of Tire and Towing Hooks, Ropes, Electric Winch and
8      <meta name="keywords" content="off road,order,payment,card,pay" />
9      <title>OFF ROAD</title>
10     <link rel="stylesheet" href="assets/css/style.css" type="text/css" />
11     <link rel="stylesheet" href="assets/css/queries.css" type="text/css" />
12     <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/font-awesome@4.7.0/css/font-awesome.min.css" />
13     <link href="assets/images/ikonica.png" rel="shortcut icon" />
14 </head>
15 <body>
16     <nav>
17         <div id="logo">
18             <h1><span id="greenHeading">OFF</span> ROAD</h1>
19         </div>
20         <div id="responsive"><i class="fa fa-navicon"></i></div>
21         <div id="nav">
22             <ul id="menu"></ul>
23         </div>
24     </nav>
25     <main id="order">
26         <h2>Order now</h2>
27         <section id="orderForm">
28             <form action="" method="GET" name="orderForm" id="form">
29                 <div class="personalInfo">
30                     <label for="fullName">Name<span class="required">*</span></label>
31                     <input type="text" name="fullName" id="fullName" placeholder="John Doe"/>
32                 </div>
33                 <div class="personalInfo">
34                     <label for="mail">Email<span class="required">*</span></label>
35                     <input type="text" name="mail" id="mail" placeholder="yourmail@gmail.com"/>
36                 </div>
37                 <div class="personalInfo">
38                     <label for="city">City<span class="required">*</span></label>
39                     <input type="text" name="city" id="city" placeholder="Your city"/>
40                     <label for="zip">Zip</label>
41                     <input type="text" name="city" id="zip" placeholder="AA99 9A"/>
42                 </div>
43                 <div class="personalInfo">
44                     <label for="address">Address<span class="required">*</span></label>
45                     <input type="text" name="address" id="address" placeholder="Your Address" />
46                 </div>
47                 <div class="personalInfo">
48                     <label>Mobile</label>
49                     <input type="text" name="mob1" class="mobile" placeholder="07X XXXXXXXX"/>

```

```

OffRoad > <> contact.html > ...
47     <div class="personalInfo">
48         <label>Mobile</label>
49         <input type="text" name="mob1" class="mobile" placeholder="07X XXXXXXXX"/>
50     </div>
51     <div id="pay">
52         <div>
53             <span>Payment method <span class="required">*</span></span><br/>
54             <input type="radio" name="paymethod" id="cod" /><label for="cod">Cash on delivery</label>
55             <input type="radio" name="paymethod" id="card" /><label for="card">Online</label>
56         </div>
57         <div id="additional">
58             <select name="creditCard" id="creditCard"></select>
59             <label for="cardNumber">Card number</label>
60             <input type="text" id="cardNumber" name="cardNumber" placeholder="XXXX XXXX XXXX XXXX"/>
61         </div>
62     </div>
63     <div id="finish">
64         <input type="checkbox" name="terms" id="terms" />
65         <label for="terms">I accept Terms of use</label><br/>
66         <p>Please accept Terms of use</p>
67         <button type="button" id="submit">Order</button>
68     </div>
69     <div id="finishMessage">
70         <h2></h2>
71     </div>
72 </form>
73 </section>
74 </main>
75 <footer>
76
77 </footer>
78 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
79 <script src="assets/js/main.js"></script>
80 </body>
81 </html>

```

3.2 CSS

3.2.1 style.scss

```

OffRoad > assets > css > style.scss > ...
1  @import url("https://fonts.googleapis.com/css2?family=Saira+Stencil+One&display=swap");
2  $color1: #212229;
3  $color2: #16105,100;
4  $white: #fff;
5
6  *{
7      margin: 0px;
8      padding: 0px;
9      box-sizing: border-box;
10 }
11 @mixin flex {
12     display: flex;
13     flex-flow: row wrap;
14     justify-content: space-around;
15 }
16 @mixin button {
17     font-size: 25px;
18     background-color: $color1;
19     color: $white;
20     width: 100%;
21     margin: 5px 0px;
22     border: none;
23     padding: 10px;
24     &:hover{
25         background-color: $color2;
26     }
27 }
28 @mixin headingFont {
29     font-family: 'Saira Stencil One', cursive;
30 }
31 @mixin headingSize{
32     font-size: 50px;
33 }
34 a{
35     text-decoration: none;
36 }
37 ul{
38     list-style-type: none;
39 }
40 img{
41     width: 100%;
42 }
43 .bodyActive{
44     background-color: rgba($color1,0.5);
45     overflow: hidden;
46 }
47 #scrollTop{
48     position: fixed;
49     bottom: 30px;
50     right: 30px;

```

```

51     background: $color2;
52     color: $white;
53     padding: 10px;
54     display: none;
55     z-index: 997;
56     font-size: 30px;
57 }
58 #coverDiv{
59     position: fixed;
60     width: 100%;
61     height: 100%;
62     z-index: 998;
63     top: 0;
64     left: 0;
65     background-color: rgba($color1,0.5);
66 }
67 nav{
68     @include flex;
69     width: 100%;
70     background-color: $color1;
71     border-bottom: 3px solid $color2 ;
72 }
73 #nav{
74     width: 50%;
75     text-align: right;
76 }
77 #logo{
78     width: 30%;
79     padding: 10px;
80     color: $white;
81 }
82 h1{
83     @include headingSize;
84     @include headingFont;
85 }
86 }
87 #greenHeading{
88     color: $color2;
89     text-transform: uppercase;
90 }
91 #menu li{
92     display: inline-block;
93     padding: 30px;
94     position: relative;

```

OffRoad > assets > css > style.scss > ...

```

91 #menu li{
92   display: inline-block;
93   padding: 30px;
94   position: relative;
95   a{
96     color: $white;
97     font-size: 25px;
98     font-family: 'Prata', serif;
99     &::after{
100       content: "";
101       display: block;
102       width: 0;
103       background: $color2;
104       height: 2px;
105       transition: .5s;
106     }
107     &:hover::after{
108       width: 100%;
109     }
110   }
111 }
112 #responsive{
113   color: $white;
114   display: none;
115   text-align: right;
116   padding: 10px 0px;
117   i{
118     font-size: 30px;
119   }
120 }
121 }
122
123 #podmeni{
124   position: absolute;
125   width: 100%;
126   display: none;
127   left: 0;
128   background: $color1;
129   text-align: center;
130   z-index: 100;
131 }
132 //Slider
133 #slider{
134   position: relative;
135   width: 100%;
136   background: $color1;
137 }
138 #next, #prev{

```

OffRoad > assets > css > style.scss > ...

```

138 #next, #prev{
139   position: absolute;
140   color: $white;
141   font-size: 50px;
142   z-index: 100;
143   top: 40%;
144 }
145 #next{
146   right: 10px;
147 }
148 #prev{
149   left: 10px;
150 }
151 #slideImg{
152   position: relative;
153 }
154 .message{
155   @include headingFont;
156   background-color: rgba($color1, 0.5);
157   position: absolute;
158   width: 50%;
159   top: 35%;
160   text-align: center;
161   left: 0;
162   color: $white;
163   z-index: 2;
164   right: 0;
165   margin: 0px auto;
166   h1{
167     font-size: 60px;
168     margin-bottom: 30px;
169   }
170   word-spacing: 10px;
171 }
172 h2{
173   font-size: 40px;
174 }
175 }
176 .slideFade{
177   animation: fade .8s ease-in-out;
178 }
179 .slideMessage{
180   animation: slide 1.5s;
181 }
182 @keyframes fade{
183   0%{
184     opacity: 0;
185   }
186   100%{

```

```

OffRoad > assets > css > styles.scss > ...
181 }
182 @keyframes fade{
183   0%{
184     opacity: 0;
185   }
186   100%{
187     opacity: 1;
188   }
189 }
190 @keyframes slide{
191   0%{
192     top:-100%;
193   }
194   100%{
195     top:35%;
196   }
197 }
198 //About
199 #about{
200   background-color: $color1;
201   color:$white;
202   padding:30px 0px;
203 }
204
205 #textAbout{
206   width: 70%;
207   margin:0px auto;
208   h2{
209     @include headingSize;
210     @include headingFont;
211     text-align: center;
212     margin:20px 0px;
213   }
214   p{
215     font-size:25px;
216     padding:20px;
217     text-align: justify;
218   }
219   img{
220     display: none;
221   }
222 }
223 .textAbout{
224   padding:20px;
225   position: relative;
226   margin:20px 0px;
227   border-bottom:2px solid $color2;
228   p{
229     font-size:25px;

```

```

OffRoad > assets > css > styles.scss > ...
227   border-bottom:2px solid $color2;
228   p{
229     font-size:25px;
230     text-align: justify;
231     display: none;
232   }
233   h2{
234     font-size:35px;
235     cursor: pointer;
236   }
237 }
238 .plus{
239   text-align: center;
240   display: block;
241   font-size:35px;
242   transition: .5s;
243   cursor: pointer;
244   -webkit-tap-highlight-color: rgba(0,0,0,0);
245 }
246 .plusActive{
247   transform: rotate(-180deg);
248 }
249 .colorHeading{
250   color:$color2;
251 }
252 //Best Sellers
253 #bestSellers{
254   text-align: center;
255   padding: 20px;
256   margin:20px 0px;
257   h2{
258     @include headingSize;
259     @include headingFont;
260     color:$color1;
261   }
262 }
263 #wrapper{
264   @include flex;
265   padding:20px;
266   margin:20px auto;
267   width:70%;
268 }
269 .bestSeller{
270   width:20%;
271   color:$color1;
272   position: relative;
273   cursor: pointer;
274   padding:20px;
275   h3{
276     font-size: 20px;

```

```

OffRoad > assets > css > style.scss > ...
274 padding:20px;
275 h3{
276     font-size: 30px;
277 }
278 span{
279     color:$color2;
280     font-size:30px;
281     display: block;
282     margin-top:10px;
283 }
284 a{
285     color: $color1;
286     display: inline;
287 }
288 }
289 .options{
290     margin-top:10px;
291     opacity: 0;
292     padding:10px;
293     transition: .5s;
294     border-top:1px solid rgba($color1,0.5);
295     button{
296         @include button;
297     }
298 }
299 .optionsOpacity{
300     opacity: 1;
301 }
302 .buynow{
303     @include button;
304 }
305 //Products
306 #products{
307     text-align: center;
308     margin:30px 0px;
309     h2{
310         @include headingSize;
311         @include headingFont;
312     }
313 }
314 #wrapperProduct{
315     @extend #wrapper;
316 }
317 .filterbtn{
318     display: inline-block;
319     padding:20px;
320     border:2px solid $color1;
321     background-color: transparent;
322     outline: none;

```

```

OffRoad > assets > css > style.scss > ...
316 }
317 .filterbtn{
318     display: inline-block;
319     padding:20px;
320     border:2px solid $color1;
321     background-color: transparent;
322     outline: none;
323     border: 2px solid $color1;
324     margin:30px 20px;
325     font-size:25px;
326     transition: .5s;
327     width: 20%;
328 }
329 .filterActive{
330     background:$color2;
331     color:$white;
332 }
333 .fixedDiv{
334     @include flex;
335     position: fixed;
336     width: 80%;
337     background-color: $white;
338     left:0;
339     max-height: 100%;
340     right:0;
341     overflow-y: scroll;
342     margin: 0px auto;
343     z-index: 999;
344     top:5%;
345 }
346 .product{
347     @extend .bestSeller;
348     width:22%;
349     cursor: pointer;
350 }
351 .detailImg{
352     width:30%;
353     padding:30px;
354     justify-content: center;
355     display: flex;
356     align-items: center;
357 }
358 .detailName{
359     width:50%;
360     text-align: center;
361     padding:30px 10px;
362     margin:30px auto;
363     ul li{

```

```

OffRoad > assets > css > style.scss > ...
363     margin: 20px auto;
364     ul li{
365         text-align: center;
366         margin: 20px auto;
367         padding: 10px 0px;
368         //border-bottom: 2px solid $color1;
369         &::after{
370             content: '';
371             display: block;
372             width: 80%;
373             margin: 10px auto;
374             //background-image: linear-gradient(red, yellow);
375             background-image: linear-gradient(to left, $white, $color1, $white);
376             height: 2px;
377         }
378     }
379     //Contact
380     #contact{
381         background: {
382             image: url("../images/newsletter.png");
383             size: cover;
384             position: center;
385         };
386         padding: 40px;
387     }
388     #newsletter{
389         width: 60%;
390         text-align: center;
391         margin: 20px auto;
392         color: $white;
393         h2{
394             font-size: 50px;
395             @include headingFont;
396         }
397         input{
398             padding: 10px;
399             width: 50%;
400             margin: 50px auto;
401             margin-bottom: 20px;
402         }
403     }
404     #sign{
405         @include button;
406         width: 20%;
407         background-color: $white;
408         color: $color1;
409         margin: 30px 0px;
410     }

```

```

OffRoad > assets > css > style.scss > ...
404     }
405     #sign{
406         @include button;
407         width: 20%;
408         background-color: $white;
409         color: $color1;
410         margin: 30px 0px;
411     }
412     #newsMessage{
413         font-size: 25px;
414     }
415     //Footer
416     footer{
417         @include flex;
418         background-color: $color1;
419         align-items: center;
420     }
421     #footnav, .social{
422         width: 30%;
423         color: $white;
424         text-align: center;
425         padding: 20px;
426         border: none;
427         li{
428             display: inline-block;
429             padding: 20px;
430             a{
431                 color: $white;
432                 font-size: 20px;
433             }
434         }
435     }
436     //Order form
437     #order{
438         background-color: $color1;
439         padding: 20px;
440         h2{
441             font-size: 60px;
442             text-align: center;
443             color: $white;
444         }
445         select, textarea, input{
446             padding: 0px 10px;
447             outline: none;
448         }
449     }
450     #orderForm{
451         width: 60%;

```


OffRoad > assets > css > style.scss > ...

```

450 #orderForm{
451   width:60%;
452   background: $white;
453   margin: 30px auto;
454   border: 2px solid $color2;
455   padding: inherit;
456 }
457 .personalInfo{
458   margin:0px auto;
459   width:80%;
460   padding:10px;
461   @include flex;
462   input{
463     font-size: 25px;
464     width:80%;
465   }
466   label{
467     font-size:25px;
468     padding:10px;
469   }
470 }
471 #city{
472   width:40%;
473 }
474 #zip{
475   width:20%;
476 }
477 #pay{
478   width:80%;
479   margin:0px auto;
480   padding:20px;
481   @include flex;
482   span{
483     font-size:30px;
484   }
485   label{
486     font-size:20px;
487   }
488   input{
489     margin:20px 10px;
490   }
491 }
492 .pay{
493   border: 2px solid $color2;
494 }
495 #additional{
496   padding: 15px 0px;
497   select,input{
498     padding:10px;

```

OffRoad > assets > css > style.scss > ...

```

495 #additional{
496   padding: 15px 0px;
497   select,input{
498     padding:10px;
499   }
500 }
501 .close{
502   position: absolute;
503   top:10px;
504   cursor: pointer;
505   font-size:40px;
506   right:20px;
507 }
508 #add{
509   @include button;
510   width: 25%;
511   margin:0px auto;
512 }
513 .hide{
514   visibility: hidden;
515 }
516 #finish{
517   text-align: center;
518   font-size:25px;
519   button{
520     @include button;
521     width:40%;
522     margin-top: 15px;
523   }
524   p{
525     display: none;
526     color:$color2;
527   }
528 }
529 .inputError{
530   border: 3px solid $color2;
531 }
532 .reqgreen{
533   color:$color2;
534   margin-left:5px;
535 }
536 #finishMessage{
537   padding:20px;
538   h2{
539     font-size:30px;
540     color: $white;
541   }
542 }
543 .finishCorrect{

```

```

OffRoad > assets > css > style.scss > ...
528 }
529 .inputError{
530   border: 3px solid $color2;
531 }
532 .reqgreen{
533   color:$color2;
534   margin-left:5px;
535 }
536 #finishMessage{
537   padding:20px;
538   h2{
539     font-size:30px;
540     color: $white;
541   }
542 }
543 .finishCorrect{
544   background-color: #73ff38;
545 }
546 .finishWrong{
547   background-color:$color2;
548 }

```

3.2.2 queries.scss

```

OffRoad > assets > css > queries.scss > {} @media screen and (min-width:1200px) and (max-width:1600px)
1  ✓ @media screen and (min-width:1200px) and (max-width:1600px){
2  ✓   .bestSeler,.product{
3  ✓     width: 25%;
4  ✓   }
5  ✓   .personalInfo{
6  ✓     width:100%;
7  ✓     margin:10px auto;
8  ✓   }
9  ✓   #footnav{
10 ✓     width:40%;
11 ✓   }
12 ✓ }
13 ✓ @media screen and (min-width:800px) and (max-width:1250px){
14 ✓   #menu li{
15 ✓     padding:30px 10px;
16 ✓     a{
17 ✓       font-size:22px;
18 ✓     }
19 ✓   }
20 ✓   .message{
21 ✓     width: 80%;
22 ✓     h1{
23 ✓       font-size: 50px;
24 ✓     }
25 ✓     h2{
26 ✓       font-size: 40px;
27 ✓     }
28 ✓   }
29 ✓   #next,#prev{
30 ✓     font-size:35px;
31 ✓   }
32 ✓   //About
33 ✓   .textAbout{
34 ✓     padding: 10px;
35 ✓   }
36 ✓   .plus{
37 ✓     right:10px;
38 ✓     top:10px;
39 ✓   }
40 ✓   //Best Sellers
41 ✓   .bestSeler,.product{
42 ✓     width: 50%;
43 ✓     h3{
44 ✓       font-size:22px;
45 ✓     }
46 ✓   }
47 ✓   //Contact
48 ✓   #newsletter{
49 ✓     width:80%;

```

OffRoad > assets > css > queries.scss > {} @media screen and (min-width:1200px) and (max-width:1600px)

```

47 //Contact
48 #newsletter{
49     width:80%;
50
51     input{
52         width: 60%;
53     }
54     button{
55         width: 30%;
56     }
57 }
58 .fixedDiv{
59     top:5%;
60 }
61 //Details
62 .detailName{
63     width:100%;
64 }
65 .detailImg{
66     width: 50%;
67 }
68 //Order form
69 #orderForm{
70     width:100%;
71 }
72 .row{
73     text-align: center;
74     justify-content: center;
75 }
76 #pay{
77     padding:10px;
78     width:100%;
79     justify-content:center;
80     align-items: center;
81 }
82 #mob1,#mob2{
83     width:30%;
84 }
85 #cod,#card{
86     width:5%;
87 }
88 //Footer
89 #footnav,.social{
90     li{
91         padding: 5px;
92     }
93 }
94 .social{
95     margin-left:45px;

```

OffRoad > assets > css > queries.scss > {} @media screen and (min-width:1200px) and (max-width:1600px)

```

94     .social{
95         margin-left:45px;
96     }
97     //Order form
98 }
99 }
100 @media screen and (max-width:800px){
101     #scrollTop{
102         right:10px;
103         bottom:10px;
104     }
105     #logo{
106         width: 50%;
107         h1{
108             font-size:30px;
109         }
110     }
111     #responsive{
112         display: block;
113         width:40%;
114         padding-right: 20px;
115     }
116     #podmeni{
117         position: relative;
118     }
119     #menu{
120         display: none;
121         text-align: center;
122         li{
123             display: block;
124             padding: 10px;
125         }
126     }
127     #nav{
128         width: 100%;
129     }
130     #next,#prev{
131         font-size:25px;
132     }
133     .message{
134         width: 100%;
135         top:20%;
136         h1{
137             font-size:35px;
138         }
139         h2{
140             font-size: 25px;
141         }

```

OffRoad > assets > css > queries.scss > {} @media screen and (min-width:1200px) and (max-width:1600px)

```

143  @keyframes slide{
144      0%{
145          top:-100%;
146      }
147      100%{
148          top:20%;
149      }
150  }
151  //About
152  #textAbout{
153      width: 100%;
154      order:1;
155  }
156  .textAbout p{
157      word-wrap: break-word;
158      word-break: keep-all;
159      text-align: left;
160      font-size:22px;
161      //word-spacing: -5px;
162  }
163  .plus{
164      right:10px;
165  }
166  //Best Sellers
167  .bestSeller,.product{
168      width: 100%;
169      h3{
170          font-size:22px;
171      }
172  }
173  //Contact
174  #contact{
175      background-color: #15161d;
176      background-image: none;
177  }
178  #newsletter{
179      width:70%;
180      h2{
181          font-size:30px;
182      }
183      input{
184          width: 100%;
185      }
186      button{
187          width: 70%;
188      }
189  }

```

OffRoad > assets > css > queries.scss > {} @media screen and (min-width:1200px) and (max-width:1600px)

```

191  .fixedDiv{
192      top:5%;
193  }
194  .detailName{
195      width:100%;
196  }
197  .detailImg{
198      width: 100%;
199  }
200  //Footer
201  #footnav,.social{
202      width:100%;
203      li{
204          padding:10px;
205      }
206  }
207  //Order form
208  #orderForm{
209      width:100%;
210  }
211  #city,#zip{
212      width:100%;
213  }
214  #mob1,#mob2{
215      width:100%;
216  }
217  .personalInfo input{
218      width: 100%;
219  }
220  #finish{
221      button{
222          width:100%;
223      }
224  }
225  #pay{
226      width:100%;
227      padding:10px;
228  }
229
230  #creditCard{
231      width:100%;
232  }
233  #additional span{
234      margin:20px 0px;
235      text-align: center;
236  }
237  }
238  }
239  @media screen and (max-width:600px){

```

```

OffRoad > assets > css > queries.scss > {} @media screen and (min-width:1200px) and (max-width:1600px)
239 @media screen and (max-width:600px){
240     #logo{
241         width: 50%;
242         h1{
243             font-size:30px;
244         }
245     }
246     #responsive{
247         display: block;
248         width:40%;
249         padding-right: 20px;
250     }
251     #podmeni{
252         position: relative;
253     }
254     #menu{
255         display: none;
256         text-align: center;
257         li{
258             display: block;
259             padding: 5px;
260         }
261     }
262     #nav{
263         width: 100%;
264     }
265     #next,#prev{
266         font-size:25px;
267     }
268     .message{
269         display: none;
270     }
271     //About
272     #textAbout{
273         h2{
274             font-size:30px
275         }
276     }
277
278     .textAbout{
279         padding:10px;
280         p{
281             font-size: 20px;
282         }
283     }
284     .plus{
285         top:50%;
286     }
287     //Rest Sellers

```

```

OffRoad > assets > css > queries.scss > {} @media screen and (min-width:1200px) and (max-width:1600px)
288     .wrapper{
289         width:100%;
290     }
291     .bestSeller,.product{
292         width: 100%;
293         padding:0px;
294         h3{
295             font-size:22px;
296         }
297     }
298     .options{
299         padding:0px;
300         button{
301             font-size:20px;
302         }
303     }
304 }
305 //Products
306 #products h2{
307     font-size:35px;
308 }
309 .filterbtn{
310     width: 70%;
311     margin:30px auto;
312 }
313 #footnav li{
314     display: inline-block;
315     padding: 10px;
316 }
317 #finishMessage h2{
318     font-size: 20px;
319 }
320 }

```

3.3 JavaScript i jQuery

3.3.1 main.js

```

OffRoad > assets > js > JS mainjs > ready() callback > finishOrder
1  cument).ready(function(){
2    const loc=window.location.href;
3    navWrite(menu);
4    footWrite(menu);
5    socialWrite(additional);
6    socialWrite(social);
7    $("#menu li").on("click",function(){
8      $(this).find("ul").slideToggle();
9    });
10   $("#responsive").on("click",function(){
11     $("#menu").slideToggle();
12   });
13   //Sprecava da meni prilikom promene velicine browser-a ostane display:none
14   $(window).resize(function(){
15     if($(this).width()>800 && $("#menu").css("display")==="none"){
16       $("#menu").show();
17     }
18     if($(this).width()<800 && $("#menu").css("display")==="block"){
19       $("#menu").hide();
20     }
21   })
22
23   //Kod za contact.html stranu
24   if(loc.indexOf("contact.html")>-1){
25     //Objekti forme
26     const cardField=document.querySelector("#cardNumber");
27     const paymentRadioButtons=document.getElementsByName("paymethod");
28     const nameField=document.querySelector("#fullname");
29     const mailField=document.querySelector("#mail");
30     const cityField=document.querySelector("#city");
31     const termOfUse=document.querySelector("#terms");
32     const termsMessage=document.querySelector("#finish p");
33     const mobileFields=document.querySelectorAll(".mobile");
34     const pay=document.querySelector("#pay");
35     const zipField=document.querySelector("#zip");
36     const addressField=document.querySelector("#address");
37     const cards=["Visa","MasterCard","Discover"];
38     $("#cardNumber").addClass("hide");
39     $("#creditCard").addClass("hide");
40     $("#additional_label").addClass("hide");
41     for(let i=0;i<paymentRadioButtons.length;i++){
42       paymentRadioButtons[i].addEventListener("click",payMethods);
43     }
44     $("#submit").click(function(){
45       finishOrder();
46     });
47     $("#add").click(function(event){
48       event.preventDefault();
49     })
50     function nameConstraint(){
51       //Regex proverava ime i prezime(moguće imati više prezimena)
52       const nameRegex=/^[A-Z][a-z]{2,}(\s[A-Z][a-z]{3,})+$/;
53       if(nameRegex.test(nameField.value)){
54         nameField.classList.remove("inputError");
55         return 1;
56       }
57       else{
58         nameField.classList.add("inputError");
59         return 0;
60       }
61     }
62     function emailConstraint(){
63       //Regex proverava mejlove koji pripadaju gmail-u ili yahoo-u
64       const mailRegex=/^[a-z]\.\.\.\s[0-9]{5,}\s@(gmail|yahoo)\.com$/;
65       if(mailRegex.test(mailField.value)){
66         mailField.classList.remove("inputError");
67         return 1;
68       }
69       else{
70         mailField.classList.add("inputError");
71         return 0;
72       }
73     }
74     function cityConstraint(){
75       //Regex dozvoljava unos grada od dve reci sa pocetnim velikim slovom prve reci
76       const cityRegex=/^[A-Z][a-z]{2,}(\s[A-Z]{3,})*/;
77
78       if(cityRegex.test(cityField.value)){
79         cityField.classList.remove("inputError");
80         return 1;
81       }
82       else{
83         cityField.classList.add("inputError");
84         return 0;
85       }
86     }
87     function zipConstraint(){
88       //Regex proverava da li je kod unet u formatu AA9A 9AA ili A9 9AA
89       const zipRegex=/^[A-Z]{1,2}[0-9]{1,2}[A-Z]?[0-9]{1,2}[A-Z]{1,2}$/;
90
91       if(zipRegex.test(zipField.value)){
92         zipField.classList.remove("inputError");
93         return 1;
94       }

```

```

OffRoad > assets > js > JS main.js > ready() callback > finishOrder
91     if(zipRegex.test(zipField.value)){
92         zipField.classList.remove("inputError");
93         return 1;
94     }
95     else{
96         zipField.classList.add("inputError");
97         return 0;
98     }
99 }
100 function addressConstraint(){
101     const addressRegex=/^[A-Z][a-z]{3,}(\s[A-z0-9]{1,})*/$/;
102
103     if(addressRegex.test(addressField.value)){
104         addressField.classList.remove("inputError");
105         return 1;
106     }
107     else{
108         addressField.classList.add("inputError");
109         return 0;
110     }
111 }
112 function mobileConstraint(){
113     //Regex vrsi prvoeru za brojeve mobilnih telefona vazeci za Englesku
114     const mobileRegex=/^07[1-57-9]\s[0-9]{8,9}$/;
115     for(let i=0;i<mobileFields.length;i++){
116         if(mobileRegex.test(mobileFields[i].value)){
117             mobileFields[i].classList.remove("inputError");
118         }
119         else{
120             mobileFields[i].classList.add("inputError");
121             return 0;
122         }
123     }
124     return 1;
125 }
126 function payMethods(){
127     for(let i=0;i<paymentRadioButtons.length;i++){
128         if(paymentRadioButtons[i].checked){
129             const select=document.querySelector("#creditCard");
130             if(paymentRadioButtons[i].id=="card"){
131                 select.innerHTML=<option value="">Choose your credit card</option>
132                 for(let i of cards){
133                     select.innerHTML+=<option value=${i.toLowerCase()}>${i}</option>
134                 }
135                 select.addEventListener("change",creditCard);
136                 select.classList.remove("hide");
137             }
138             else{
139                 select.classList.add("hide");

```

```

OffRoad > assets > js > JS main.js > ready() callback > finishOrder
137     }
138     else{
139         select.classList.add("hide");
140         document.querySelector("#cardNumber").classList.add("hide");
141         document.querySelector("#additional_label").classList.add("hide");
142     }
143 }
144 }
145 }
146 function payConstraint(){
147     const cardNumberRegex=/^[0-9]{4}\s{3}[0-9]{4}$/;
148     for(let i=0;i<paymentRadioButtons.length;i++){
149         if(paymentRadioButtons[i].checked){
150             if(paymentRadioButtons[i].id=="card"){
151                 if(creditCard()){
152                     if(cardNumberRegex.test(cardField.value)){
153                         cardField.classList.remove("inputError");
154                         pay.classList.remove("pay");
155                         return 1;
156                     }
157                     else{
158                         cardField.classList.add("inputError");
159                         return 0;
160                     }
161                 }
162                 else{
163                     pay.classList.add("pay");
164                     return 0;
165                 }
166             }
167             pay.classList.remove("pay");
168             return 1;
169         }
170     }
171     pay.classList.add("pay");
172     return 0;
173 }
174 function creditCard(){
175     const creditCards=document.querySelector("#creditCard");
176     if(creditCards.value!=""){
177         document.querySelector("#cardNumber").classList.remove("hide");
178         document.querySelector("#additional_label").classList.remove("hide");
179         return 1;
180     }
181     else{
182         document.querySelector("#cardNumber").classList.add("hide");
183         document.querySelector("#additional_label").classList.add("hide");
184         return 0;
185     }

```

```

OffRoad > assets > js > JS main.js > ready() callback > finishOrder
181     else{
182         document.querySelector("#cardNumber").classList.add("hide");
183         document.querySelector("#additional_label").classList.add("hide");
184         return 0;
185     }
186 }
187 function finishOrder(){
188     const finishMessage=document.querySelector("#finishMessage");
189     const messageHeading=document.querySelector("#finishMessage h2");
190     let ok=1;
191     if(!nameConstraint()){
192         ok=0;
193     }
194     if(!emailConstraint()){
195         ok=0;
196     }
197     if(!addressConstraint()){
198         ok=0;
199     }
200     if(!payConstraint()){
201         ok=0;
202     }
203     if(!cityConstraint()){
204         ok=0;
205     }
206     if(!zipConstraint()){
207         ok=0;
208     }
209     if(!mobileConstraint()){
210         ok=0;
211     }
212     if(!termOfUse.checked){
213         ok=0;
214         $(termsMessage).fadeIn();
215     }
216     else{
217         $(termsMessage).fadeOut();
218     }
219 }
220 if(ok){
221     messageHeading.innerHTML="Your order was successfully sent!";
222     finishMessage.classList.remove("finishWrong");
223     finishMessage.classList.add("finishCorrect");
224     return 1;
225 }
226 else{
227     messageHeading.innerHTML="Please, fill out the form correctly!";
228     finishMessage.classList.remove("finishCorrect");
229     finishMessage.classList.add("finishWrong");
230 }

```

```

OffRoad > assets > js > JS main.js > ready() callback > finishOrder
225 }
226 else{
227     messageHeading.innerHTML="Please, fill out the form correctly!";
228     finishMessage.classList.remove("finishCorrect");
229     finishMessage.classList.add("finishWrong");
230 }
231 }
232 }
233 } //Kraj koda za contact.html
234 od za index.html stranu
235 else{
236     const bestSellers=[{name:"Cooper Discoverer All-Season",price:"190$",img:"assets/images/cuper1.png",type:"Tire",spec:{Performance:"Serious Off-Road Performance",Zones:"Linear Flex Zones",Season:"All-Season"},
237     {name:"Roof Rack",price:"90$",img:"assets/images/nosac1.png",type:"Accessories",spec:{Material:"Steel",Brand:"MAXXHAUL",ItemWeight:"8kg",Type:"For all cars",Warranty:"Two year."}},
238     {name:"BFGoodrich Mud-Terrain T/A KM3",price:"230$",img:"assets/images/bf2.png",type:"Tire",spec:{Performance:"Serious Off-Road Performance",Zones:"Linear Flex Zones",Season:"All-Season"}},
239     {name:"Cooper Discoverer All-Season",price:"190$",img:"assets/images/cuper1.png",type:"Tire",spec:{Performance:"Serious Off-Road Performance",Zones:"Linear Flex Zones",Season:"All-Season"}},
240     {name:"Electric Winch",price:"160$",img:"assets/images/sajla.png",type:"Accessories",spec:{SizeName:"13000lbs NP Cable Winch",Info:"The OPENROAD NP series 13000lbs NP Cable Winch",Type:"For all cars",Warranty:"Two year."}},
241     {name:"BFGoodrich Mud-Terrain T/A KM2",price:"200$",img:"assets/images/bf1.png",type:"Tire",spec:{Performance:"Serious Off-Road Performance",Zones:"Linear Flex Zones",Season:"All-Season"}},
242     {name:"BFGoodrich Mud-Terrain T/A KM3",price:"230$",img:"assets/images/bf2.png",type:"Tire",spec:{Performance:"Serious Off-Road Performance",Zones:"Linear Flex Zones",Season:"All-Season"}},
243     {name:"Cooper Discoverer All-Season",price:"190$",img:"assets/images/cuper1.png",type:"Tire",spec:{Performance:"Serious Off-Road Performance",Zones:"Linear Flex Zones",Season:"All-Season"}},
244     {name:"Tow Rope",price:"30$",img:"assets/images/uze.png",type:"Accessories",spec:{CarType:"For small tractors and small truck",Capacity:"5000kg",Length:"10m",Warranty:"Two year."}},
245     {name:"Towing Hook",price:"70$",img:"assets/images/kuka.png",type:"Accessories",spec:{Use:"Excellent for use on ATV's pick up trucks and more",Material:"Constructed from all forged steel",Type:"For all cars",Warranty:"Two year."}},
246     {name:"Roof Rack",price:"90$",img:"assets/images/nosac1.png",type:"Accessories",spec:{Material:"Steel",Brand:"MAXXHAUL",ItemWeight:"8kg",Type:"For all cars",Warranty:"Two year."}},
247     {name:"Cooper Discoverer AT3",price:"170$",img:"assets/images/cuper3.png",type:"Tire",spec:{Performance:"Serious Off-Road Performance",Zones:"Linear Flex Zones",Season:"All-Season"}},
248     {name:"Cooper Discoverer AT3",price:"170$",img:"assets/images/cuper3.png",type:"Tire",spec:{Performance:"Serious Off-Road Performance",Zones:"Linear Flex Zones",Season:"All-Season"}},
249     {name:"Cooper Discoverer AT3",price:"170$",img:"assets/images/cuper3.png",type:"Tire",spec:{Performance:"Serious Off-Road Performance",Zones:"Linear Flex Zones",Season:"All-Season"}},
250     const sliderImages=["assets/images/slider.jpg","assets/images/slider1.jpg","assets/images/slider2.jpg","assets/images/slider3.jpg","assets/images/slider4.jpg"];
251     const messages=["Toyota Tacoma","Jeep Wrangler","Toyota","Ford Raptor","Land Rover Discovery"];
252     const subMessages=["2020 Pickup Truck","2018 Jeep","2019 Pickup Truck","2020 Pickup Truck","2000 Jeep"];
253     const about=[{heading:"Off Road is?",text:"Company that is the main distributor of off road equipment for this passionate sport, with us you can find top equipment for everything you need"},
254     {heading:"What we sell?",text:"Top brands of all types of Tires you need for off road, as well as Towing Hooks, Ropes, Electric Winch and Roof Rack"}];
255 }
256 let slideIndex=-1;
257 let k=1;
258 let interval=setInterval(()=>{
259     slider(1);
260     k++;
261     const img=document.createElement("img");
262     img.setAttribute("class","slika");
263     document.querySelector("#slideImg").appendChild(img);
264     function slider(n){
265         const slideImage=document.querySelector(".slika");
266         const slideMessage=document.querySelector(".message");
267         if(n){
268             slideIndex++;
269             if(slideIndex>sliderImages.length-1){
270                 slideIndex=0;
271             }
272             slideImage.setAttribute("src",sliderImages[slideIndex]);
273             slideImage.setAttribute("alt","slide "+(slideIndex+1));

```



```

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273 slideImage.setAttribute("alt", "slide ${slideIndex+1}");
274 slideMessage.querySelector("h1").innerHTML=messages[slideIndex];
275 slideMessage.querySelector("h2").innerHTML=submessages[slideIndex];
276 }
277 else{
278   slideIndex--;
279   if(slideIndex<0){
280     slideIndex=sliderImages.length-1;
281   }
282   slideImage.setAttribute("src", sliderImages[slideIndex]);
283   slideImage.setAttribute("alt", "slide ${slideIndex+1}");
284   slideMessage.querySelector("h1").innerHTML=messages[slideIndex];
285   slideMessage.querySelector("h2").innerHTML=submessages[slideIndex];
286 }
287 slideImage.classList.add("slideFade");
288 slideMessage.classList.add("slideMessage");
289 setTimeout(function(){
290   slideImage.classList.remove("slideFade");
291 },800)
292
293 setTimeout(function(){
294   slideMessage.classList.remove("slideMessage");
295 },1600)
296 clearInterval(interval);
297 interval=setInterval(()=>{
298   slider(1);
299 },5000);
300 }
301 function aboutWrite(array){
302   let subIndex=4;
303   const aboutDiv=document.querySelector("#textAbout");
304   for(let i=0;i<array.length;i++){
305     aboutDiv.innerHTML+=<div class="textAbout"><h2><span class="colorHeading">${array[i].heading.substring(0,subIndex)}</span>${array[i].heading.substring(subIndex++)}</h2>
306     <p>${array[i].text}</p>
307     <span class="plus"><i class="fa fa-angle-down"></i></span>
308   </div>;
309 }
310 }
311 function bestSellersWrite(target,array,identificator){
312   const targetDiv=document.querySelector(target);
313   for(let i in array){
314     const article=document.createElement("article");
315     article.setAttribute("class",identificator);
316     article.setAttribute("data-type",array[i].type);
317     article.innerHTML+=
318     <h3>${array[i].name}</h3>
319     <span>${array[i].price}</span>
320     const div=document.createElement("div");
321     div.setAttribute("class","options");
322     div.innerHTML+=<button class="buynow" onclick="window.location='contact.html'">Buy Now</button>
323     <button class="details">Details</button>
324     article.appendChild(div);
325     targetDiv.appendChild(article);
326   }
327   const elements=document.getElementsByClassName(identificator);
328   for(let i=0;i<elements.length;i++){
329     elements[i].addEventListener("click",function(){
330       bodyOpacity().appendChild(detailsDiv(array,i));
331       close();
332     })
333   }
334 }
335 function bodyOpacity(){
336   const coverDiv=document.createElement("div");
337   coverDiv.setAttribute("id","coverDiv");
338   document.querySelector("body").classList.add("bodyActive");
339   document.querySelector("body").appendChild(coverDiv);
340   return coverDiv;
341 }
342 function detailsDiv(array,i){
343   var fixedDiv=document.createElement("div");
344   fixedDiv.setAttribute("class","fixedDiv");
345   fixedDiv.innerHTML+=<div class="detailName"><h2>${array[i].name}</h2>${specifications(array[i].spec)}<button class="buynow" onclick="window.location='contact.html'">Buy Now</button>
346   <div class="detailimg"></div>
347   <span class="close"><i class="fa fa-close"></i></span>;
348   return fixedDiv;
349 }
350 const filterButtons=document.querySelectorAll(".filterbtn");
351 for(let i=0; i< filterButtons.length;i++){
352   filterButtons[i].addEventListener("click",(e)=>{
353     for(let i=0; i< filterButtons.length;i++){
354       filterButtons[i].classList.remove("filterActive");
355     }
356     e.target.classList.add("filterActive");
357   })
358 }
359 function filter(con){
360   const target=document.querySelectorAll(".product");
361   for(let i=0;i<target.length;i++){
362     if(con==""){
363       target[i].style.display="block";
364       continue;
365     }
366     if(target[i].dataset.type!=con){

```

```

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366         if(target[i].dataset.type!=""con){
367             target[i].style.display="none";
368         }
369         else{
370             target[i].style.display="block";
371         }
372     }
373 }
374 function close(){
375     const closeBtn=document.querySelector("#close");
376     const fixedDiv=document.querySelector("#fixedDiv");
377     const coverDiv=document.querySelector("#coverDiv");
378     closeBtn.addEventListener("click",function(){
379         fixedDiv.remove();
380         coverDiv.remove();
381         document.querySelector("body").classList.remove("bodyActive");
382     });
383 }
384 function newsletter(){
385     const input=document.querySelector("#mail");
386     const message=document.querySelector("#newsMessage");
387     const mailRegex=/^[a-z][a-z\d]{4,}@gmail|yahoo.com$/;
388     if(mailRegex.test(input.value)){
389         message.innerHTML="Thanks for subscribing on our newsletter";
390         return;
391     }
392     else{
393         message.innerHTML="Please,enter mail in valid format";
394         return;
395     }
396 }
397 function specifications(array){
398     let list=<ul>;
399     for(let i in array){
400         list+<li>${i}: ${array[i]}</li>;
401     }
402     list+</ul>;
403     return list;
404 }
405 slider(1);
406 $("#next").click(function(){
407     slider(1);
408 });
409 $("#prev").click(function(){
410     slider(0);
411 });
412 aboutWrite(about);
413 bestSellersWrite("#wrapper",bestSellers,"bestSeler");
414 bestSellersWrite("#wrapperProduct",products,"product");

```

```

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412 aboutWrite(about);
413 bestSellersWrite("#wrapper",bestSellers,"bestSeler");
414 bestSellersWrite("#wrapperProduct",products,"product");
415 $(".textAbout").on("click",function(){
416     $(this).find("p").slideToggle();
417     $(this).find(".plus").toggleClass("plusActive");
418 });
419 $(window).scroll(function(){
420     if($(this).scrollTop()>600){
421         $("#scrollTop").fadeIn();
422     }
423     else{
424         $("#scrollTop").fadeOut();
425     }
426 });
427 $("#scrollTop").click(function(){
428     $("html,body").animate({scrollTop:0},800);
429 });
430 $("#sign").click(function(){
431     newsletter();
432 });
433 $("#filterAll").click(function(){
434     filter("");
435 });
436 $("#filterFire").click(function(){
437     filter("Fire");
438 });
439 $("#filterWheel").click(function(){
440     filter("Accessories");
441 });
442 $(".bestSeler").hover(function(){
443     $(this).find(".options").toggleClass("optionsOpacity");
444 });
445 $(".product").hover(function(){
446     $(this).find(".options").toggleClass("optionsOpacity");
447 });
448
449 } //Kraj koda za index.html stranu
450 ;
451
452 jednacki podaci i funkcije za obe strane
453 t menu=[{title:"Home",link:"index.html"},{title:"About",link:"index.html#about"},{title:"Products",link:"#"},{title:"Contact",link:"index.html#contact"}];
454 t additional=[{link:"https://novakovicn.github.io/novakovic.nikola/",title:"Author"},{link:"Dokumentacija.pdf",title:"Documentation"}];
455 t submenu=[{title:"Best sellers",link:"index.html#bestSellers"},{title:"All Products",link:"index.html#products"}];
456 t social=[{title:"<i class='fa fa-facebook-official'></i>",link:"https://www.facebook.com/"},
457 le:"<i class='fa fa-instagram'></i>",link:"https://www.instagram.com/"},
458 le:"<i class='fa fa-twitter'></i>",link:"https://twitter.com/"},
459 le:"<i class='fa fa-youtube-play'></i>",link:"https://www.youtube.com/"}}];
460 t ion navWrite(array){

```

```

451
452   jednjicki podaci i funkcije za obe strane
453   t menu=[{title:"Home",link:"index.html"},{title:"About",link:"index.html#about"},{title:"Products",link:"#"},{title:"Contact",link:"index.html#contact"}];
454   t additional=[{link:"https://novakovic.github.io/novakovic.nikola/",title:"Author"},{link:"Dokumentacija.pdf",title:"Documentation"}];
455   t submenu=[{title:"Best sellers",link:"index.html#bestsellers"},{title:"All Products",link:"index.html#products"}];
456   t social=[{title:"<i class='fa fa-facebook-official'></i>",link:"https://www.facebook.com/"},
457   le:<i class='fa fa-instagram'></i>",link:"https://www.instagram.com/"},
458   le:<i class='fa fa-twitter'></i>",link:"https://twitter.com/"},
459   le:<i class='fa fa-youtube-play'></i>",link:"https://www.youtube.com/'"}];
460   tion navWrite(array){
461   for(let i=0;i<array.length;i++){
462     const nav=document.querySelector("#menu");
463     if(array[i].title=="Products"){
464       nav.innerHTML+=<li><a href="+array[i].link+">"+array[i].title+<i class='fa fa-angle-down'></i>"+</a></li>";
465       const li=document.querySelectorAll("li");
466       const element=document.createElement("ul");
467       element.setAttribute("id","podmeni");
468       for(let i=0;i<submenu.length;i++){
469         element.innerHTML+=<li><a href="+submenu[i].link">"+submenu[i].title</a></li>";
470       }
471       li[i].appendChild(element);
472     }
473     else{
474       nav.innerHTML+=<li><a href="+array[i].link+">"+array[i].title+</a></li>";
475     }
476   }
477
478   tion footWrite(array){
479   const target=document.querySelector("footer");
480   const footnav=document.createElement("div");
481   footnav.setAttribute("id","footnav");
482   const ul=document.createElement("ul");
483   for(let i in array){
484     ul.innerHTML+=<li><a href="+array[i].link">"+array[i].title</a></li>";
485   }
486   footnav.appendChild(ul);
487   target.appendChild(footnav);
488
489   tion socialWrite(array){
490   const target=document.querySelector("footer");
491   const footnav=document.createElement("div");
492   footnav.setAttribute("class","social");
493   const ul=document.createElement("ul");
494   for(let i in array){
495     ul.innerHTML+=<li><a href="+array[i].link" target="_blank">"+array[i].title</a></li>";
496   }
497   footnav.appendChild(ul);
498   target.appendChild(footnav);
499

```

```

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466   const element=document.createElement("ul");
467   element.setAttribute("id","podmeni");
468   for(let i=0;i<submenu.length;i++){
469     element.innerHTML+=<li><a href="+submenu[i].link">"+submenu[i].title</a></li>";
470   }
471   li[i].appendChild(element);
472 }
473 else{
474   nav.innerHTML+=<li><a href="+array[i].link+">"+array[i].title+</a></li>";
475 }
476 }
477
478 tion footWrite(array){
479 const target=document.querySelector("footer");
480 const footnav=document.createElement("div");
481 footnav.setAttribute("id","footnav");
482 const ul=document.createElement("ul");
483 for(let i in array){
484   ul.innerHTML+=<li><a href="+array[i].link">"+array[i].title</a></li>";
485 }
486 footnav.appendChild(ul);
487 target.appendChild(footnav);
488
489 tion socialWrite(array){
490 const target=document.querySelector("footer");
491 const footnav=document.createElement("div");
492 footnav.setAttribute("class","social");
493 const ul=document.createElement("ul");
494 for(let i in array){
495   ul.innerHTML+=<li><a href="+array[i].link" target="_blank">"+array[i].title</a></li>";
496 }
497 footnav.appendChild(ul);
498 target.appendChild(footnav);
499

```

3.3.2 Form.js

```

1 //Objekti forme
2 const addButton=document.querySelector("#add");
3 const cardField=document.querySelector("#cardNumber");
4 const paymentRadioButtons=document.getElementsByName("paymethod");
5 const nameField=document.querySelector("#fullName");
6 const mailField=document.querySelector("#mail");
7 const cityField=document.querySelector("#city");
8 const pay=document.querySelector("#pay");
9 const zipField=document.querySelector("#zip");
10 const addressField=document.querySelector("#address");
11 const privacyPolice=document.querySelector("#privacy");
12 window.onload=function(){
13     document.querySelector("#cardNumber").classList.add("hide");
14     document.querySelector("#creditCard").classList.add("hide");
15     document.querySelector("#additional label").classList.add("hide");
16     addButton.addEventListener("click",addMob);
17     for(let i=0;i<paymentRadioButtons.length;i++){
18         paymentRadioButtons[i].addEventListener("click",payMethods);
19     }
20     document.querySelector("#submit").addEventListener("click",finishOrder);
21 }
22 const form=[{input:"text",err:"Insert valid name!",label:"Name"},{input:"text",err:"Insert valid name!"},{input:"text",err:"Insert valid name!"}];
23 const cards=["Visa","MasterCard","Discover"];
24
25 //Funkcije za proveru unosa forme
26
27 function nameConstraint(){
28     //Regex proverava ime i prezime(moguće imati više prezimena)
29     const nameRegex=/^[A-Z][a-z]{2,}(\s[A-Z][a-z]{5,})+$/;
30     if(nameRegex.test(nameField.value)){
31         nameField.classList.remove("inputError");
32         return 1;
33     }
34     else{
35         nameField.classList.add("inputError");
36         return 0;
37     }
38 }
39 function emailConstraint(){
40     //Regex proverava mejlove koji pripadaju gmail-u ili yahoo-u
41     const mailRegex=/^[a-z]?[a-z]{1,}(\s[a-z]{5,})\s{1,}@(gmail|yahoo)\.com$/;
42     if(mailRegex.test(mailField.value)){
43         mailField.classList.remove("inputError");
44         return 1;
45     }
46     else{
47         mailField.classList.add("inputError");
48         return 0;
49     }
50 }

```

```

51 function cityConstraint(){
52     //Regex dozvoljava unos grada od dve reci sa pocetnim velikim slovom prve reci
53     const cityRegex=/^[A-Z][a-z]{2,}(\s[A-Z]{3,})+$/;
54
55     if(cityRegex.test(cityField.value)){
56         cityField.classList.remove("inputError");
57         return 1;
58     }
59     else{
60         cityField.classList.add("inputError");
61         return 0;
62     }
63 }
64 function zipConstraint(){
65     //Regex proverava da li je kod unet u formatu AA9A 9AA ili A9 9AA
66     const zipRegex=/^[A-Z]{1,2}[0-9]{1,2}[A-Z]?(\s[0-9]{1,2}[A-Z]{1,2})+$/;
67
68     if(zipRegex.test(zipField.value)){
69         zipField.classList.remove("inputError");
70         return 1;
71     }
72     else{
73         zipField.classList.add("inputError");
74         return 0;
75     }
76 }
77 function addressConstraint(){
78     const addressRegex=/^[A-Z][a-z]{3,}(\s[A-Z0-9]{1,})+$/;
79
80     if(addressRegex.test(addressField.value)){
81         addressField.classList.remove("inputError");
82         return 1;
83     }
84     else{
85         addressField.classList.add("inputError");
86         return 0;
87     }
88 }
89 function payMethods(){
90     for(let i=0;i<paymentRadioButtons.length;i++){
91         if(paymentRadioButtons[i].checked){
92             const select=document.querySelector("#creditCard");
93             if(paymentRadioButtons[i].id=="card"){
94                 select.innerHTML=<option value="">Choose your credit card</option>
95                 for(let i of cards){
96                     select.innerHTML+=<option value=${i.toLowerCase()}>${i}</option>
97                 }
98                 select.addEventListener("change",creditCard);

```

```

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97
98     select.addEventListener("change", creditCard);
99     select.classList.remove("hide");
100 }
101 else{
102     select.classList.add("hide");
103     document.querySelector("#cardNumber").classList.add("hide");
104     document.querySelector("#additional label").classList.add("hide");
105 }
106 }
107 }
108 }
109 function payConstraint(){
110     const cardNumberRegex=/^[0-9]{4}\s{3}[0-9]{4}$/;
111     for(let i=0; i<paymentRadioButtons.length; i++){
112         if(paymentRadioButtons[i].checked){
113             if(paymentRadioButtons[i].id=="card"){
114                 if(creditCard()){
115                     if(cardNumberRegex.test(cardField.value)){
116                         cardField.classList.remove("inputError");
117                         pay.classList.remove("pay");
118                         return 1;
119                     }
120                     else{
121                         cardField.classList.add("inputError");
122                         return 0;
123                     }
124                 }
125                 else{
126                     pay.classList.add("pay");
127                     return 0;
128                 }
129             }
130             pay.classList.remove("pay");
131             return 1;
132         }
133     }
134     pay.classList.add("pay");
135     return 0;
136 }
137 function creditCard(){
138     const creditCards=document.querySelector("#creditCard");
139     if(creditCards.value!=""){
140         document.querySelector("#cardNumber").classList.remove("hide");
141         document.querySelector("#additional label").classList.remove("hide");
142         return 1;
143     }
144     else{
145         document.querySelector("#cardNumber").classList.add("hide");

```

```

OffRoad > assets > js > JS formjs > ...
143
144     }
145     else{
146         document.querySelector("#cardNumber").classList.add("hide");
147         document.querySelector("#additional label").classList.add("hide");
148         return 0;
149     }
150 }
151 function finishOrder(){
152     let ok=1;
153     if(!nameConstraint()){
154         ok=0;
155     }
156     if(!emailConstraint()){
157         ok=0;
158     }
159     if(!addressConstraint()){
160         ok=0;
161     }
162     if(!payConstraint()){
163         ok=0;
164     }
165     if(!cityConstraint()){
166         ok=0;
167     }
168     if(!zipConstraint()){
169         ok=0;
170     }
171     if(!privacyPolice.checked){
172         ok=0;
173     }
174     if(ok){
175         console.log("Sve je u redu");
176     }
177     else{
178         console.log("Nesto ne valja");
179     }
180 }
181 }
182 function addMob(e){
183     e.preventDefault();
184     const div=document.querySelector(".mob");
185     const newMobile=document.createElement("input");
186     const label=document.createElement("label");
187     label.innerHTML="Mobile";
188     newMobile.setAttribute("type","text");
189     newMobile.setAttribute("class","mobile");
190     const addButton=document.querySelector("#add");
191     div.insertBefore(label, addButton);

```

```

180 }
181
182 function addMob(e){
183     e.preventDefault();
184     const div=document.querySelector(".mob");
185     const newMobile=document.createElement("input");
186     const label=document.createElement("label");
187     label.innerHTML="Mobile";
188     newMobile.setAttribute("type","text");
189     newMobile.setAttribute("class","mobile");
190     const addButton=document.querySelector("#add");
191     div.insertBefore(label,addButton);
192     div.insertBefore(newMobile,addButton);
193 }
194

```

3.3.3 Menu.js

```

1 //Menu.js
2 $(document).ready(function(){
3     navWrite(menu);
4     footerWrite(menu);
5     socialWrite(social);
6     $("#menu li:nth-child(3)").on("click",function(){
7         $("#podmeni").slideToggle();
8     });
9     $("#responsive").on("click",function(){
10         $("#menu").slideToggle();
11     });
12     // $(".required").addClass("requiredColor");
13     });
14 const menu=[{title:"Home",link:"index.html"},{title:"About",link:"index.html#about"},{title:"Products",link:"index.html#products"},{title:"Contact",link:"index.html#contact"}];
15 const submenu=[{title:"Best sellers",link:"index.html#bestSellers"},{title:"All Products",link:"index.html#products"}];
16 const social=[{title:"<i class='fa fa-facebook-official'></i>",link:"https://www.facebook.com/"},
17 {title:"<i class='fa fa-instagram'></i>",link:"https://www.instagram.com/"},
18 {title:"<i class='fa fa-twitter'></i>",link:"https://twitter.com/"},
19 {title:"<i class='fa fa-youtube-play'></i>",link:"https://www.youtube.com/"}];
20 function navWrite(array){
21     for(let i=0;i<array.length;i++){
22         const nav=document.querySelector("#menu");
23         if(array[i].title=="Products"){
24             nav.innerHTML+="

```

```

49 function socialWrite(array){
50     const target=document.querySelector("footer");
51     const footnav=document.createElement("div");
52     footnav.setAttribute("id","social");
53     const ul=document.createElement("ul");
54     for(let i in menu){
55         ul.innerHTML+="

```