

E-COMMERCE APPLICATION ON IBM CLOUD FOUNDRY

PHASE 5: Project Documentation and Submission

An e-commerce application hosted on IBM Cloud Foundry is a web based platform that allows businesses to sell products or services online.

Project Explanation:

The code begins with a tag that contains two child tags: one for the main content of the page, and another for the navigation.

The first thing you see is a pair of tags.

The first one displays a name of website i.e EcommerceStore.com, while the second one displays a search icon.

This will be used to help users find what they're looking for on the site.

It contains information about how to purchase items from this store. It includes details like product categories and prices.

Each product has its own row, and there are images associated with each item so that users can better understand what they're buying.

The code creates a div with the class navItem , which will house all of the navigation for our ecommerce store.

Within this div, we have two elements: a search input and an icon for our search bar.

The code within the search input will allow users to enter text into the form and it will be auto filled with the current page's title.

The icon will be used as a placeholder for our search bar and it will dynamically change depending on whether or not there is any content in our search input.

Finally, we have created a div with the class navItem which will house all of our navigation.

Within this div, we have created a heading titled "Ecommerce Store" and beneath this heading

JavaScript Logic :

The code starts by creating an array of objects called products .

Each object in the products array will contain information about a different product.

The first object in the products array is called chosen Product .

Next, we need to get hold of all of the information about chosen Product .

We do this by using document.querySelectorAll() .

This method takes two arguments: The first is a selector (in this case, “.productTitle”) and the second is a list of strings (in this case, “.color”).

We then use forEach() to loop through all of the menuItems in our document.

Each time around the loop, we’ll add an event listener to each item so that we can track when it’s clicked.

This function will take three arguments: The first is chosenProduct , which we’ve already obtained from earlier; secondly, currentProductImg , which is our image pointer for displaying what’s currently being displayed on our screen.

Index.html

```
index.html X # style.css JS app.js
index.html > html > body > div#product.product > div.productDetails
1 <html lang="en">
2
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <link rel="preconnect" href="https://fonts.googleapis.com">
8   <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
9   <link href="https://fonts.googleapis.com/css2?family=League+Spartan:wght@500&family=Nunito&family=Palanquin+Dark:wght@500&family=Roboto+Slab:wght@700&display=swap" rel="stylesheet">
10  <link rel="stylesheet" href="style.css">
11  <title>Nike Store</title>
12 </head>
13
14 <body>
15   <nav id="nav">
16     <div class="navTop">
17       <div class="navItem">
18         <h2>EcommerceStore.com</h2>
19         <!-- <script></script>
22         <div class="search">
23           <input type="text" placeholder="Search..." class="searchInput">
24           <script></script>
28         <span class="limitedOffer">Limited Offer!</span>
29       </div>
30     </div>
31     <div class="navBottom">
32       <h3 class="menuItem">AIR FORCE</h3>
33       <h3 class="menuItem">JORDAN</h3>
34       <h3 class="menuItem">BLAZER</h3>
35       <h3 class="menuItem">CRATER</h3>
36       <h3 class="menuItem">HIPPIE</h3>
37     </div>
```

```
index.html X # style.css JS app.js
index.html > html > body > div#product.product > div.productDetails > button.productButton

38 </nav>
39 <div class="slider">
40   <div class="sliderWrapper">
41     <div class="sliderItem">
42       
43       <div class="sliderBg"></div>
44       <h1 class="sliderTitle">AIR FORCE</br> NEW</br> SEASON</h1>
45       <h2 class="sliderPrice">Rs.1999</h2>
46       <a href="#product">
47         <button class="buyButton">BUY NOW!</button>
48       </a>
49     </div>
50     <div class="sliderItem">
51       
52       <div class="sliderBg"></div>
53       <h1 class="sliderTitle">AIR JORDAN</br> NEW</br> SEASON</h1>
54       <h2 class="sliderPrice">Rs 1149</h2>
55       <a href="#product">
56         <button class="buyButton">BUY NOW!</button>
57       </a>
58     </div>
59     <div class="sliderItem">
60       
61       <div class="sliderBg"></div>
62       <h1 class="sliderTitle">BLAZER</br> NEW</br> SEASON</h1>
63       <h2 class="sliderPrice">Rs 2100</h2>
64       <a href="#product">
65         <button class="buyButton">BUY NOW!</button>
66       </a>
67     </div>
68     <div class="sliderItem">
69       
70       <div class="sliderBg"></div>
71       <h1 class="sliderTitle">CRATER</br> NEW</br> SEASON</h1>
72       <h2 class="sliderPrice">Rs 2999</h2>
73       <a href="#product">
74         <button class="buyButton">BUY NOW!</button>
```

```
index.html X # style.css JS app.js
index.html > html > body > div#product.product > div.productDetails > button.productButton

74 <button class="buyButton">BUY NOW!</button>
75 </a>
76 </div>
77 <div class="sliderItem">
78   
79   <div class="sliderBg"></div>
80   <h1 class="sliderTitle">HIPPIE</br> NEW</br> SEASON</h1>
81   <h2 class="sliderPrice">Rs 999</h2>
82   <a href="#product">
83     <button class="buyButton">BUY NOW!</button>
84   </a>
85 </div>
86 </div>
87 </div>
88
89 <div class="features">
90   <div class="feature">
91     <noscript></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%3D'
92     <span class="featureTitle">FREE SHIPPING</span>
93     <span class="featureDesc">Free worldwide shipping on all orders.</span>
94   </div>
95   <div class="feature">
96     <noscript></noscript><img decoding="async" class=" lazy featureIcon" src='data:image/
97     <span class="featureTitle">30 DAYS RETURN</span>
98     <span class="featureDesc">No question return and easy refund in 14 days.</span>
99   </div>
100   <div class="feature">
101     <noscript></noscript><img decoding="async" class=" lazy featureIcon" src='data:image/sv
102     <span class="featureTitle">GIFT CARDS</span>
103     <span class="featureDesc">Buy gift cards and use coupon codes easily.</span>
104   </div>
105   <div class="feature">
106     <noscript></noscript><img decoding="async" class=" lazy featureIcon" src='data:image
107     <span class="featureTitle">CONTACT US!</span>
108     <span class="featureDesc">Keep in touch via email and support system.</span>
109   </div>
110 </div>
```



```
index.html X # style.css JS app.js
index.html > html > body > div#product-product > div.productDetails > button.productButton
183 <h1 class="nsTitle">New Collection</h1>
184 <a href="#nav">
185 | <button class="nsButton">CHOOSE YOUR STYLE</button>
186 </a>
187 </div>
188 <div class="nsItem">
189 | <noscript></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%22http://www.w3.org/2000/svg%22%20viewBox=%220%200%20%20%22%
191 | alt="" class=" lazy nsImg">
192 </div>
193 </div>
194 <footer>
195 | <div class="footerleft">
196 | | <div class="footerMenu">
197 | | <h1 class="fMenuItem">About Us</h1>
198 | | <ul class="fList">
199 | | | <li class="fListItem">Company</li>
200 | | | <li class="fListItem">Contact</li>
201 | | | <li class="fListItem">Careers</li>
202 | | | <li class="fListItem">Affiliates</li>
203 | | | <li class="fListItem">Stores</li>
204 | | </ul>
205 | | </div>
206 | | <div class="footerMenu">
207 | | <h1 class="fMenuItem">Useful Links</h1>
208 | | <ul class="fList">
209 | | | <li class="fListItem">Support</li>
210 | | | <li class="fListItem">Refund</li>
211 | | | <li class="fListItem">FAQ</li>
212 | | | <li class="fListItem">Feedback</li>
213 | | | <li class="fListItem">Stories</li>
214 | | </ul>
215 | | </div>
216 | | <div class="footerMenu">
217 | | <h1 class="fMenuItem">Products</h1>
218 | | <ul class="fList">
219 | | | <li class="fListItem">Air Force</li>
```

```
index.html X # style.css JS app.js
index.html > html > body > div#product-product > div.productDetails > button.productButton
219 | | | <li class="fListItem">Air Force</li>
220 | | | <li class="fListItem">Air Jordan</li>
221 | | | <li class="fListItem">Blazer</li>
222 | | | <li class="fListItem">Crater</li>
223 | | | <li class="fListItem">Hippie</li>
224 | | </ul>
225 | | </div>
226 | </div>
227 <div class="footerRight">
228 | <div class="footerRightMenu">
229 | | <h1 class="fMenuItem">Subscribe to our newsletter</h1>
230 | | <div class="fMail">
231 | | | <input type="text" placeholder="your@email.com" class="fInput">
232 | | | <button class="fButton">Join!</button>
233 | | </div>
234 | | </div>
235 | | <div class="footerRightMenu">
236 | | <h1 class="fMenuItem">Follow Us</h1>
237 | | <div class="fIcons">
238 | | | <noscript></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%
239 | | | <noscript></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%
240 | | | <noscript></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%
241 | | | <noscript></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%
242 | | </div>
243 | | </div>
244 | | <div class="footerRightMenu">
245 | | | <span class="copyright">©John Doe. All rights reserved. 2022.</span>
246 | | </div>
247 | </div>
248 </footer>
249 <script data-two_delay_id="two_65421f58071e6" data-two_delay_src="./app.js"></script>
250 </body>
251
252 </html>
```

Style.css

```
index.html # style.css x JS app.js
# style.css > body
1  html {
2      scroll-behavior: smooth;
3      font-family: 'League Spartan', sans-serif;
4      font-family: 'Nunito', sans-serif;
5      font-family: 'Palatin Dark', sans-serif;
6      font-family: 'Roboto Slab', serif;
7  }
8
9
10 body {
11     font-family: "Lato", sans-serif;
12     padding: 0;
13     margin: 0;
14 }
15
16 nav {
17     /* background-color: #111; */
18     background-color: #232c5b;
19     color: white;
20     padding: 20px 50px;
21 }
22
23 .navTop {
24     display: flex;
25     align-items: center;
26     justify-content: space-between;
27 }
28
29 .search {
30     display: flex;
31     align-items: center;
32     background-color: #gray;
33     padding: 10px 20px;
34     border-radius: 10px;
35 }
36
37 .searchInput {
```

```
index.html # style.css x JS app.js
# style.css > body
37 .searchInput {
38     border: none;
39     background-color: transparent;
40 }
41
42 .searchInput::placeholder {
43     color: lightgray;
44 }
45
46 .limitedOffer {
47     font-size: 20px;
48     border-bottom: 2px solid #rgb(194, 40, 156);
49     cursor: pointer;
50 }
51
52 .navBottom {
53     display: flex;
54     align-items: center;
55     justify-content: center;
56 }
57
58 .menuItem {
59     margin-right: 50px;
60     cursor: pointer;
61     color: lightgray;
62     font-weight: 400;
63 }
64
65 .slider {
66     background: url(data:image/svg+xml,%3Csvg%20xmlns=%3Dhttp://www.w3.org/2000/svg%22viewBox=%3D20%20%20%20%22%3E%3C/svg%3E#)https://images.pexels.com/photos/7078622/
67     /* background: url("https://images.unsplash.com/photo-1604147495798-57beb5d6af73?ixlib=rb-1.2.1&ixid=4mwxHjA3f08884b0xa690by1wMdlFhx8fgVufD88Fhx8auto=format&fit=crop");
68     clip-path: polygon(0% 0, 100% 0, 100% 100%, 0 85%);
69     overflow: hidden;
70 }
71
72 .sliderWrapper {
```

```
index.html style.css X JS app.js
# style.css > body
73 display: flex;
74 width: 500vw;
75 transition: all 1.5s ease-in-out;
76 }
77
78
79 .sliderItem {
80 width: 100vw;
81 display: flex;
82 align-items: center;
83 justify-content: center;
84 position: relative;
85 }
86
87 .sliderBg {
88 width: 750px;
89 height: 750px;
90 border-radius: 50%;
91 position: absolute;
92 }
93
94 .sliderImg {
95 z-index: 1;
96 }
97 #firsts{
98 width: 60rem;
99 }
100 #jordan{
101 width: 50rem;
102 transform: rotate(20deg);
103 }
104 #thirds{
105 width: 50rem;
106 transform: rotate(20deg);
107 /* filter: invert(100%); */
108 }
109 #crater{
```

```
index.html style.css X JS app.js
# style.css > body
109 #crater{
110 width: 50rem;
111 }
112
113 .sliderTitle {
114 position: absolute;
115 top: 10%;
116 right: 10%;
117 font-size: 60px;
118 font-weight: 900;
119 text-align: center;
120 color: rgb(44, 182, 32);
121 z-index: 1;
122 }
123
124 .sliderPrice {
125 position: absolute;
126 top: 10%;
127 left: 10%;
128 font-size: 60px;
129 font-weight: 300;
130 text-align: center;
131 color: white;
132 border: 1px solid gray;
133 z-index: 1;
134 }
135
136 .buyButton {
137 position: absolute;
138 top: 50%;
139 right: 10%;
140 font-size: 30px;
141 font-weight: 900;
142 color: white;
143 border: 1px solid gray;
144 background-color: black;
145 z-index: 1;
```

```
index.html # style.css X JS app.js
# style.css > body
145 z-index: 1;
146 cursor: pointer;
147 }
148
149 .buyButton:hover {
150   background-color: white;
151   color: black;
152 }
153
154 .sliderItem:nth-child(1) .sliderBg {
155   background-color: #e283ce;
156 }
157 .sliderItem:nth-child(2) .sliderBg {
158   background-color: rebeccapurple;
159 }
160 .sliderItem:nth-child(3) .sliderBg {
161   background-color: teal;
162 }
163 .sliderItem:nth-child(4) .sliderBg {
164   background-color: cornflowerblue;
165 }
166 .sliderItem:nth-child(5) .sliderBg {
167   background-color: rgb(124, 115, 80);
168 }
169
170 .sliderItem:nth-child(1) .sliderPrice {
171   color: #369e62;
172 }
173 .sliderItem:nth-child(2) .sliderPrice {
174   color: white;
175 }
176 .sliderItem:nth-child(3) .sliderPrice {
177   color: teal;
178 }
179 .sliderItem:nth-child(4) .sliderPrice {
180   color: cornflowerblue;
181 }
```

```
index.html # style.css X JS app.js
# style.css > body
181 }
182 .sliderItem:nth-child(5) .sliderPrice {
183   color: cornsilk;
184 }
185
186 .features {
187   display: flex;
188   align-items: center;
189   justify-content: space-between;
190   padding: 50px;
191 }
192
193 .feature {
194   display: flex;
195   flex-direction: column;
196   align-items: center;
197   text-align: center;
198 }
199
200 .featureIcon {
201   width: 50px;
202   height: 50px;
203 }
204
205 .featureTitle {
206   font-size: 20px;
207   font-weight: 600;
208   margin: 20px;
209 }
210
211 .featureDesc {
212   color: gray;
213   width: 50%;
214   height: 100px;
215 }
216
217
```



```
index.html style.css X JS app.js
# style.css > body
217 .product {
218   height: 100vh;
219   background-color: #rgb(107, 101, 101);
220   position: relative;
221   clip-path: polygon(0 15%, 100% 0, 100% 100%, 0% 100%);
222 }
223
224 .payment {
225   width: 500px;
226   height: 500px;
227   background-color: #white;
228   position: absolute;
229   top: 0;
230   bottom: 0;
231   left: 0;
232   right: 0;
233   margin: auto;
234   padding: 10px 50px;
235   display: none;
236   flex-direction: column;
237   -webkit-box-shadow: 0px 0px 13px 2px #rgba(0, 0, 0, 0.3);
238   box-shadow: 0px 0px 13px 2px #rgba(0, 0, 0, 0.3);
239 }
240
241 .payTitle {
242   font-size: 20px;
243   color: #lightgray;
244 }
245
246 label {
247   font-size: 14px;
248   font-weight: 300;
249 }
250
251 .payInput {
252   padding: 10px;
253   margin: 10px 0px;
```

```
index.html style.css X JS app.js
# style.css > body
253 margin: 10px 0px;
254 border: none;
255 border-bottom: 1px solid #gray;
256 }
257
258 .payInput::placeholder {
259   color: #rgb(163, 163, 163);
260 }
261
262 .cardIcons {
263   display: flex;
264 }
265
266 .cardIcon {
267   margin-right: 10px;
268 }
269
270 .cardInfo {
271   display: flex;
272   justify-content: space-between;
273 }
274
275 .sm {
276   width: 30%;
277 }
278
279 .payButton {
280   position: absolute;
281   height: 40px;
282   bottom: -40;
283   width: 100%;
284   left: 0;
285   -webkit-box-shadow: 0px 0px 13px 2px #rgba(0, 0, 0, 0.3);
286   box-shadow: 0px 0px 13px 2px #rgba(0, 0, 0, 0.3);
287   background-color: #369e62;
288   color: #white;
289   border: none;
```

```
index.html style.css X JS app.js
# style.css > body
289 border: none;
290 cursor: pointer;
291 }
292
293 .close {
294   width: 20px;
295   height: 20px;
296   position: absolute;
297   background-color: gray;
298   color: white;
299   top: 10px;
300   right: 10px;
301   display: flex;
302   align-items: center;
303   justify-content: center;
304   cursor: pointer;
305   padding: 2px;
306 }
307
308 .productImg {
309   width: 50%;
310   margin-top: 6rem;
311 }
312
313 .productDetails {
314   position: absolute;
315   top: 10%;
316   right: 0;
317   width: 40%;
318   padding: 50px;
319 }
320
321 .productTitle {
322   font-size: 75px;
323   font-weight: 900;
324 }
325
```

```
index.html style.css X JS app.js
# style.css > body
325
326 .productDesc {
327   font-style: 24px;
328   color: rgb(241, 234, 234);
329 }
330
331 .colors,
332 .sizes {
333   display: flex;
334   margin-bottom: 20px;
335 }
336
337 .color {
338   width: 32px;
339   height: 32px;
340   border-radius: 5px;
341   background-color: rgb(255, 247, 247);
342   margin-right: 10px;
343   cursor: pointer;
344 }
345
346 .color:last-child {
347   background-color: darkblue;
348 }
349
350 .size {
351   padding: 5px 20px;
352   border: 4px solid black;
353   margin-right: 10px;
354   cursor: pointer;
355   font-size: 20px;
356 }
357
358 .productButton {
359   float: right;
360   padding: 10px 20px;
361   background-color: black;
```

```
index.html style.css X JS app.js
# style.css > body
361 background-color: black;
362 color: white;
363 font-weight: 600;
364 cursor: pointer;
365 }
366
367 .productButton:hover {
368   background-color: white;
369   color: black;
370 }
371
372 .gallery {
373   padding: 50px;
374   display: flex;
375 }
376
377 .galleryItem {
378   flex: 1;
379   padding: 50px;
380 }
381
382 .galleryImg {
383   width: 100%;
384 }
385
386 .newSeason {
387   display: flex;
388 }
389
390 .nsItem {
391   flex: 1;
392   background-color: black;
393   color: white;
394   display: flex;
395   flex-direction: column;
396   align-items: center;
397   justify-content: center;
```

```
index.html style.css X JS app.js
# style.css > body
396 align-items: center;
397 justify-content: center;
398 text-align: center;
399 }
400
401 .nsImg {
402   width: 100%;
403   height: 500px;
404 }
405
406 .nsTitle {
407   font-size: 40px;
408 }
409
410 .nsButton {
411   padding: 15px;
412   font-weight: 600;
413   cursor: pointer;
414 }
415
416 footer {
417   display: flex;
418 }
419
420 .footerLeft {
421   flex: 2;
422   display: flex;
423   justify-content: space-between;
424   padding: 50px;
425 }
426
427 .fMenuTitle {
428   font-size: 16px;
429 }
430
431 .fList {
432   padding: 0;
```

```
index.html style.css x JS app.js
# style.css > body
432 padding: 0;
433 list-style: none;
434 }
435
436 .listItem {
437   margin-bottom: 10px;
438   color: gray;
439   cursor: pointer;
440 }
441
442 .footerRight {
443   flex: 1;
444   padding: 50px;
445   display: flex;
446   flex-direction: column;
447   justify-content: space-between;
448 }
449
450 .finput {
451   padding: 5px;
452 }
453
454 .fbutton {
455   padding: 5px;
456   background-color: black;
457   color: white;
458 }
459
460 .ficons{
461   display: flex;
462 }
463
464 .ficon{
465   width: 20px;
466   height: 20px;
467   margin-right: 10px;
468 }
```

```
index.html style.css x JS app.js
# style.css > body
468 }
469
470 .copyright{
471   font-weight: 300;
472   font-size: 14px;
473 }
474
475 @media screen and (max-width:480px) {
476   nav{
477     padding: 20px;
478   }
479
480   .search{
481     display: none;
482   }
483
484   .navBottom{
485     flex-wrap: wrap;
486   }
487
488   .menuItem{
489     margin: 20px;
490     font-weight: 700;
491     font-size: 20px;
492   }
493
494   .slider{
495     clip-path: none;
496   }
497
498   .sliderImg{
499     width: 90%;
500 }
501
502   .sliderBg{
503     width: 100%;
504     height: 100%;
```

```
index.html style.css X JS app.js
# style.css > body
504 | height: 100%;
505 | }
506 |
507 | .sliderTitle{
508 | | display: none;
509 | }
510 |
511 | .sliderPrice{
512 | | top: unset;
513 | | bottom: -50;
514 | | left: 0;
515 | | background-color: lightgrey;
516 | }
517 |
518 | .buyButton{
519 | | right: 0;
520 | | top: 0;
521 | }
522 |
523 | .features{
524 | | flex-direction: column;
525 | }
526 |
527 | .product{
528 | | clip-path: none ;
529 | | display: flex;
530 | | flex-direction: column;
531 | | align-items: center;
532 | }
533 |
534 | .productImg{
535 | | width: 80%;
536 | }
537 |
538 | .productDetails{
539 | | width: 100%;
540 | | headline: 0;
```

```
index.html style.css X JS app.js
# style.css > body
540 | padding: 0;
541 | display: flex;
542 | flex-direction: column;
543 | align-items: center;
544 | text-align: center;
545 | position: relative;
546 | top: 0;
547 | }
548 |
549 | .productTitle{
550 | | font-size: 50px;
551 | | margin: 0;
552 | }
553 |
554 | .gallery{
555 | | display: none;
556 | }
557 |
558 | .newSeason{
559 | | flex-direction: column;
560 | }
561 |
562 | .nsItem:nth-child(2){
563 | | padding: 50px;
564 | }
565 |
566 | footer{
567 | | flex-direction: column;
568 | | align-items: center;
569 | }
570 |
571 | .footerLeft{
572 | | padding: 20px;
573 | | width: 90%;
574 | }
575 |
576 | .footerRight{
```

```
index.html style.css X JS app.js
# style.css > body
576 .footerRight{
577   padding: 20px;
578   width: 90%;
579   align-items: center;
580   background-color: whitesmoke;
581 }
582
583 .payment{
584   width: 90%;
585   padding: 20px;
586 }
587 }
```

App.js

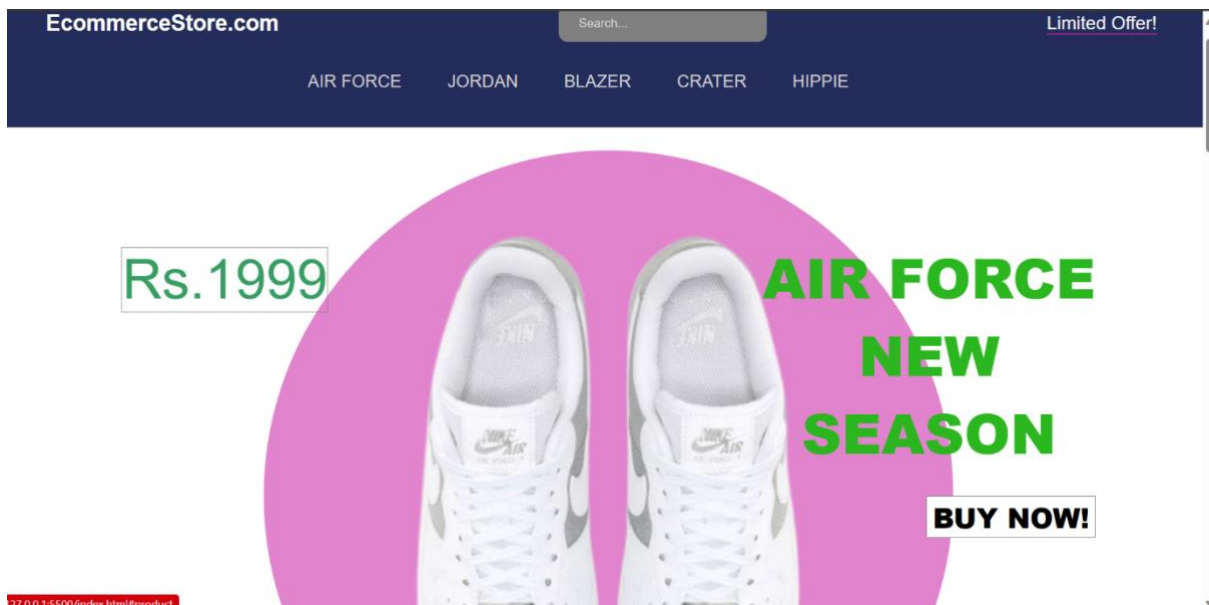
```
index.html # style.css JS app.js
JS app.js > ...
1 const wrapper = document.querySelector(".sliderWrapper");
2 const menuItems = document.querySelectorAll(".menuItem");
3 const products = [
4   {
5     id: 1,
6     title: "Air Force",
7     price: 119,
8     colors: [
9       {
10        code: "black",
11        img: "../img/air.png",
12      },
13      {
14        code: "darkblue",
15        img: "../img/air2.png",
16      },
17    ],
18   },
19   {
20     id: 2,
21     title: "Air Jordan",
22     price: 149,
23     colors: [
24       {
25        code: "lightgray",
26        img: "../img/jordan.png",
27      },
28       {
29        code: "green",
30        img: "../img/jordan2.png",
31      },
32    ],
33   },
34   {
35     id: 3,
36     title: "Blazer",
37     price: 109,
```

```
index.html # style.css JS app.js
JS app.js > ...
38   colors: [
39     {
40       code: "lightgray",
41       img: "./img/blazer.png",
42     },
43     {
44       code: "green",
45       img: "./img/blazer2.png",
46     },
47   ],
48 },
49 {
50   id: 4,
51   title: "Crater",
52   price: 129,
53   colors: [
54     {
55       code: "black",
56       img: "./img/crater.png",
57     },
58     // {
59     //   code: "lightgray",
60     //   img: "./img/crater2.png",
61     // },
62   ],
63 },
64 },
65 {
66   id: 5,
67   title: "Hippie",
68   price: 99,
69   colors: [
70     {
71       code: "gray",
72       img: "./img/hippie.png",
73     },
74     {
```

```
index.html # style.css JS app.js
JS app.js > ...
75     code: "black",
76     img: "./img/hippie2.png",
77   },
78 ],
79 },
80 ];
81
82 let choosenProduct = products[0];
83
84 const currentProductImg = document.querySelector(".productImg");
85 const currentProductTitle = document.querySelector(".productTitle");
86 const currentProductPrice = document.querySelector(".productPrice");
87 const currentProductColors = document.querySelectorAll(".color");
88 const currentProductSizes = document.querySelectorAll(".size");
89
90 menuItems.forEach((item, index) => {
91   item.addEventListener("click", () => {
92     //change the current slide
93     wrapper.style.transform = `translateX(${ -100 * index}vw)`;
94
95     //change the choosen product
96     choosenProduct = products[index];
97
98     //change texts of currentProduct
99     currentProductTitle.textContent = choosenProduct.title;
100    currentProductPrice.textContent = "$" + choosenProduct.price;
101    currentProductImg.src = choosenProduct.colors[0].img;
102
103    //assing new colors
104    currentProductColors.forEach((color, index) => {
105      color.style.backgroundColor = choosenProduct.colors[index].code;
106    });
107  });
108 });
109
110 currentProductColors.forEach((color, index) => {
111   color.addEventListener("click", () => {
```

```
index.html # style.css JS app.js
JS app.js > ...
111 color.addEventListener("click", () => {
112   currentProductImg.src = chosenProduct.colors[index].img;
113 });
114 });
115
116 currentProductSizes.forEach((size, index) => {
117   size.addEventListener("click", () => {
118     currentProductSizes.forEach((size) => {
119       size.style.backgroundColor = "white";
120       size.style.color = "black";
121     });
122     size.style.backgroundColor = "black";
123     size.style.color = "white";
124   });
125 });
126
127 const productButton = document.querySelector(".productButton");
128 const payment = document.querySelector(".payment");
129 const close = document.querySelector(".close");
130
131 productButton.addEventListener("click", () => {
132   payment.style.display = "flex";
133 });
134
135 close.addEventListener("click", () => {
136   payment.style.display = "none";
137 });
```

Output:



An e-commerce project is a complex endeavor that involves various stakeholders, from developers and designers to marketers and customer support teams. Success in e-commerce often depends on the ability to adapt to changing market conditions and customer preferences while maintaining a seamless and secure online shopping experience.