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 choosen Product .

Next, we need to get hold of all of the information about choosen 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 choosenProduct , 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

```html
38        </nav>
39        <div class="slider">
40            <div class="sliderWrapper">
41                <div class="sliderItem">
42                    <img decoding="async" src="./img/air.png" alt="" class="sliderImg" id="firsts">
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                    <img decoding="async" src="./img/jordan.png" alt="" class="sliderImg" id="jordan">
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                    <img decoding="async" src="./img/blazer.png" alt="" class="sliderImg" id="thirds">
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                    <img decoding="async" src="./img/crater.png" alt="" class="sliderImg" id="crater">
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>
```

```html
74                        <button class="buyButton">BUY NOW!</button>
75                    </a>
76                </div>
77                <div class="sliderItem">
78                    <img decoding="async" src="./img/hippie.png" alt="" class="sliderImg">
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><img decoding="async" src="./img/shipping.png" alt="" class="featureIcon"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%2
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><img decoding="async" class="featureIcon" src="./img/return.png" alt=""></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><img decoding="async" class="featureIcon" src="./img/gift.png" alt=""></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><img decoding="async" class="featureIcon" src="./img/contact.png" alt=""></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>
```

```
111
112        <div class="product" id="product">
113            <noscript><img decoding="async" src="./img/air.png" alt="" class="productImg"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%22http://ww
114            <div class="productDetails">
115                <h1 class="productTitle">AIR FORCE</h1>
116                <h2 class="productPrice">Rs 1999</h2>
117                <p class="productDesc">Lorem ipsum dolor sit amet consectetur impal adipisicing elit. Alias assumenda
118                    dolorum
119                    doloremque sapiente aliquid aperiam.</p>
120                <div class="colors">
121                    <div class="color"></div>
122                    <div class="color"></div>
123                </div>
124                <div class="sizes">
125                    <div class="size">42</div>
126                    <div class="size">43</div>
127                    <div class="size">44</div>o
128                </div>
129                <button class="productButton">BUY NOW!</button>
130            </div>
131            <div class="payment">
132                <h1 class="payTitle">Personal Information</h1>
133                <label>Name and Surname</label>
134                <input type="text" placeholder="John Doe" class="payInput">
135                <label>Phone Number</label>
136                <input type="text" placeholder="+1 234 5678" class="payInput">
137                <label>Address</label>
138                <input type="text" placeholder="Elton St 21 22-145" class="payInput">
139                <h1 class="payTitle">Card Information</h1>
140                <div class="cardIcons">
141                    <noscript><img decoding="async" src="./img/visa.png" width="40" alt="" class="cardIcon"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20
142                    <noscript><img decoding="async" src="./img/master.png" alt="" width="40" class="cardIcon"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%
143                </div>
144                <input type="password" class="payInput" placeholder="Card Number">
145                <div class="cardInfo">
146                    <input type="text" placeholder="mm" class="payInput sm">
147                    <input type="text" placeholder="mm" class="payInput sm">
```

```
147                    <input type="text" placeholder="yyyy" class="payInput sm">
148                    <input type="text" placeholder="cvv" class="payInput sm">
149                </div>
150                <button class="payButton">Checkout!</button>
151                <span class="close">X</span>
152            </div>
153        </div>
154        <div class="gallery">
155            <div class="galleryItem">
156                <h1 class="galleryTitle">Be Yourself!</h1>
157                <noscript><img decoding="async" src="https://images.pexels.com/photos/13159244/pexels-photo-13159244.jpeg"
158                    alt="" class="galleryImg"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%22http://www.w3.org/2000/svg%22%20viewBox=%220%200%20%2
159                    alt="" class=" lazy  galleryImg">
160            </div>
161            <div class="galleryItem">
162                <noscript><img decoding="async" src="https://images.pexels.com/photos/2982100/pexels-photo-2982100.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=1"
163                    alt="" class="galleryImg"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%22http://www.w3.org/2000/svg%22%20viewBox=%220%200%20%2
164                    alt="" class=" lazy  galleryImg">
165                <h1 class="galleryTitle">This is the First Day of Your New Life</h1>
166            </div>
167            <div class="galleryItem">
168                <h1 class="galleryTitle">Just Do it!</h1>
169                <noscript><img decoding="async" src="https://images.pexels.com/photos/1018911/pexels-photo-1018911.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=1"
170                    alt="" class="galleryImg"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%22http://www.w3.org/2000/svg%22%20viewBox=%220%200%20%2
171                    alt="" class=" lazy  galleryImg">
172            </div>
173        </div>
174        <div class="newSeason">
175            <div class="nsItem">
176                <noscript><img decoding="async" src="https://images.pexels.com/photos/34514/spot-runs-start-la.jpg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=1"
177                    alt="" class="nsImg"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%22http://www.w3.org/2000/svg%22%20viewBox=%220%200%20%22%
178                    alt="" class=" lazy  nsImg">
179            </div>
180            <div class="nsItem">
181                <h3 class="nsTitleSm">WINTER NEW ARRIVALS</h3>
182                <h1 class="nsTitle">New Season</h1>
183                <h1 class="nsTitle">New Collection</h1>
```

```html
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><img decoding="async" src="https://images.pexels.com/photos/7856965/pexels-photo-7856965.jpeg?auto=compress&cs=tinysrgb&dpr=2&w=500"
190                alt="" class="nsImg"></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="fMenuTitle">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="fMenuTitle">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="fMenuTitle">Products</h1>
218                <ul class="fList">
219                    <li class="fListItem">Air Force</li>
```

```html
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="fMenuTitle">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="fMenuTitle">Follow Us</h1>
237                <div class="fIcons">
238                    <noscript><img decoding="async" src="./img/facebook.png" alt="" class="fIcon"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=
239                    <noscript><img decoding="async" src="./img/twitter.png" alt="" class="fIcon"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%
240                    <noscript><img decoding="async" src="./img/instagram.png" alt="" class="fIcon"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns
241                    <noscript><img decoding="async" src="./img/whatsapp.png" alt="" class="fIcon"></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

```css
html {
    scroll-behavior: smooth;
    font-family: 'League Spartan', sans-serif;
    font-family: 'Nunito', sans-serif;
    font-family: 'Palanquin Dark', sans-serif;
    font-family: 'Roboto Slab', serif;


}

body {
    font-family: "Lato", sans-serif;
    padding: 0;
    margin: 0;
}

nav {
    /* background-color: #111; */
    background-color: #232c5b;
    color: white;
    padding: 20px 50px;
}

.navTop {
    display: flex;
    align-items: center;
    justify-content: space-between;
}

.search {
    display: flex;
    align-items: center;
    background-color: gray;
    padding: 10px 20px;
    border-radius: 10px;
}

.searchInput {
```

```css
.searchInput {
    border: none;
    background-color: transparent;
}

.searchInput::placeholder {
    color: lightgray;
}

.limitedOffer {
    font-size: 20px;
    border-bottom: 2px solid rgb(194, 40, 156);
    cursor: pointer;
}

.navBottom {
    display: flex;
    align-items: center;
    justify-content: center;
}

.menuItem {
    margin-right: 50px;
    cursor: pointer;
    color: lightgray;
    font-weight: 400;
}

.slider {
    background: url(data:image/svg+xml,%3Csvg%20xmlns=%22http://www.w3.org/2000/svg%22%20viewBox=%220%200%20%20%22%3E%3C/svg%3E#)https://images.pexels.com/photos/7078622/
    /* background: url("https://images.unsplash.com/photo-1604147495798-57beb5d6af73?ixlib=rb-1.2.1&ixid=MnwxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8&auto=format&fit=crop
    clip-path: polygon(0 0, 100% 0, 100% 100%, 0 85%);
    overflow: hidden;
}

.sliderWrapper {
```

```css
 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{
```

```css
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;
```

```css
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
```

```css
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        .product {
```

```css
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;
```

```css
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;
```

```css
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
```

```css
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: 1px 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;
```

```css
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;
```

```css
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;
```

```css
432        padding: 0;
433        list-style: none;
434    }
435
436    .fListItem {
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    }
```

```css
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%;
```

```css
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        padding: 0;
```

```css
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{
```

```css
.footerRight{
    padding: 20px;
    width: 90%;
    align-items: center;
    background-color: whitesmoke;
}

.payment{
    width: 90%;
    padding: 20px;
}
}
```

App.js

```javascript
const wrapper = document.querySelector(".sliderWrapper");
const menuItems = document.querySelectorAll(".menuItem");
const products = [
  {
    id: 1,
    title: "Air Force",
    price: 119,
    colors: [
      {
        code: "black",
        img: "./img/air.png",
      },
      {
        code: "darkblue",
        img: "./img/air2.png",
      },
    ],
  },
  {
    id: 2,
    title: "Air Jordan",
    price: 149,
    colors: [
      {
        code: "lightgray",
        img: "./img/jordan.png",
      },
      {
        code: "green",
        img: "./img/jordan2.png",
      },
    ],
  },
  {
    id: 3,
    title: "Blazer",
    price: 109,
```

```javascript
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          {
```

```javascript
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", () => {
```

```
JS app.js > ...
111    color.addEventListener("click", () => {
112        currentProductImg.src = choosenProduct.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:
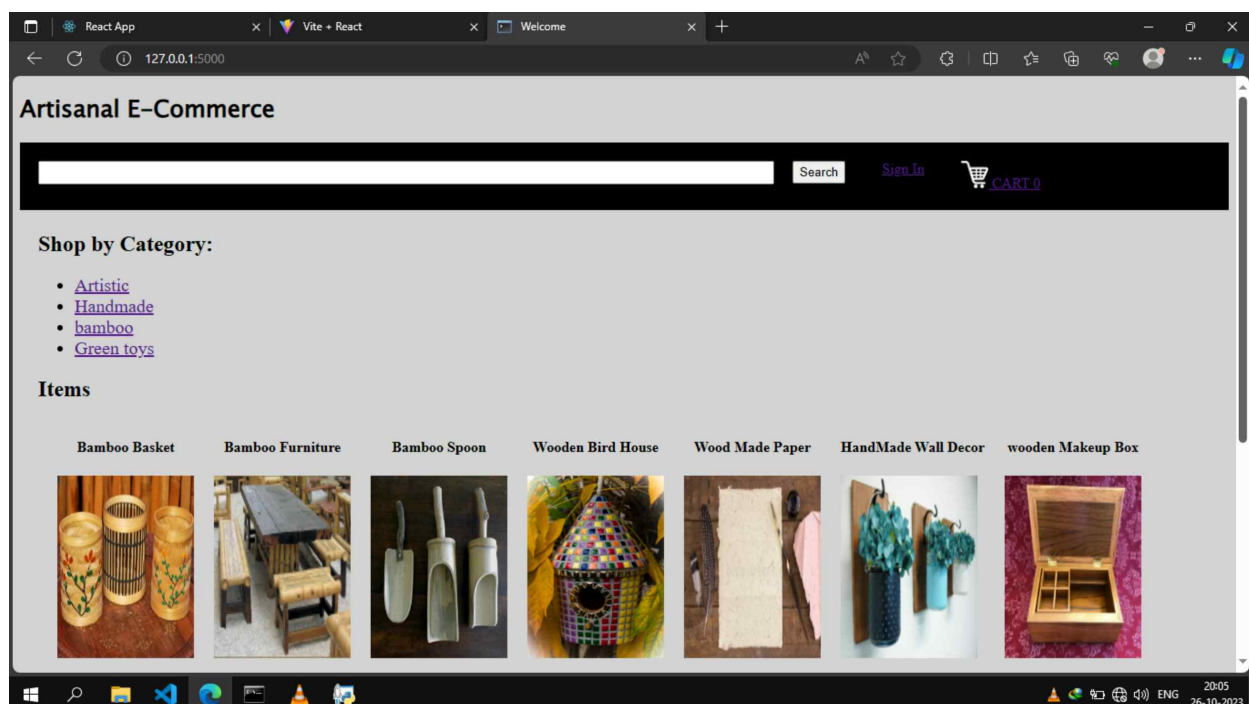
An e-commerce project is a complex endeavor that involves various stakeholders, from developers and designers to marketers and customer support teams. Success in e-commerce often depends on the ability to adapt to changing market conditions and customer preferences while maintaining a seamless and secure online shopping experience.