

UNIVERSIDAD **DON BOSCO**



DISEÑO Y PROGRAMACIÓN DE SOFTWARE MULTIPLATAFORMA

FACULTAD DE INGENIERÍA
ESCUELA DE COMPUTACIÓN

ASESOR:

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GUÍA 3:

REACT , PARTE II

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DPS104 G07L

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ANTIGUO CUSCATLÁN

APP.JS

```
JS App.js U X
G3 > cart-react > src > JS App.js > App
1  import { useState } from 'react';
2  import { Header } from './components/Headers';
3  import { ProductList } from './components/ProductList';
4  function App() {
5    const [allProducts, setAllProducts] = useState([]);
6    const [total, setTotal] = useState(0);
7    const [countProducts, setCountProducts] = useState(0);
8    return (
9      <>
10     <Header
11       allProducts={allProducts}
12       setAllProducts={setAllProducts}
13       total={total}
14       setTotal={setTotal}
15       countProducts={countProducts}
16       setCountProducts={setCountProducts}
17     />
18     <ProductList
19       allProducts={allProducts}
20       setAllProducts={setAllProducts}
21       total={total}
22       setTotal={setTotal}
23       countProducts={countProducts}
24       setCountProducts={setCountProducts}
25     />
26   </>
27 );
28 }
29
30 export default App;
```

HEADERS.JSX

```
cart-react > src > components > Headers.jsx > Header
1  import { useState } from 'react';
2  export const Header = ({
3    allProducts,
4    setAllProducts,
5    total,
6    countProducts,
7    setCountProducts,
8    setTotal,
9  }) => {
10    const [active, setActive] = useState(false);
11    const onDeleteProduct = product => {
12      const results = allProducts.filter(
13        item => item.id !== product.id
14      );
15      setTotal(total - product.price * product.quantity);
16      setCountProducts(countProducts - product.quantity);
17      setAllProducts(results);
18    };
19    const onCleanCart = () => {
20      setAllProducts([]);
21      setTotal(0);
22      setCountProducts(0);
23    };
24    return (
25      <header>
26        <h1>Tienda de Libros</h1>
27        <div className='container-icon'>
28          <div
29            className='container-cart-icon'
30            onClick={() => setActive(!active)}
31          >
32            <i class="bi bi-cart-fill icon-cart"></i>
33            <div className='count-products'>
```

```

34              <div className='row-product'>
35                <div className='cart-product'>
36                  <div className='info-cart-product'>
37                    <span className='cantidad-productocarrito'>
38                      {product.quantity}
39                    </span>
40                    <p className='titulo-productocarrito'>
41                      {product.title}
42                    </p>
43                    <span className='precio-productocarrito'>
44                      ${product.price}
45                    </span>
46                  </div>
47                   onDeleteProduct(product)}
52                  />
53                </div>
54              </div>
55            </div>
56            <div className='cart-total'>
57              <h3>Total:</h3>
58              <span className='total-pagar'>${total}</span>
59            </div>
60            <button className='btn-clear-all'
61              onClick={onCleanCart}>
62              Vaciar Carrito
63            </button>
64          </div>
65        </div>
66      </header>
67    );
68  };
69  );
```

```

70    <div className='row-product'>
71      <div className='cart-product'>
72        <div className='info-cart-product'>
73          <span className='cantidad-productocarrito'>
74            {product.quantity}
75          </span>
76          <p className='titulo-productocarrito'>
77            {product.title}
78          </p>
79          <span className='precio-productocarrito'>
80            ${product.price}
81          </span>
82        </div>
83         onDeleteProduct(product)}
88        />
89      </div>
90    </div>
91    <div className='cart-total'>
92      <h3>Total:</h3>
93      <span className='total-pagar'>${total}</span>
94    </div>
95    <button className='btn-clear-all'
96      onClick={onCleanCart}>
97      Vaciar Carrito
98    </button>
99  </div>
100</div>
101</header>
102);
103);
```

PRODUCTLIST.JSX

```
ProductList.jsx U X
G3 > cart-react > src > components > ProductList.jsx > ...
1  import React from "react";
2  import { data } from "../data";
3  export const ProductList = ({
4    allProducts,
5    setAllProducts,
6    countProducts,
7    setCountProducts,
8    total,
9    setTotal,
10 }) => {
11    const onAddProduct = product => {
12      if (allProducts.find(item => item.id === product.id)) {
13        const products = allProducts.map(item =>
14          item.id === product.id
15            ? { ...item, quantity: item.quantity + 1 }
16            : item
17        );
18        setTotal(total + product.price * product.quantity);
19        setCountProducts(countProducts + product.quantity);
20        return setAllProducts([...products]);
21      }
22      setTotal(total + product.price * product.quantity);
23      setCountProducts(countProducts + product.quantity);
24      setAllProducts([...allProducts, product]);
25    };
26  }
```

```
26
27  return (
28    <div className='container-items'>
29      {data.map(product => (
30        <div className='item' key={product.id}>
31          <figure>
32            <img src={product.urlImage} alt={product.title} />
33          </figure>
34          <div className='info-product'>
35            <h2>{product.nameProduct}</h2>
36            <p className='price'>${product.price}</p>
37            <button onClick={() => onAddProduct(product)}>
38              Añadir al carrito
39            </button>
40          </div>
41        </div>
42      )]}
43    </div>
44  );
45  };
```

Tienda de Libros



\$100

Añadir al carrito



\$190

Añadir al carrito



\$30

Añadir al carrito



\$30



\$390

Tienda de Libros



\$100

Añadir al carrito



\$190

Añadir al carrito



\$30

Añadir al carrito



\$30



\$390

1	Cien años de soledad	\$100	✖
1	El señor de los anillos(Trilogia)	\$190	✖
3	Cuentos de Barro	\$30	✖
Total:		\$380	
Vaciar Carrito			