

PROJECT DEVELOPMENT PHASE

SPRINT - 4

DATE	17 NOVEMBER 2022
TEAM ID	PNT2022TMID27230
PROJECT NAME	SMART FASHION RECOMMENDER APPLICATION

Javascript code for adding and removing item from the cart

```
let productsInCart = JSON.parse(localStorage.getItem('shoppingCart'));
if(!productsInCart){
    productsInCart = [];
}
const parentElement = document.querySelector('#buyItems');
const cartSumPrice = document.querySelector('#sum-prices');
const products = document.querySelectorAll('.product-under');

const countTheSumPrice = function () { // 4
    let sum = 0;
    productsInCart.forEach(item => {
        sum += item.price;
    });
    return sum;
}

const updateShoppingCartHTML = function () { // 3
    localStorage.setItem('shoppingCart', JSON.stringify(productsInCart));
    if (productsInCart.length > 0) {
        let result = productsInCart.map(product => {
            return `
                <li class="buyItem">
                    
                    <div>
                        <h5>${product.name}</h5>
                        <h6>${product.price}</h6>
                        <div>
                            <button class="button-minus" data-
id=${product.id}>-</button>
                            <span
class="countOfProduct">${product.count}</span>
                            <button class="button-plus" data-
id=${product.id}>+</button>
                        </div>
                    </div>
                </li>
            `;
        });
    }
}
```

```

        </div>
      </li>`
    });
    parentElement.innerHTML = result.join('');
    document.querySelector('.checkout').classList.remove('hidden');
    cartSumPrice.innerHTML = '$' + countTheSumPrice();

  }
  else {
    document.querySelector('.checkout').classList.add('hidden');
    parentElement.innerHTML = '<h4 class="empty">Your shopping cart is
empty</h4>';
    cartSumPrice.innerHTML = '';
  }
}

function updateProductsInCart(product) { // 2
  for (let i = 0; i < productsInCart.length; i++) {
    if (productsInCart[i].id == product.id) {
      productsInCart[i].count += 1;
      productsInCart[i].price = productsInCart[i].basePrice *
productsInCart[i].count;
      return;
    }
  }
  productsInCart.push(product);
}

products.forEach(item => { // 1
  item.addEventListener('click', (e) => {
    if (e.target.classList.contains('addToCart')) {
      const productID = e.target.dataset.productId;
      const productName = item.querySelector('.productName').innerHTML;
      const productPrice = item.querySelector('.priceValue').innerHTML;
      const productImage = item.querySelector('img').src;
      let product = {
        name: productName,
        image: productImage,
        id: productID,
        count: 1,
        price: +productPrice,
        basePrice: +productPrice,
      }
      updateProductsInCart(product);
      updateShoppingCartHTML();
    }
  });
});
});

```

```

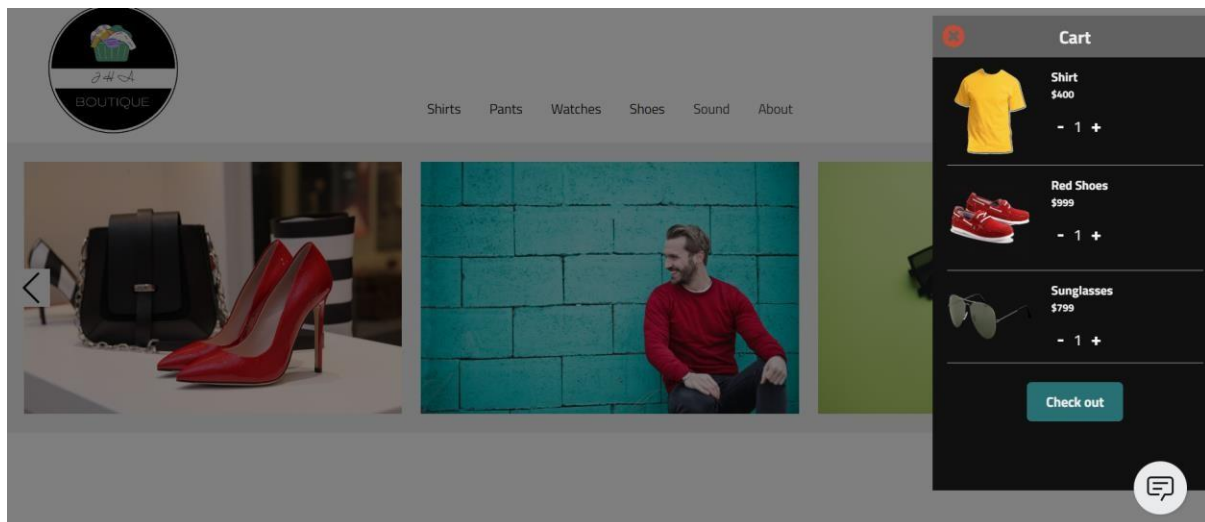
parentElement.addEventListener('click', (e) => { // Last
  const isPlusButton = e.target.classList.contains('button-plus');
  const isMinusButton = e.target.classList.contains('button-minus');
  if (isPlusButton || isMinusButton) {
    for (let i = 0; i < productsInCart.length; i++) {
      if (productsInCart[i].id == e.target.dataset.id) {
        if (isPlusButton) {
          productsInCart[i].count += 1
        }
        else if (isMinusButton) {
          productsInCart[i].count -= 1
        }
        productsInCart[i].price = productsInCart[i].basePrice *
productsInCart[i].count;

      }
      if (productsInCart[i].count <= 0) {
        productsInCart.splice(i, 1);
      }
    }
    updateShoppingCartHTML();
  }
});

updateShoppingCartHTML();

```

OUTPUT





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Cart

Your shopping cart is empty