PROJECT DEVELOPMENT PHASE

SPRINT - 4

TEAM ID	PNT2022TMID25340
PROJECT NAME	SMART FASHION RECOMMENDER APPLICATION

Javascript code for adding and removing item from the cart

```javascript
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">
                <img src="${product.image}">
                <div>
                    <h5>${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>`
            }); 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();
        }
    });
});
```
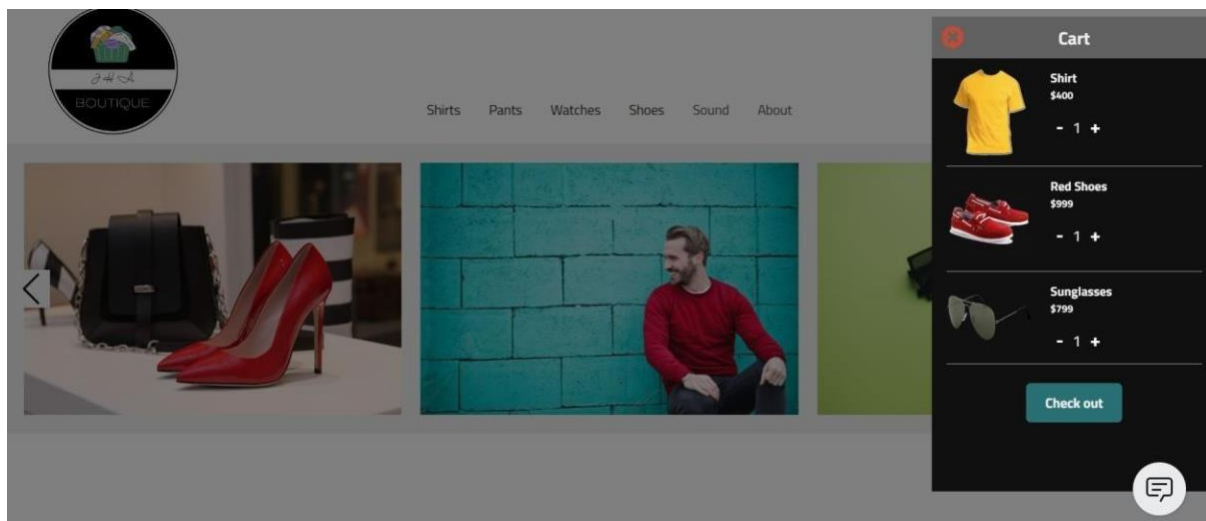
```
parentElement.addEventListener('click', (e) => { // Last const isPlusButton
    = e.target.classList.contains('button-plus'); const isMinusButton =
    e.target.classList.contains('button-minus'); if (isPlusButton ||
    isMinusButton) { for (let i = 0; i < productsInCart.length; i++) { if
    (productsInCart[i].id == 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

Shirts   Pants   Watches   Shoes   Sound   About

Cart

Your shopping cart is empty