PROJECT DEVELOPMENT PHASE
SPRINT-4

Team ID	PNT2022TMID36938
Project Name	Project - 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();
        }
    });
});
```

```javascript
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();
```