Shopping Cart - Decrement / Remove Item

Decrement / Remove Item from the Shopping Cart

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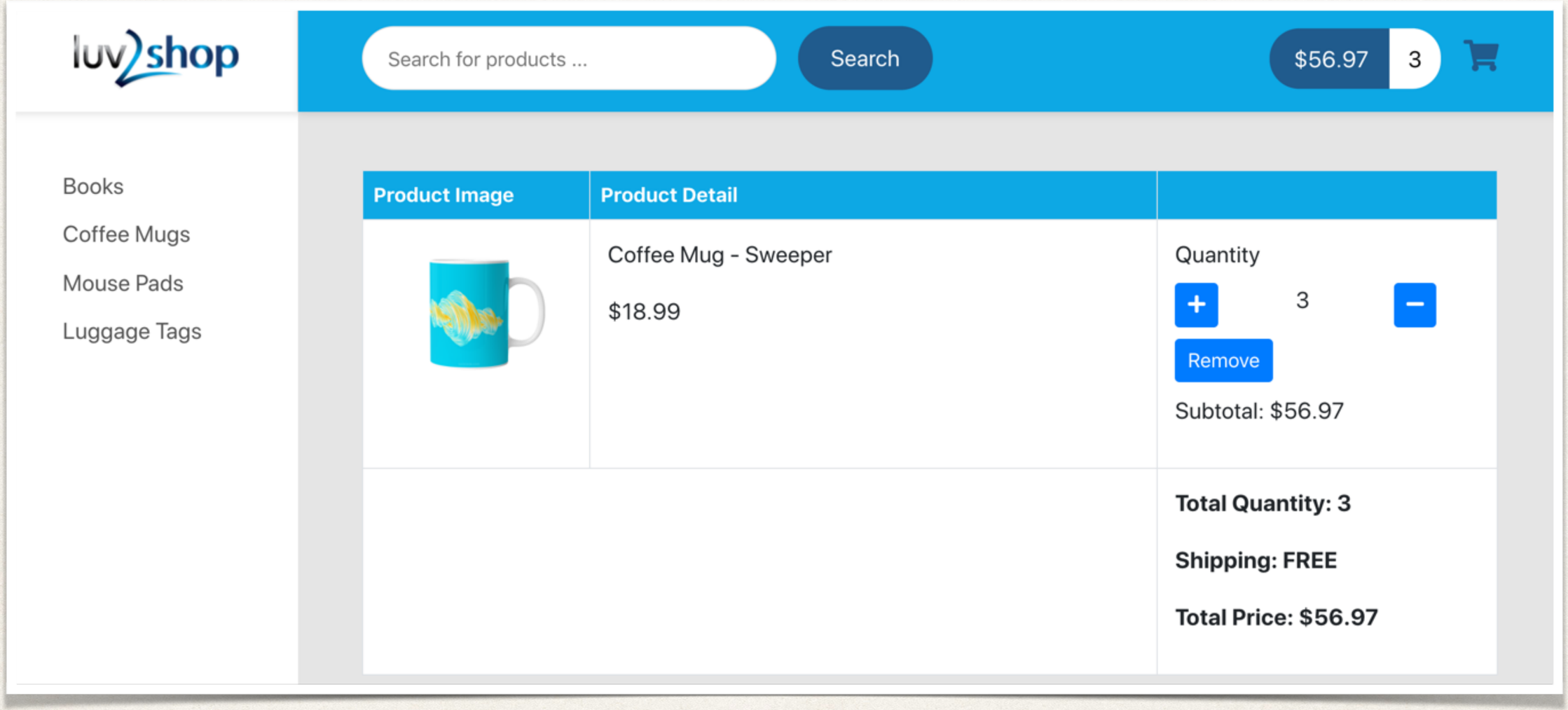
Decrement / Remove Item from the Shopping Cart



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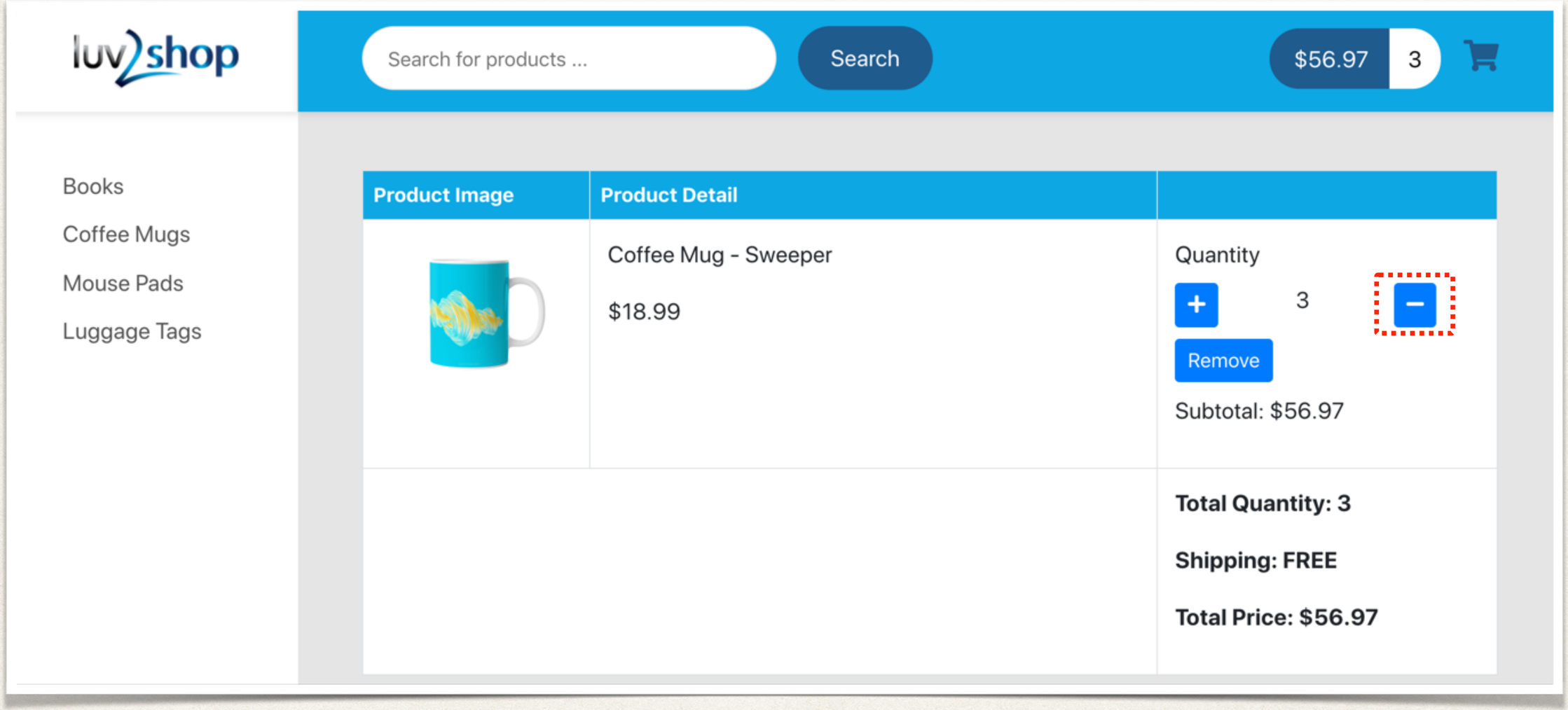
Decrement / Remove Item from the Shopping Cart



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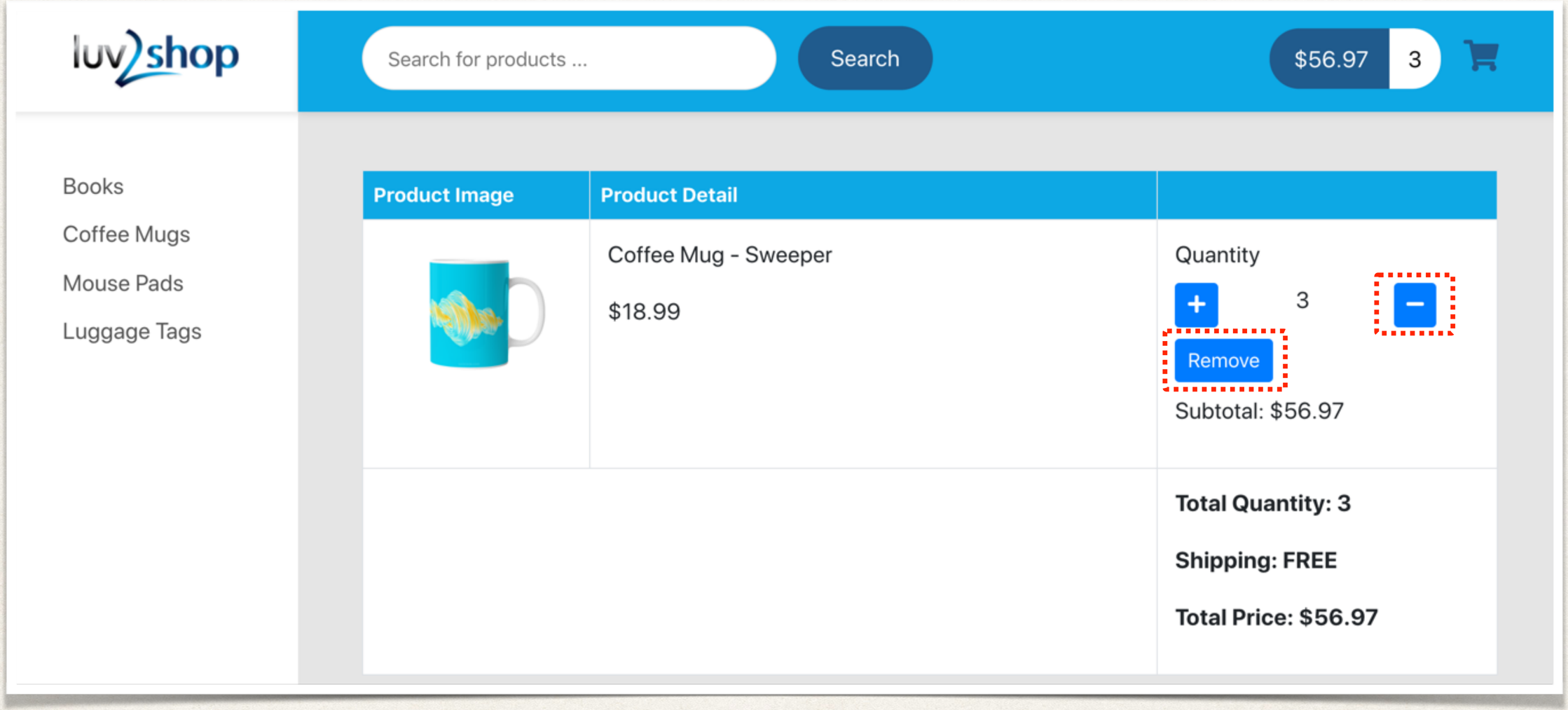
Decrement / Remove Item from the Shopping Cart



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Development Process

Step-By-Step

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Development Process

Step-By-Step

1. Add click handler for the "decrement" button on HTML template

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Development Process

Step-By-Step

1. Add click handler for the "decrement" button on HTML template
2. Update CartDetailsComponent with click handler method

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Development Process

Step-By-Step

1. Add click handler for the "decrement" button on HTML template
2. Update CartDetailsComponent with click handler method
3. Modify CartService with supporting method

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Development Process

Step-By-Step

1. Add click handler for the "decrement" button on HTML template
2. Update CartDetailsComponent with click handler method
3. Modify CartService with supporting method
4. Repeat process for "Remove" button

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Step 1: Modify CartDetailsComponent HTML template

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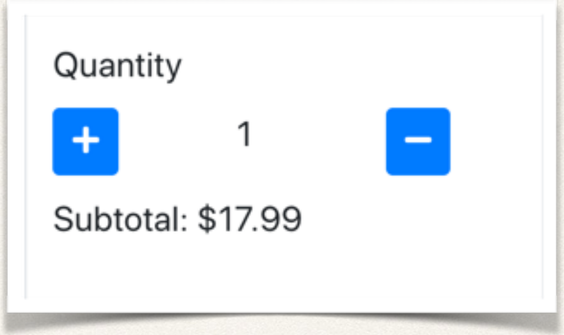
Step 1: Modify CartDetailsComponent HTML template



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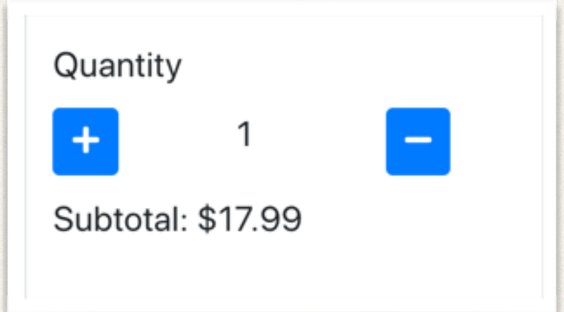
Step 1: Modify CartDetailsComponent HTML template



File: cart-details.component.html

```
...
<button (click)="decrementQuantity(tempCartItem)" class="btn btn-primary btn-sm"><i class="fas fa-minus"></i></button>
...
```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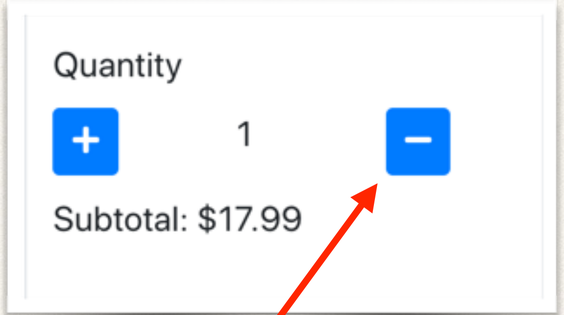
Step 1: Modify CartDetailsComponent HTML template



File: cart-details.component.html

```
...
<button (click)="decrementQuantity(tempCartItem)" class="btn btn-primary btn-sm"><i class="fas fa-minus"></i></button>
...
```

Font Awesome "Minus" icon

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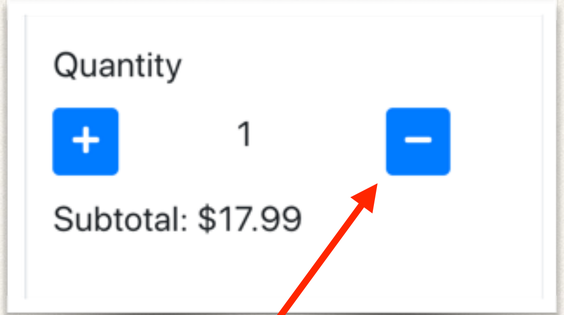
Step 1: Modify CartDetailsComponent HTML template



File: cart-details.component.html

```
...
<button (click)="decrementQuantity(tempCartItem)" class="btn btn-primary btn-sm"><i class="fas fa-minus"></i></button>
...
```

On click event
call the method: `decrementQuantity(...)`

Font Awesome
"Minus" icon

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Step 2: Update CartDetailsComponent with click handler method

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Step 2: Update CartDetailsComponent with click handler method

File: cart-details.component.ts

```
decrementQuantity(theCartItem: CartItem) {
  this.cartService.decrementQuantity(theCartItem);
}
```


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Step 3: Modify CartService with supporting method

File: cart.service.ts

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Step 3: Modify CartService with supporting method

File: cart.service.ts

```
decrementQuantity(theCartItem: CartItem) {
```


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Step 3: Modify CartService with supporting method

File: cart.service.ts

```
decrementQuantity(theCartItem: CartItem) {

  theCartItem.quantity--;
```


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Step 3: Modify CartService with supporting method

File: cart.service.ts

```
decrementQuantity(theCartItem: CartItem) {

  theCartItem.quantity--;

  if (theCartItem.quantity === 0) {
    this.remove(theCartItem);
  }
```


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Step 3: Modify CartService with supporting method

File: cart.service.ts

```
decrementQuantity(theCartItem: CartItem) {

  theCartItem.quantity--;

  if (theCartItem.quantity === 0) {
    this.remove(theCartItem);
  }
  else {
    this.computeCartTotals();
  }
}
```


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Step 3: Modify CartService with supporting method

File: cart.service.ts

```
decrementQuantity(theCartItem: CartItem) {

  theCartItem.quantity--;

  if (theCartItem.quantity === 0) {
    this.remove(theCartItem);
  }
  else {
    this.computeCartTotals();
  }
}
```

```
remove(theCartItem: CartItem) {
```


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Step 3: Modify CartService with supporting method

File: cart.service.ts

```
decrementQuantity(theCartItem: CartItem) {

  theCartItem.quantity--;

  if (theCartItem.quantity === 0) {
    this.remove(theCartItem);
  }
  else {
    this.computeCartTotals();
  }
}
```

```
remove(theCartItem: CartItem) {

  // get index of item in the array
  const itemIndex = this.cartItems.findIndex(
                                tempCartItem => tempCartItem.id == theCartItem.id);
```


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Step 3: Modify CartService with supporting method

File: cart.service.ts

```
decrementQuantity(theCartItem: CartItem) {

  theCartItem.quantity--;

  if (theCartItem.quantity === 0) {
    this.remove(theCartItem);
  }
  else {
    this.computeCartTotals();
  }
}
```

```
remove(theCartItem: CartItem) {

  // get index of item in the array
  const itemIndex = this.cartItems.findIndex(
                              tempCartItem => tempCartItem.id == theCartItem.id);

  // if found, remove the item from the array at the given index
  if (itemIndex > -1) {
    this.cartItems.splice(itemIndex, 1);
```


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Step 3: Modify CartService with supporting method

File: cart.service.ts

```
decrementQuantity(theCartItem: CartItem) {

  theCartItem.quantity--;

  if (theCartItem.quantity === 0) {
    this.remove(theCartItem);
  }
  else {
    this.computeCartTotals();
  }
}
```

```
remove(theCartItem: CartItem) {

  // get index of item in the array
  const itemIndex = this.cartItems.findIndex(
                              tempCartItem => tempCartItem.id == theCartItem.id);

  // if found, remove the item from the array at the given index
  if (itemIndex > -1) {
    this.cartItems.splice(itemIndex, 1);

    this.computeCartTotals();
  }
}
```


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Step 3: Modify CartService with supporting method

File: cart.service.ts

```
decrementQuantity(theCartItem: CartItem) {

  theCartItem.quantity--;

  if (theCartItem.quantity === 0) {
    this.remove(theCartItem);
  }
  else {
    this.computeCartTotals();
  }
}
```

www.luv2code.com/array-splice

```
remove(theCartItem: CartItem) {

  // get index of item in the array
  const itemIndex = this.cartItems.findIndex(
                              tempCartItem => tempCartItem.id == theCartItem.id);

  // if found, remove the item from the array at the given index
  if (itemIndex > -1) {
    this.cartItems.splice(itemIndex, 1);

    this.computeCartTotals();
  }
}
```


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Step 4: "Remove" button

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Step 4: "Remove" button

File: cart-details.component.html

```
...
<button (click)="remove(tempCartItem)" class="btn btn-primary btn-sm">Remove</button>
...
```


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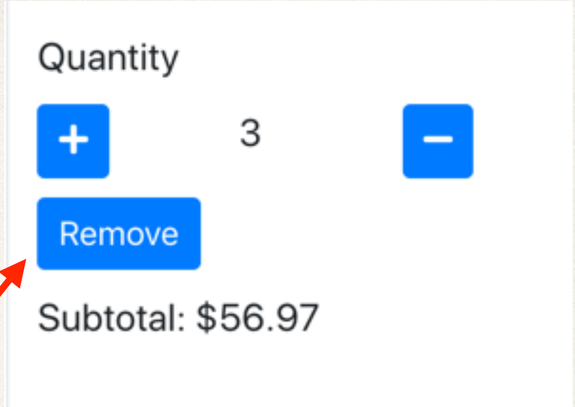
Step 4: "Remove" button



File: cart-details.component.html

```
...
<button (click)="remove(tempCartItem)" class="btn btn-primary btn-sm">Remove</button>
...
```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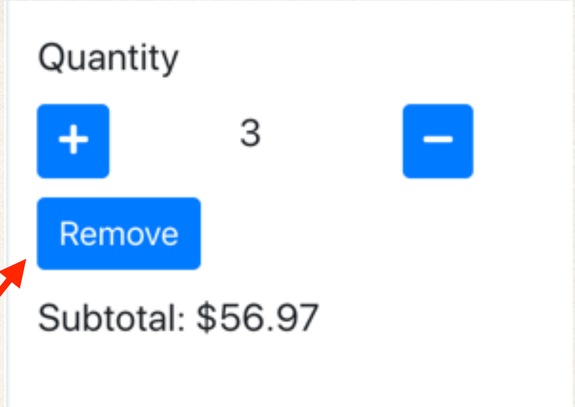
Step 4: "Remove" button



File: cart-details.component.html

```
...
<button (click)="remove(tempCartItem)" class="btn btn-primary btn-sm">Remove</button>
...
```

On click event
call the method: `remove(...)`

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Step 4: "Remove" button

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Step 4: "Remove" button

File: cart-details.component.ts

```
remove(theCartItem: CartItem) {
  this.cartService.remove(theCartItem);
}
```


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