

```

+-----+
|   Product   |
+-----+
| - name: String |
| - price: double|
| - quantity: int|
+-----+
| + getName()    |
| + getPrice()   |
| + isAvailable()|
+-----+

```

```

|
| (many)
v

```

```

+-----+
| ShoppingCart |
+-----+
| - items: List<Product> |
+-----+
| + addItem(Product)    |
| + calculateTotal()     |
| + getItems()           |
+-----+

```

```

|
| (one)
v

```

```

+-----+
| Customer  |
+-----+
| - name: String |
| - cart: ShoppingCart |
+-----+
| + getName()    |
| + addProductToCart() |
| + getCart()    |
+-----+

```