REQUIREMENTS TO THE BOOKSTORE SHOPPING CART

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Contents

I. Business requirements.

The online store is designed to expand the trading market and increase sales of books.

This document describes a requirements for a shopping cart as a one of the most important options of this store. It allows the buyer to make a shopping easily and quickly. It has a positive effect on the reputation of the store and its development as a whole.

Also the bookshop has a loyal discount system realized by promotion code.

II. User requirements

1. The user of this store can make purchases using the shopping cart (later "SC").
2. The user can add the item to the SC from the catalogue or Product Detail Page (later "PDP").
3. The user can change the quantity of items in the SC.
4. The user can back to the main catalogue page by clicking "Continue shopping" button.
5. The user sees the items information, price of each item and the total amount.
6. Pop-up box next to mini cart icon shows actual quantity and total sum.
7. The user can apply the promo code if he has it.
8. The user can immediately make a purchase or save the cart to do it later.
9. **"Guest"** is an unauthorized user.
10. **"User"** is an authorized user .
11. After clicking the "Login" button, **Guest** enters to the registration page.
12. A name and surname of **User** in the header are taken from a registration form.

Hi, John Smith!

3 items, 146.61 $

Item	Price	Quantity	Total
1 War and Peace Leo Tolstoy ID: 00125	52.11 $	− 1 + Update Remove	52.11 $
2 Romeo and Juliet William Shakespeare ID: 00534	47.25 $	− 2 + Update Remove	94.50 $

Total sum: 146.61 $

Promo ⑦

enter promo code   Apply

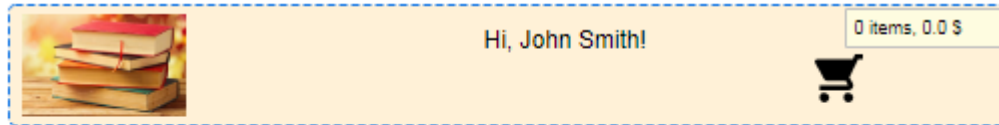Save   Fast check out   Continue shopping

FAQ

III. Functional requirements

1 Empty shopping cart.

1.1. **User/Guest** can enter in to the empty shopping cart only by clicking mini cart icon on the header.

1.2. In the pop-up box next to mini cart icon indicated "0 item, 0.0 $".

1.3. The message "Basket. Your shopping cart is empty" is on the left side of the page.

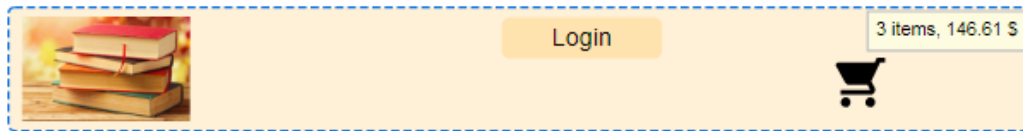1.4. After clicking "Continue shopping" button, **User/Guest** goes to the main catalogue page.
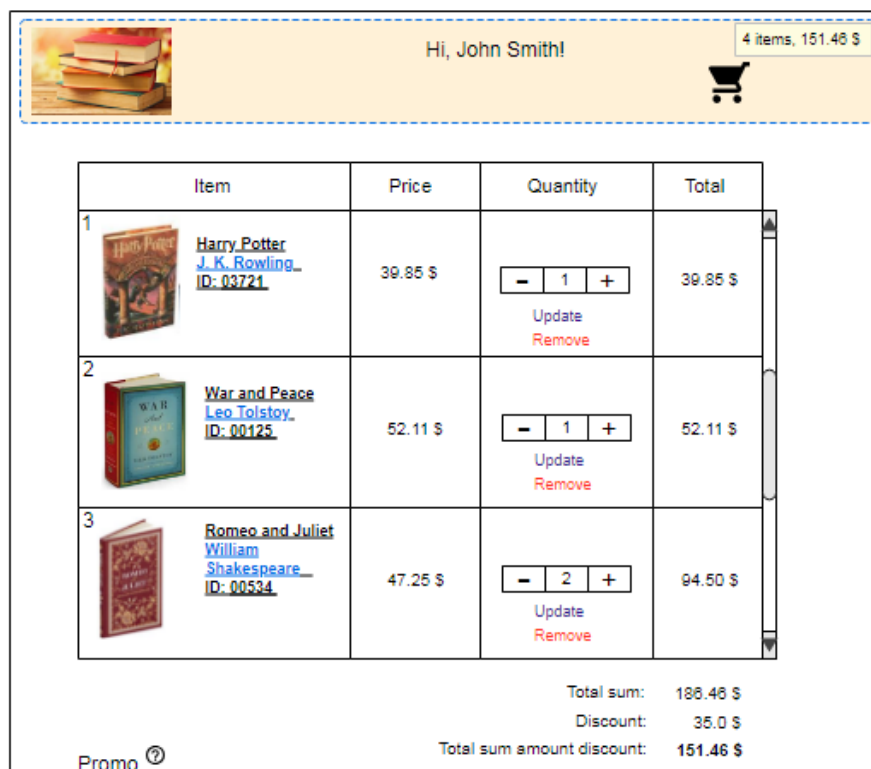
2 Full shopping cart.

2.1 **User/Guest** can enter in to the full shopping card from catalogue, PDP or by clicking mini cart icon on the top of page.

2.2 **User/Guest** can add items to shopping cart by clicking "Add to basket" from catalogue or PDP.

2.3 After adding item to the basket, the shopping cart page opens automatically.

2.4 The shopping cart shows the product information (name, author, id) , quantity, price, total and total sum.

2.5 On clicking "name", "author" or "id", **User/Guest** goes to the product detail page.

2.6 Pop-up box next to mini cart icon shows actual quantity and total sum.

	Item	Price	Quantity	Total
1	War and Peace Leo Tolstoy ID: 00125	52.11 $	− 1 + Update Remove	52.11 $
2	Romeo and Juliet William Shakespeare ID: 00534	47.25 $	− 2 + Update Remove	94.50 $

Total sum: 146.61 $

2.7 **User/Guest** can add endless quantity of items into the basket.

2.8 The last added item is displayed at the top of list.

2.9 A scrollbar is added if the table size is larger than 600 x 800 pixels.

	Item	Price	Quantity	Total
1	Harry Potter J. K. Rowling ID: 03721	39.85 $	− 1 + Update Remove	39.85 $
2	War and Peace Leo Tolstoy ID: 00125	52.11 $	− 1 + Update Remove	52.11 $
3	Romeo and Juliet William Shakespeare ID: 00534	47.25 $	− 2 + Update Remove	94.50 $

Total sum: 186.46 $
Discount: 35.0 $
Total sum amount discount: 151.46 $

Promo ⓘ

3 Items quantity

3.1 **User/Guest** can change quantity of items using "-" and "+" buttons, typing or inputting a value from keyboard and clicking "Update" button.

3.2 If the quantity of item is 0, then "-" button becomes disabled. **User/Guest** can use "+" button only.

3.3 If the quantity of item is 99, then "+" button becomes disabled. **User/Guest** can use "-" button only.

Quantity	Quantity
− 0 +	− 99 +
Update	Update
Remove	Remove

3.4 After clicking "Update" button, total and total sum recalculated automatically.

3.5 "Remove" button delete current item from shopping cart at all.

3.6 Also **User/Guest** can delete an item by setting the quantity to "0" and clicking "Update" button.
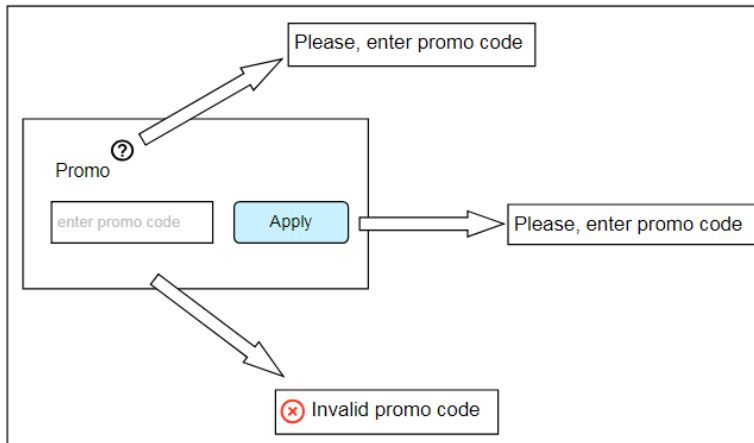
Hi, John Smith!

2 items, 99.36 $

Item	Price	Quantity	Total
1 War and Peace Leo Tolstoy ID: 00125	52.11 $	− 1 + Update Remove	52.11 $
2 Romeo and Juliet William Shakespeare ID: 00534	47.25 $	− 1 + Update Remove	47.25 $

Total sum: 99.36 $

4 Promotion

4.1 If **User/Guest** has promo code he can input it into the field "Promo" and click "Apply" button.

4.2 **User** can input discount sum or alphanumeric code.

4.3 **Guest** can input alphanumeric code only.

4.4 When **User/Guest** hovering cursor on "?" he sees a message "Please enter promo code".

4.5 If **User/Guest** has clicked "Apply" button with empty "promo code" field he sees a message "Please enter promo code".

4.6 If **User/Guest** has inputted not valid promo code, he sees an error message "Invalid promo code".

4.7 Case sensitivity of alphanumeric promo code (TBD)

4.8 After clicking "Apply" button **User/Guest** sees two additional lines: dicount sum and total sum amount discount.

5   Saving shopping cart.

5.1 After clicking the "Save" button, the contents of shopping card are saved.

5.2 For the **Guest**, the contents of the SC are kept for five days.

5.3 For the **User**, the contents of the SC are stored indefinitely.

5.4 An availability of items in stock is checked every time after returning to the shopping cart or refresh the browser page.

5.5 If the item is not in stock, the **User/Guest** sees the added line "Out of stock" in the information block. The total and the total sum are recalculated automatically.

5.6 Should the user see a message about the saving shopping cart? (TBD)

5.7 Should the item be removed or offered for removal from the cart if it is not in stock? (TBD)

				2 items, 64.36 $
	Hi, John Smith!		🛒	

	Item	Price	Quantity	Total
1	Harry Potter J. K. Rowling ID: 03721 **Out of stock**	39.85 $	− 0 + Update Remove	0.0 $
2	War and Peace Leo Tolstoy ID: 00125	52.11 $	− 1 + Update Remove	52.11 $
3	Romeo and Juliet William Shakespeare ID: 00534	47.25 $	− 1 + Update Remove	47.25 $

Total sum:	99.36 $
Discount:	35.0 $
Total sum amount discount:	64.36 $

Promo ⑦

[enter promo code] [Apply]

[Save]   [Fast check out]   [Continue shopping]

FAQ

6   Check out

6.1 After clicking the "Fast check out" button, **User** goes to the payment page.

| | | | Hi, John Smith! | | | 3 items, 111.61 $ |

	Item	Price	Quantity	Total
1	**War and Peace** Leo Tolstoy ID: 00125	52.11 $	– 1 + Update Remove	52.11 $
2	**Romeo and Juliet** William Shakespeare ID: 00534	47.25 $	– 2 + Update Remove	94.50 $

Total sum:	146.61 $
Discount:	35.0 $
Total sum amount discount:	**111.61 $**

Promo ⑦

[enter promo code] [Apply]

[Save]   [Fast check out]   [Continue shopping]

FAQ

6.2 After clicking the "Check out" button, **Guest** goes to the registration page.

| | | | Login | | | 3 items, 146.61 $ |

	Item	Price	Quantity	Total
1	**War and Peace** Leo Tolstoy ID: 00125	52.11 $	– 1 + Update Remove	52.11 $
2	**Romeo and Juliet** William Shakespeare ID: 00534	47.25 $	– 2 + Update Remove	94.50 $

Total sum:	146.61 $

Promo ⑦

[enter promo code] [Apply]

[Save]   [Check out]   [Continue shopping]

FAQ

IV. Non functional requirements

1. Location – USA
2. Language – english
3. Currency - USD
4. Time zone – local
5. Browser – IE11, Chrome, FireFox, Safari, Edge
6. User interface (button size, fonts and colors) (TBD)