

Title: User can buy the product for a negative amount and become rich.

Priority: Highest

ENVIRONMENT:

<https://juice-shop.herokuapp.com/#/search>

Production

BROWSER / Mobile OS Version:

Chromium Wersja 132.0.6834.84

Windows 11

STEPS TO REPRODUCE:

1. Open <https://juice-shop.herokuapp.com/#/search> in the browser built into Burp Suite - Chromium
2. Log in into platform
3. Add some items into basket
4. Go to „Your basket”
5. Increase the number of products in your basket using „+” sign.
6. Find Request **PUT /api/BasketItems/17 HTTP/1.1** in Burp Suite's Http History and send it to Repeater
7. In body, change the number of products in the cart to a negative value - click Send.
8. Go to browser - reload page.
9. Check Total price.
10. Complete your purchase

CURRENT BEHAVIOR:

7. It is possible to change the price to a negative value - there is status 200 OK in Response
8. The price is changed to a negative number.
10. User can buy the product for a negative amount - they don't pay for it at all.

EXPECTED BEHAVIOR:

7. It is not possible to change the price to a negative value in Burp Suite - there need be status 403 Forbidden in Response

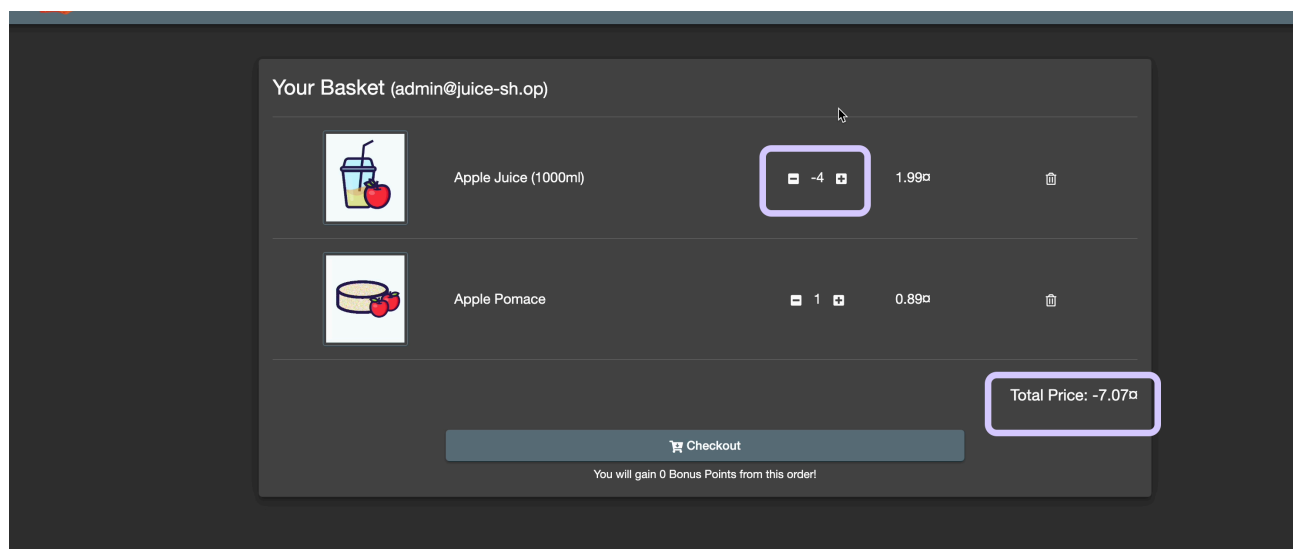
Additionally, the application should check whether a given user has the authority to change the price value.

8. The price should be unchanged.
The price should be a positive number, greater than 0.

10. User should can not buy the product for a negative amount and not pay for it at all.

ADDITIONAL INFORMATIONS:

Movie and logs (juice-shop.herokuapp.com.har) attached



Thank you for your purchase!

Your order has been placed and is being processed. You can check for status updates on our [Track Orders](#) page.

Your order will be delivered in 1 days.

Delivery Address

Administrator
0815 Test Street, Test, Test, 4711
Test
Phone Number 1234567890

Order Summary



Product	Price	Quantity	Total Price
Apple Juice (1000ml)	1.99₺	-4	-7.96₺
Apple Pomace	0.89₺	1	0.89₺
Items			-7.07₺
Delivery			0.99₺
Promotion			0.00₺
Total Price			-6.08₺

You have gained 0 Bonus Points from this order!

You successfully solved a challenge: Payback Time (Place an order that makes you rich.)

X

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