

Online shopping		
Test Scenarios		
TS No.	Description	Test Cases
TS-01	On the home page, user can browse all items and search them by entering the name or part of the name in the search box. Clicking on a specific item will open the item detail page.	TC-01, TC-02
TS-02	From the item detail page, user can add an item to the shopping cart. The shopping cart page displays the added items and allows user to remove them from the shopping cart.	TC-03, TC-04, TC-07
TS-03	The shopping cart page can be accessed from any page via a cart icon in the header. The number of items in the cart is displayed next to the icon.	TC-03, TC-04, TC-06
TS-04	From the shopping cart page, user can go to the checkout page if the cart is not empty. The checkout page will show user a list of all items from the shopping cart, their prices, the total price and the checkout form.	TC-05, TC-08
TS-05	User fills in the details required to complete the order on the checkout page. If they fills in all required fields, they can submit the order.	TC-09
TS-06	User will not be able to enter XSS code into the search box and compromise the security and integrity of the website.	TC-10

For the purpose of test cases, mock data with items and their prices was created		
Item name		Price
Fender Stratocaster American Professional II		\$1 699,99
Gibson Les Paul Standard 50s		\$2 499,00
Fender Precision Bass Player Plus		\$1 099,50
Taylor AD17e Acoustic-Electric Guitar		\$1 999,95
Epiphone Les Paul Custom		\$899,00
Yamaha C40 Classical Guitar		\$249,50
Martin LX1E Little Martin Acoustic-Electric		\$649,00
Fender Telecaster Player		\$849,00
Ibanez RG7421 7-String Electric Guitar		\$1 199,00
Seagull S6 Original Acoustic Guitar		\$549,00

Test Cases			
Precondition for all test cases (unless stated otherwise): start on the home page (the page with a list of all items and search functions) with empty shopping cart			
TC No.	Description	Test Steps	Expected Result
TC-01	Verification of search functionality and update of the home page based on searches	1. Click on the search box and type "Fender" and click on the search button	There are 3 items listed on the home page: Fender Stratocaster American Professional II, Fender Precision Bass Player Plus, Fender Telecaster Player.
		2. Click on the search box, type "dffdfgfvbv" and click on the search button	There are no items listed on the home page. A "No results found" message is displayed.
		3. Click on the search box and type "Epiphone Les Paul Custom" and click on the search button	There is 1 item listed on the home page: Epiphone Les Paul Custom.
TC-02	Verification of the item detail view. The detail of the selected item on the home page is displayed correctly after browsing and after searching.	1. Find "Yamaha C40 Classical Guitar" in the list of all items and check the price	The item is in the list of all items, the price is \$249,50.
		2. Click on the item from step 1 to open the item detail	The item detail page is open.
		3. Check the name of currently open item and its price	The item name is Yamaha C40 Classical Guitar and the displayed price is \$249,50 (corresponds to the values in the item list).
		4. Return to the home page (list of all items)	The list of all items is displayed.
		5. Click on the search box, type "Fender Telecaster Player" and click the search button	There is 1 item listed on the home page: Fender Telecaster Player with a price \$849,00.
		6. Click on the found item to open the item detail	The item detail page is open.
		7. Check the name of the currently open item and its price	The item name is Fender Telecaster Player and the displayed price is \$849,00 (corresponds to the values in the item list).
TC-03	Verification of adding items to the shopping cart	1. Open item detail page for "Gibson Les Paul Standard 50s"	The item detail page is open.
		2. Check the item price (for future comparison)	The price is \$2499,00.
		3. Click on the "Add to Cart" button	A notification about adding item to the shopping cart is displayed.
		4. Check the link to the shopping cart with the number of items at the top of the page	The number of the items in the cart is displayed next to the link and is equal to one.
		5. Return to the home page (list of all items)	The list of all items is displayed.
		6. Open item detail page for "Taylor AD17e Acoustic-Electric Guitar"	The item detail page is open.
		7. Check the item price (for future comparison)	The price is \$1999,95.
		8. Click on the "Add to Cart" button	A notification about adding item to the shopping cart is displayed.
		9. Check the link to the shopping cart with the number of items at the top of the page	The number of the items in the cart is displayed next to the link and is equal to two.
		10. Click on the shopping cart link (icon) at the top of the page	The shopping cart page is open.
		11. Check the number of items in the shopping cart	There are two items in the shopping cart.
		12. Check the name and prices of the items	The items in the shopping cart are: Gibson Les Paul Standard 50s for \$2499,00 and Taylor AD17e Acoustic-Electric Guitar for \$1999,95. The names and prices match the values from the item detail pages.
		13. Check the total price of all items in the shopping cart	The total price of all items is \$4498,95.
TC-04	Verification of removing items from the shopping cart	Precondition: Start at the end of TC-03 (on the shopping cart page with two items in)	
		1. Click the "Remove" button next to the "Gibson Les Paul Standard 50s" item in the cart	A notification about removal of item from the shopping cart is displayed.
		2. Check the name and prices of items in the shopping cart	The item in the shopping cart is: Taylor AD17e Acoustic-Electric Guitar for \$1999,95.
		3. Check the number of items in the shopping cart and the total price	There is one item in the shopping cart. The total price is \$1999,95.
		4. Check the link to the shopping cart with the number of items at the top of the page	The number of items in the cart is displayed next to the link and is equal to one.
		5. Click the "Remove" button next to the "Taylor AD17e Acoustic-Electric Guitar" item in the cart	A notification about removal of item from the shopping cart is displayed.
		6. Check the number of items in the shopping cart and the total price	There is no item in the shopping cart. The message "Shopping cart is empty" is displayed. Total price is \$0.
		7. Check the link to the shopping cart with the number of items at the top of the page	The number of the items in the cart is displayed next to the link and is equal to zero.

TC-05	Verification of system behavior when the shopping cart is empty and access to the Checkout page	1. Click on the link to the shopping cart at the top of the page	The shopping cart page is open.
		2. Check that the message "Shopping cart is empty" is displayed and the total price is \$0	The message is displayed and the total price is \$0.
		3. Try clicking the "Proceed To Checkout" button	The button is not clickable. No action is performed when clicked.
		4. Click on the "Continue Shopping" button	The list of all items (home page) is displayed.
		5. Open the detail page of the first item in the item list	The item detail page is open.
		6. Click on the "Add to Cart" button	A notification about adding item to the shopping cart is displayed.
		7. Click on the shopping cart link (icon) at the top of the page	The shopping cart page is open.
		8. Check that the message "Shopping cart is empty" is not displayed	The message is not displayed. There is one item in the shopping cart.
		9. Try clicking the "Proceed To Checkout" button	The button is clickable. When clicked, the checkout page opens.
		10. Click on the shopping cart link (icon) at the top of the page	The shopping cart page is open.
		11. Remove the item from the shopping cart	A notification about removal of item from the shopping cart is displayed.
		12. Try clicking the "Proceed To Checkout" button	The button is not clickable. No action is performed when clicked.
TC-06	Verification that it is possible to access the shopping cart page from any page	1. Open item detail page for "Seagull S6 Original Acoustic Guitar"	The item detail page is open.
		2. Click on the shopping cart icon at the top of the page	The shopping cart page is open.
		3. Click on the shopping cart icon at the top of the page	The shopping cart page is still open.
		4. Click the button to return to the home page (list of all items)	The list of all items (home page) is displayed.
		5. Click on the search box and type "Ibanez"	There is 1 item listed on the item page.
		6. Click on the shopping cart icon at the top of the page	The shopping cart page is open.
		7. Go to the home page, open the detail the first item on the page and add it to the shopping cart.	The item is added to the cart.
		8. Go to the home page.	The list of all items (home page) is displayed.
		9. Click on the shopping cart icon at the top of the page	The shopping cart page is open.
		10. Click on the "Proceed To Checkout" button	The checkout page is open.
		11. Click on the shopping cart icon at the top of the page	The shopping cart page is open.
TC-07	Verification that same item can be added to the cart multiple times	1. Open item detail page for "Martin LX1E Little Martin Acoustic-Electric"	The item detail page is open.
		2. Click on the "Add to Cart" button twice or set the quantity of items to add to 2	A notification about adding item to the shopping cart is displayed.
		3. Go to the home page and open the item detail page for "Fender Precision Bass Player Plus"	The item detail page is open.
		4. Click on the "Add to Cart" button three times or set the quantity of items to add to 3	A notification about adding item to the shopping cart is displayed.
		5. Click on the shopping cart icon at the top of the page	The shopping cart page is open.
		6. Check the number of items in the shopping cart	Depends on design: There are 5 separate items in the cart. OR There are two items in the cart with the specified quantity (2x Martin LX1E Little Martin Acoustic-Electric and 3x Fender Precision Bass Player Plus)
		7. Check prices of items in the cart	Depends on design: There are 5 price values for each item (\$649 for all Martin LX1E items, \$1099.5 for all Fender Precision Bass items) OR There are 2 price values (\$1298 for two Martin LX1E items and \$3298.50 for three Fender Precision Bass items).
		8. Check the total price of the shopping cart	The total price is \$4596.50.
TC-08	Verification of the summary of items on the checkout page	Precondition: Start at the end of TC-03 (on the shopping cart page with two items in)	
		1. Click on the "Proceed To Checkout" button	The checkout page is open.
		2. Check the items listed in the order summary table	The items in the order summary are: Gibson Les Paul Standard 50s for \$2499.00 and Taylor AD17e Acoustic-Electric Guitar for \$1999.95.
		3. Check the total price in the order summary	The total price of all items is \$4498,95.
TC-09	Verification of the customer information form (required inputs) before placing the order	Precondition: Start at the end of TC-03 (on the shopping cart page with two items in)	
		1. Click on the "Proceed To Checkout" button	The checkout page is open.
		2. Click on the "Place Order" button	The order has not been sent. A warning is displayed that the required inputs are empty.
		3. Fill "Řehof Samsa" in the Full Name input.	The value of the Full Name input is set.
		4. Click on the "Place Order" button	The order has not been sent. A warning is displayed that the required inputs are empty.
		5. Fill "Tržiště 365/15" in the Address input.	The value of the Address input is set.
		6. Click on the "Place Order" button	The order has not been sent. A warning is displayed that the required inputs are empty.
		7. Fill "Praha" in the City input.	The value of the City input is set.
		8. Click on the "Place Order" button	The order has not been sent. A warning is displayed that the required inputs are empty.
		9. Fill "Czechia" in the Country input.	The value of the Country input is set.
		10. Clear the Address input.	The value of the Address input is cleared.
		11. Click on the "Place Order" button	The order has not been sent. A warning is displayed that the required inputs are empty.
		12. Fill "Tržiště 365/15" in the Address input.	The value of the Address input is set.
		13. Click on the "Place Order" button	The order is sent.
TC-10	Verification that the search field is resistant to XSS attacks	1. Click on the search box and type "<script>alert('XSS test')</script>"	The value is set in the search box.
		2. Click the search button	No javascript alert is present. There are no items listed on the home page. A "no results found" message is displayed.
		3. Click on the search box and type "<script>alert('XSS test')</script>"	The value is set in the search field.
		4. Click the search button	No javascript alert is present. There are no items listed on the home page. A "no results found" message is displayed.