

UC5 :: Checkout

Overview

Describes the checkout process whereby the buyer confirms the items they wish to purchase, enters delivery, billing addresses as well as payment information. Optionally items can be giftwrapped for a small additional fee.

Properties

Trigger A buyer has completed shopping on the site and wishes to pay for the goods they have selected.

Goal To review the selected items, enter delivery and payment details to complete the order.

Primary Actor Buyer

Secondary Actor Merchant Ordering System

Pre-Requisites The buyer shall be [UC1] logged on, will have [UC4] added at least one item to the shopping cart.

Success Outcome The buyer will have completed the transaction and will have been provided with a unique reference for the transaction for tracking / querying purposes.

Failure Outcome The buyer will not have completed the transaction, no money will have been deducted from the buyer's account.

Priority 1

Complexity 1

target release release-1

Trace from [UC4] Add to shopping cart

Trace to [UC7] Manage Shopping Cart

Package order

Basic Flow

1. The buyer [UC7] reviews the contents of their shopping basket and selects the option to checkout.
2. The system prompts the buyer to add additional gift-wrap options and add a personal note.
3. The system prompts the buyer to choose delivery method / time.
4. The system prompts the buyer to enter an address where the items in the cart will be delivered.
5. The system prompts the buyer to enter an invoice address.
6. The system prompts the buyer to enter their payment card details.
7. The buyer is asked to review and confirm the order.
8. The buyer confirms the order.
9. The system charges the payment card to the value of the order.
10. The system passes details of the order to the merchant or merchants that will fulfil the order.
11. The use-case ends.

Alternative Flows

Existing payment information

At step 6 of the Main flow when The user selects existing card details

1. The buyer selects pre-existing payment details stored on the system.
2. The flow of events continues from step 7 of the Main flow.

Invalid card details

At step 9 of the Main flow when Card details invalid

1. The system determines that the card details are invalid.
2. The system informs the buyer of the issue and prompts the buyer to enter alternative payment details.
3. The flow of events continues from step 6 of the Main flow.

Activity Diagram

