



Big Lots Stores, Inc.

Cart

eCommerce Functional Requirements

Version: 1.15

Project Number: 0000978

Project Work ID: 0000978

8/25/2015

Prepared by: KnowledgePath, a DMI Company

TABLE OF CONTENTS

| | |
|------------------------------------|----------|
| REVISION HISTORY | 2 |
| DOCUMENT REFERENCES..... | 3 |
| GLOSSARY | 4 |
| REVIEWER / APPROVER SIGN OFF | 4 |
| CART | 5 |
| MINI-CART..... | 12 |
| MOBILE VARIATIONS | 14 |
| ERROR HANDLING..... | 14 |
| DATA MAPPING | 14 |
| OTHER SPECIFICATIONS..... | 14 |

Revision History

| Date | Version | Description | Author |
|------------|---------|---|--------------------------------|
| | 0.1 | Initial Draft | |
| 9/24/2014 | 0.2 | Merge with Big Lots com_MASTER_High_Level_Expectations Decisions v1.8 | Myra Killeen, KP |
| 9/26/2014 | 0.3 | -Added discount promotion information to crt-006 and renumbered req IDs for cart section -updated crt-029 with 'email' and question | Myra Killeen, KP |
| 9/30/2014 | 1.0 | Shane Marks feedback and Week 2 working session | Justin Burrows |
| 9/30/2014 | 1.1 | Added "Save for Later" Requirements | Justin Burrows |
| 10/13/2014 | 1.2 | Clarifications mini cart vs add to cart modal | Shane Marks |
| 12/15/2014 | 1.3 | -Incorporate approved Jayne Wireframe elements Wave A -Incorporated KP developer review comments (V. Naratajan, F. Oldenburg) -reset version to 1.3 & updated cover page | Justin Burrows Myra Killeen |
| 12/18/14 | 1.4 | Incorporated feedback from review with Shane, including update. | Justin Burrows |
| 2/25/2015 | 1.5 | - updated func id 01/crt-001 - removed crt-021 duplicate -removed crt-024 - removed crt-028 | Myra Killeen |
| 3/13/2015 | 1.6 | -Update with additional reviewers. -updated with comments from S. Marks -func id 47 / crt-043 removed. Jira 423 resolved -func id 16 / crt-014 updated to be configurable -func id 16.1 / crt-014 added view details modal -func id 2.1 / crt-002 added requirement | Myra Killeen |
| 3/17/2015 | 1.7 | Final Review & Approval Complete. | Myra Killeen |
| 4/17/2015 | 1.8 | Updates after review with BL QA and S.Marks -func id 6 / crt-005 updated. -func id 27 / crt-026 display message if coupon has been removed. -func id 36 /crt-033. Persist Save for Later item for 30 days for aonymous user. -func id 1 / m-crt-001: display add to cart modal in mobile. | Myra Killeen |

| | | | |
|-----------|------|---|--------------|
| | | -func id 2 / m-crt-002: removed. Redundant -func id 15 / mcrt-014: updated to say 'mini-cart' Added requirements based on jira ECOMM 903 for Save for later and Wish List -func id 48 / crt -041 -func id 49 / crt-041 -func id 50 / crt-041 | |
| 5/18/2015 | 1.9 | -func id 4.5 / crt-003.1 reset persisited cart timeframe -func id 36 / crt-033 updated 'move to saved for later' will remove item from cart. | Myra Killeen |
| 5/20/2015 | 1.10 | -func id 06 / crt-005 updated based on jira 910 | Myra Killeen |
| 6/15/2015 | 1.11 | -func id 50 & 51 added specification for remove line items from cart. | Myra Killeen |
| 6/18/2015 | 1.12 | Review with A.Bhammar, R.Maridoss, A.Powers Clarifications made: -crt-020 / func id 22: reworded for clarity -crt-027 / func id 29: removed out of scope - crt-042 / func id 44.1 (43): reworded for clarity | Myra Killeen |
| 7/9/2015 | 1.13 | -crt-011/ func id 13: updated with feedback from S. Marks | Myra Killeen |
| 7/28/2015 | 1.14 | - mcrt-006 / func id 7: updated to 'view cart' button Jira ecomm-1646 -Cart section func id 52: updated to include save for later items in empty cart view | Myra Killeen |
| 8/25/2015 | 1.15 | Per email from S. Marks/T.Keener 8/25/15 Cart Section: -func id 32.1 / crt-030 added. Disable quantity decrementer when item qty = 1. -func id 53: added. Resolved jira ecomm-1833 cart item's category will be default parent category. | Myra Killeen |

Document References

| File / Wireframes | Location |
|--|---|
| Merge with Big Lots com_MASTER_High_Level_Expectations Decisions v1.8.docx | https://sites.google.com/a/kpathsolutions.com/big-lots/documents/pre-discovery |
| BL_rqmts_checkout.docx | https://sites.google.com/a/kpathsolutions.com/big-lots/documents/pre-discovery |

| | |
|---|---|
| BigLots_ECom_SiteDesign_WaveA_AllViewPorts_SpecDoc_141117b.docx | http://2kyifx.axshare.com/#p=base_template |
| Integration Documents -Estimated_tax.docx -VertexMapping.xlsx -Customer Get Profile Data Interface.docx -Customer Update Profile Data Interface.docx -Inventory check.docx | KP Google: https://sites.google.com/a/kpathsolutions.com/big-lots/documents/requirements-definition/integrations/tax |
| Creative (Visual) Designs -Big_Batch_zero.pdf -Big_batch0 | BL Sharepoint: http://portal.cns.com/projects/omni/20%20E-commerce/2.4%20Web%20Storefront/2.4.3%20Design/2.4.3.09%20Create%20Visual%20Design/Batch%200/BIG_Batch_Zero.pdf |

Glossary

| Term | Explanation |
|----------------|---|
| The system | Oracle Commerce System |
| Persisted cart | Items in a user's shopping cart saved |
| APR | Big Lots discount/promotion subscription & redemption service |

Reviewer / Approver Sign Off

The signatures below indicate that the undersigned:

- Have read this Functional Specification document
- Have formally voiced any concerns in writing to the Project Manager or Business Analyst
- Certify that the Functional Specifications accurately represent their expectations
- Wish to be notified of any significant changes made to these specifications
- Are unaware of any conditions that prevent this agreement from being followed
- Agree that significant changes after signing will require a signed Scope Change Request

| Title / Role | Name | Review Date | Approved / Date |
|-----------------------------------|-----------------------------|-------------|-----------------|
| VP, ECommerce | Oscar H. Castro, Big Lots | | |
| VP, IT | Kevin Kepp, Big Lots | | |
| Director, IT Security | James Kelley, Bit Lots | 3/17/2015 | 3/17/2015 |
| Director, IT | Ananda Rao Jami, Bit Lots | 3/17/2015 | 3/17/2015 |
| Manager, Applications Development | Doug Coning, Big Lots | 3/17/2015 | 3/17/2015 |
| Manager, Internet Development | Shane Marks, Big Lots | 3/17/2015 | 3/17/2015 |
| Architect, KP | Atul Bhammar, KnowledgePath | 3/17/2015 | 3/17/2015 |
| Architect, KP | Andy Powers, KnowledgePath | 3/17/2015 | 3/17/2015 |
| Project Manager, KP | David Towers, KnowledgePath | 3/17/2015 | 3/17/2015 |

Cart

| Functional Spec ID | Requirement ID Reference | Functional Description | Wireframe Reference Element | Comment |
|--------------------|--------------------------|--|-----------------------------|---|
| 1 | crt-001 | <p>The system shall display the following information and options on the car page:</p> <p>option to log in / register</p> <p><i>Page header:</i></p> <ul style="list-style-type: none"> -My Cart page title -Promotion content block -Cart level messaging & notifications (conditional) <p><i>For each item -</i></p> <ul style="list-style-type: none"> -image thumbnail -product title (click to link back to PDP) -brand -sku /product number -move to wish list text link -save for later text link -price (selling price) -remove text link -was price (list price) - quantity -option to increase /decrease quantity -item subtotal (item price x quantity) - saved <\$## < (%) -item-level promotions applied, if applicable -shipping surcharge (conditional) -promotional content (conditional) <p><i>For the entire cart –</i></p> <ul style="list-style-type: none"> -add promotion/coupon code textbox -checkout option -saved for later items <ul style="list-style-type: none"> - navigation of item list: <ul style="list-style-type: none"> prev / next - # of items displayed of total ## items - product thumbnail (link to PDP) - product title (links to PDP) - brand -sku / product number -item price -move to cart text link -move to wish list text link -remove text link - content: not ready to buy? - 'create an account' text link 'to hold your cart ..' | 5.0_Main Cart | <p>See Creative Designs Batch 0</p> <p>Integration:</p> <ul style="list-style-type: none"> -Customer Get Profile Data Interface.docx <p>BL Clarification:</p> <ul style="list-style-type: none"> -Creative Design shows items in Save for Later section with text link for 'save for later' but not the 'move to cart' link shown in wireframe <p>Developer Note:</p> <ul style="list-style-type: none"> -Paypal has been de-scoped. - Estimated shipping on wireframe is de-scoped. Shipping will have a flat fee as shown on Creative Design. - |

| Functional Spec ID | Requirement ID Reference | Functional Description | Wireframe Reference Element | Comment |
|--------------------|--------------------------|--|-----------------------------|---|
| | | subtotal (sum of all item totals) -estimated shipping (lowest qualifying shipping tier) -additional shipping and handling (shipping surcharges) if applicable -sales tax (with notation 'calculated at checkout' -estimated total -estimated shipping | | |
| 2 | crt-002 | Once an item is added to the cart, the user shall have the option to -remove the item -edit the item quantity -link back to the item's product display page by clicking Product Name or image | 5.0_Main Cart | |
| 2.1 | Crt-002 | If the user enters an item quantity directly into the quantity textbox without using the incrementer / decrementor (+/-), the system will display an update link and spinner to show the quantity is being updated. | | Developer Note: -this will be vetted later during UAT and may be changed to hide the 'update' link. |
| 3 | CRT-002.1 | The system shall offer the user the option to save an item for later (persist, but not added to order) | 5.0_Main Cart | Integration: -Customer Update Profile Data Interface.docx |
| 4 | crt-003 | The system shall persist items in the cart for 30 days for anonymous users - Number of days shall be configurable | 5.0_Main Cart | |
| 4.5 | crt-003.1 | The system will reset time for persisting items upon: — cart view - add to cart - each time the user visits the site | | Developer Note: This is changed to 30 days from reset timer on cart view or addition of an item to cart. |
| 5 | crt-004 | If a logged-in user adds items to their shopping cart, the cart will be saved indefinitely. | N/A | |
| 6 | crt-005 | If a logged-in user creates a cart then logs out, adds items to the cart while logged out, then logs in within 30 days, the system shall merge the items in the persisted cart with those items added while not logged in during the current session . The persisted items will be moved to the Saved for Later section of the logged in user's cart. | N/A | |
| 7 | crt-006 | The system shall allow discounts / promotions for the following: -Shipping Discounts -Whole House Promotions (APR system) -Site Specific Promotions (APR system) | 5.0_Main Cart | Only on-line discounts will be supported for phase 1. |

| Functional Spec ID | Requirement ID Reference | Functional Description | Wireframe Reference Element | Comment |
|--------------------|--------------------------|---|--|--|
| | | -Rewards Discounts (APR system) -Employee Discounts | | |
| 8 | crt-007 | If the user navigates to the cart and the cart is empty, the system shall present a message to the user in place of cart contents | 5.1a_Main Cart (Empty – Product Slider) 5.1b_Main Cart (Empty – 50/50) | |
| 9 | crt-008 | The cart will display an option to enter a coupon /promo code along with -promo code textbox -add promo or coupon information text link - apply button - success or error message (conditional) | 5.0_Main Cart 5.3_Promo Code - #1 txt_addpromo - #2 icon_info - #3 btn_apply | See: -Creative Design Batch 0 |
| 9.1 | crt-008 | Selecting the promo code information text link or icon will display a modal describing how the user gets a coupon or promo code to use in the cart. | 5.0_Main Cart - #1 txt_addpromo - #2 icon_info | Modal not shown in wireframes or creatives |
| 10 | crt-009 | Upon promotion code submit, the system shall validate: -promotional code is entered -promotional code is valid -promotional code is active/not expired -promotional code was not previously used | 5.3_Promo Code | Integration: -Customer Get Profile Data Interface.docx |
| 11 | crt-009.5 | The system shall support Marketing messages and “Closeness Qualifiers” on the cart page. | 5.0_Main Cart | Content Management: -BL_frd_bcc.docx -BL_frd_endeca.docx |
| 12 | crt-010 | If the promotional code fails validation, the system shall present an error message: -promotional code is required -promotional code is not valid -promotional code is expired -promotional code was already used -only one promotion can be used (not stackable) If the promotional code passes validation, the system, shall present a success message. | 5.3_Promo Code | Error copy tbd. |
| 13 | crt-011 | If the user has successfully applied a promotional code, the system shall display the following information: -coupon /promo code -promotion discount -option to remove - promotion deduction from order total (order level promotion , item - level promotion & shipping promotion) - promotion deduction from item total (order level promotion & item - | 5.3_Promo Code | |

| Functional Spec ID | Requirement ID Reference | Functional Description | Wireframe Reference Element | Comment |
|--------------------|--------------------------|--|--|--|
| | | level promotion) -promotion deduction from estimated order shipping cost (shipping promotion) -updated estimated total | | |
| 14 | crt-012 | If the system has applied a promotional code, the user shall have the option to enter another promotional code | 5.3_Promo Code | Some discounts will be stackable. Some discounts will not. |
| 15 | crt-013 | If the system has applied a promotional code and the user selects to remove it, the system shall remove the applied promotion and update the estimated total. The system will not ask the user to confirm removal | 5.0_Main Cart | |
| 16 | crt-014 | The system shall allow up to 2 promotions to be applied per order. The number of promotions allowed shall be configurable. | 5.3_Promo Code | |
| 16.1 | Crt-014 | When the user successfully applies the promo code(s) the system will display a View Details link . Clicking the View Details link will display an informational modal with content information about the text. | 5.3_Promo Code | |
| 17 | crt-015 | If a user has applied the maximum number of promotions allowed, the system shall disable the promotions field and apply button until the user removes one of the applied promotions | 5.3_Promo Code | |
| 18 | crt-016 | If the user selects Checkout Now, the system shall start the checkout process | 5.0_Main Cart | See BL_rqmts_checkout.docx |
| 19 | crt-017 | If a user selects to checkout and an item in the user's cart is no longer available, the system shall -display a modal with a message that the item is no longer available to purchase online, -display the item quantity as zero -give the user an option to remove the item from the cart or add it to save for later area. | 5.2_Main Cart (Product Not Available) 5.4_Inventory Not Available Modal | |
| 20 | crt-018 | If a user selects to checkout and the quantity requested for an item in the user's cart is no longer available, the system shall - display a modal with a message that there are only 'n' number of units left - update the quantity in the cart to the number of items available | 5.2_Main Cart (Product Not Available) 5.4_Inventory Not Available Modal | Integration: -inventory check.docx |
| 21 | crt-019 | If the user added the same SKU to the cart more than once, the system shall display the SKU as a single line item and update quantity | N/A | |

| Functional Spec ID | Requirement ID Reference | Functional Description | Wireframe Reference Element | Comment |
|--------------------|--------------------------|---|--|---|
| 22 | crt-020 | If the user selects view cart, the system shall do an inventory check against the Oracle Commerce repository | N/A | |
| 23 | crt-021 | If a user views the cart and an item in the user's cart is no longer available, the system shall display a message that the item is no longer available for online purchase (it could still be available in store) | 5.2_Main Cart (Product Not Available) 5.4_Inventory Not Available Modal | Remove. Duplicate of crt-018 |
| 24 | crt-022 | If a user views the cart and the quantity of an item in the user's cart is no longer available, the system shall - display a one-time message that there are only 'X' units left - update the quantity in the cart to the number of items available. | 5.2_Main Cart (Product Not Available) 5.4_Inventory Not Available Modal | Developer Note: <Quantity Not Available> 1) Message on page for updating cart with quantity not available. 2) Display Modal when add to cart quantity is not available. |
| | crt-023 | If an item in the cart is no longer available, the system shall automatically remove the item from the cart when the user starts checkout | 5.4_Inventory Not Available Modal | Clarification: 1. Crt-017 and crt-023 are contradictory. 2. Recommend crt-023 be removed as a reqmt, since crt-017 allows the user to Save for Later an item with zero inventory available. |
| 25 | crt-024 | If the user enters a quantity that is not available, the system shall display a one-time message that there are only X units left and update the quantity in the cart to the number of items available. | 5.4_Inventory Not Available Modal | Duplicate of crt-022 |
| 26 | crt-025 | If a user has an item in the cart with a quantity of zero, the system shall automatically remove the item when the user starts checkout | N/A | |
| 27 | crt-026 | If a user applies a coupon(s) to the cart and ends their session without checking out, the system shall retain the coupon from the cart automatically. When the user returns to the cart in a new session, the system will validate applied coupons and display a message if the coupon has been removed. | N/A | Integration: -Customer Get Profile Data Interface.docx |
| 28 | crt-026.5 | When the user returns to the cart in a new session, the system will validate applied coupons. | N/A | Integration: -Customer Get Profile Data Interface.docx |
| 29 | crt-027 | If the order includes additional shipping and handling charges (such as shipping surcharges), the system shall always exempt these from shipping promotions and order total promotions | N/A | Out of scope for phase 1 |

| Functional Spec ID | Requirement ID Reference | Functional Description | Wireframe Reference Element | Comment |
|--------------------|--------------------------|--|---|--|
| 30 | crt-028 | The system shall provide the ability to send an email reminder to users that they have items in their cart. | N/A | Abandoned cart email reminder will be handled via Omniture |
| 31 | crt-029 | removed | N/A | |
| 32 | crt-030 | If a user changes the quantity to zero and updates the cart, the system shall remove the item from the cart. | N/A | |
| 32.1 | Crt-030 | If the quantity of an item in the cart is '1', the system will disable the decremter indicator and not allow the user to reduce the amount to zero with the decremter. (Note, user can still reduce quantity to zero by entering a zero into the quantity field per func id 32.) | | Added new specification per S. Marks 8/25/2015. Low priority for launch. |
| 33 | crt-031 | FOR Empty Cart - The system shall provide the option to display up to 'n' cross-sell items on the cart page with the option to see more if more than 'n' are available, with the following information for each: -item thumbnail -Price -Name -savings -availability message | 5.1a_Main Cart (Empty – Product Slider) | |
| 34 | crt-032 | The system shall allow users to click through to the product page for each cross-sell | 5.1a_Main Cart (Empty – Product Slider) | |
| 35 | crt-0325 | Ability to "Check out with PayPal" | 5.0_Main Cart | Descope for phase 1 |
| 36 | CRT-033 | The system shall allow the user to add a viewable item to a Save for Later list that will persist for the session 30 days if the user is anonymous and persist perpetually for a logged in user. -adding an item to the Saved for Later list will remove it from the order / cart. | 5.0_Main Cart | |
| 36.5 | CRT-033.1 | Save for Later option shall be configurable. - 'visible' is the default | 5.0_Main Cart | |
| 36.6 | CRT-033.2 | The system shall allow the user to add an out-of-stock item to Save for Later. | 5.0_Main Cart | |

| Functional Spec ID | Requirement ID Reference | Functional Description | Wireframe Reference Element | Comment |
|--------------------|--------------------------|--|--------------------------------------|--|
| 37 | CRT-034 | If an item is already on a "save for later" list, the system will not add it again. Instead the system will present the message "Item is already saved" | 5.0_Main Cart | |
| 38 | CRT-035 | The system will allow the user to add Save for Later items to Cart, with the same availability validations as add-to-cart from a product detail page. | 5.0_Main Cart | Integration: -InventoryCheck.docx |
| 39 | CRT-036 | The system will allow a user to remove an item from Save for Later items | 5.0_Main Cart | |
| 40 | CRT-037 | If a user defines a "Save for Later" list and then logs into an account with a "Save for Later" list already defined, the lists will be merged, removing duplicate items. | 5.0_Main Cart | |
| 41 | CRT-038 | The system will provide only one "Save for Later" list per user profile. | 5.0_Main Cart | |
| 42 | CRT-039 | The system will not display quantities on "Save for Later" list items. | 5.0_Main Cart | |
| 43 | CRT-040 | The system will display Save for Later Items in a visually and functionally distinct area of the cart page. | 5.0_Main Cart | |
| 44 | CRT-041 | The system will provide the option to add an item to a separate Wish List distinct from Save for Later. | 5.0_Main Cart 6.55a_My Wish Lists | |
| 44.1 (43) | crt-042 | The system shall offer the user the option to save an item for later (persist in the save for later section, but the item will be removed from the cart section. | 5.0_Main Cart | updated |
| 44.2 (44) | crt-002.2 | The save for later section will display up to 10 items at a time. | 5.0_Main Cart | |
| 45 | crt-002.3 | The system will display navigation for the save for later section when there are > 10 items saved. | 5.0_Main Cart | |
| 46 | crt-002.4 | The system will show the total number of items saved in addition to the number of items displayed when there are more than 10 items in Save for Later | 5.0_Main Cart | |
| 47 | Crt-043 | The system will display content text '* extra shipping fees' if the item's shipping weight is over sized. Over sized weight will be dependent on the carrier selected | | Jira ECOMM-423 resolved. Extra shipping is placeholder for post-phase 1 See Creative design batch 0 |
| 48 | Crt-041 | If an item is in both the cart and Saved for Later section, if the item is moved from the cart to the wish list it should still remain in Save for later. | | Jira ECOMM-903 resolved |

| Functional Spec ID | Requirement ID Reference | Functional Description | Wireframe Reference Element | Comment |
|--------------------|--------------------------|--|-----------------------------|--|
| 49 | Crt-041 | When an item is moved from the cart to the wish list and then at some point added from the wish list back to the cart, the cart quantity in the cart should be set to 1 regardless of what the original cart quantity was. | | Jira ECOMM-903 resolved |
| 50 | Crt-041 | When an item is moved from Save for Later section to the Cart, it will be removed from Saved for Later section | | Jira ECOMM-903 resolved |
| 51 | N/A | If the user removes an item from the cart, the system will -remove the line item -update the order summary (financial stack) | | |
| 52 | n/a | If the user removes the only item in the cart, the system will -remove the line item -update the order summary (financial Stack) -display a message that the cart is empty -continue to display items that have been added to the save for later section | | Jira Ecomm-1646 resolved. Display saved for later items in empty cart. |
| 53 | n/a | When there is a list of items in the cart, each item in the cart will default to the item's parent category | | Jira Ecomm-1833 resolved. |

Mini-Cart

| Functional Spec ID | Req ID Reference | Functional Description | Wireframe Reference | Comment |
|--------------------|---------------------|---|---------------------|--|
| 1 | mcrt-001 | The system shall display a add to cart modal when the user adds an item to the cart. | 1.11_Mini-Cart | |
| 2 | mcrt-002 | The system shall display a confirmation of an item added | | Removed. Covered by mcrt-001 |
| 3 | mcrt-003 | The system shall display a Checkout or Continue Shopping option on the mini-cart | 1.11_Mini-Cart | |
| 4 | mcrt-004 | The system shall display the following options and information <i>For each item -</i> - Image thumbnail (link to product) - product name (Link to product) - Product SKU - Model Number - Price Now (each if Quantity is more then 1) - Price Was - Price Save - quantity | 1.11_Mini-Cart | View Cart and Checkout are merged into same flow for mini-cart. Price Display -Just subtotal. |

| Functional Spec ID | Req ID Reference | Functional Description | Wireframe Reference | Comment |
|--------------------|------------------|--|---------------------|---|
| | | <ul style="list-style-type: none"> - item subtotal (price x quantity) - edit link - remove link <p><i>For the entire mini cart</i></p> <ul style="list-style-type: none"> - number of items in mini cart - Item total (sum of item subtotals) - order level shipping charges - option to continue to checkout/view cart - Estimated sales tax (inline help to answer why tax is being charged) | | |
| 6 | mcrt-005 | The system shall apply cart persistence rules to the mini cart | 1.11_Mini-Cart | |
| 7 | mcrt-006 | <p>If the mini cart is empty, the system shall present a message to the user in place of cart contents</p> <ul style="list-style-type: none"> -mini cart drop down should display a 'View Cart' button -clicking the View Cart button will display the empty cart | 1.11_Mini-Cart | Jira EComm-1646 resolved. Change 'Shop Not' button to 'View Cart' button. |
| 8 | mcrt-007 | If the contents of the mini cart exceed the display area length, the system shall display a scroll bar on the items so that the user can view all items in the mini cart | 1.11_Mini-Cart | |
| 9 | mcrt-008 | If the user chooses checkout, the system shall navigate the user to the cart page | 1.11_Mini-Cart | |
| 10 | mcrt-009 | If the user chooses to close the mini cart, the system shall hide the mini cart contents and remain on the originating page | 1.11_Mini-Cart | Should be able to close by hitting close or clicking on main window |
| 11 | mcrt-010 | Upon viewing the mini cart, the system shall do a cached inventory check | 1.11_Mini-Cart | This is not a real-time inventory check, just cached inventory |
| 12 | mcrt-011 | If a user applies an item-level or order-level promotion to the cart then navigates away, the system shall update the mini cart to reflect the applied promotion | 1.11_Mini-Cart | |
| 13 | mcrt-012 | If a user views the cart and quantities or availability are updated based on inventory, the system shall update the mini cart to reflect the cart adjustments | 1.11_Mini-Cart | |
| 14 | mcrt-013 | When the user adds an item to the cart, the system shall update the cart item quantity count that appears in the header | 1.11_Mini-Cart | |
| 15 | mcrt-014 | If the quantity of items in the cart are adjusted based upon inventory, the system shall update the mini-cart item quantity count that appears in the header | 1.11_Mini-Cart | |
| 16 | mcrt-015 | If a user views the mini cart and an item in the user's mini cart is no longer available, the system shall display a message that the item is no longer available | 1.11_Mini-Cart | |
| 17 | mcrt-016 | If a user views the mini cart and the quantity of an item in the user's mini cart is no longer available, the system shall display | 1.11_Mini-Cart | Not explicitly displayed in wireframes. |

| Functional Spec ID | Req ID Reference | Functional Description | Wireframe Reference | Comment |
|--------------------|------------------|--|---------------------|---------|
| | | a one-time message that there are only X units left and update the quantity in the mini cart | | |
| 18 | mcrt-017 | If a user selects to view the cart page, the system shall display the full cart | 1.11_Mini-Cart | |

Mobile Variations

| Func. Spec. # | Requirement ID Reference | Description | Wireframe Reference Element | Comments |
|---------------|--------------------------|--|---|----------|
| 1 | m-mcrt-001 | The mobile device will not display minicart. | 4.0_Product(PDP) -mobile / small glass - #18 btn_previousprod - #19 btn_nextprod | |

Error Handling

| Func. Spec. # | Wireframe Reference Element | Error State / Condition | Error Text | Comment |
|---------------|-----------------------------|--|------------------------------|---------|
| | 5.3_Promo Code | promotional code field is blank | promotional code is required | |
| | 5.3_Promo Code | promotional code is not valid | | |
| | 5.3_Promo Code | promotional code was already used | | |
| | 5.3_Promo Code | only one promotion can be used (not stackable) | | |

Data Mapping

| Func. Spec. # | Field | Field Type | Data Type | Max Length | Req'd/Opt | Comment (validation, repository, etc.) |
|---------------|-------|------------|-----------|------------|-----------|--|
| | | | | | | |
| | | | | | | |

Other Specifications