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| User Story | Acceptance Criteria | Priority |
| As a consumer, I want to **quick search** inventory by using **keyword** so I can quickly find item(s) I want | * User can enter keyword to search inventory * System allows user to use multiple keyword by separating them using “,” * System use entered key word(s) to search in following fields of items details:   + Item Description   + Category   + Manufacturer   + Manufacturer Part Number (OEM #)   + SKU#/Item# * System display search result (refer to search result user story) | Must have |
| As a consumer, I want to use **advanced search** by using **filters** so I can have more specific search result | * User can search by one or combination of following filters:   + Keyword   + Category   + Price (range)   + Manufacturer   + Manufacturer Part Number (OEM #)   + SKU#/Item#   + Availability     - In Stock     - Out of Stock * System display search result (refer to search result user story) | Should have |
| As a consumer, I want to browse inventory by using **category** | * User can select a category to browse items * System display search result (refer to search result user story) | Must have |
| As a consumer, I want to view the **search result** in a list page | * Display following columns   + Item Picture   + Item Description   + Category   + Manufacturer   + Manufacturer Part Number (OEM #)   + SKU#/Item#   + Price   + Availability * User can sort by:   + Name   + Item Description   + Category   + Manufacturer   + Manufacturer Part Number (OEM #)   + SKU#/Item#   + Price   + Availability * Each item have a check box for user to select the item for comparison to add it to shopping car | Must have |
| As a consumer, I want to select certain items for **comparison** so I can decide which one would be the best choice | * User can choose up to 4 items to compare from the search result page * System display following info in comparison page in a table:   + Item picture   + Item Description   + Category   + Manufacturer   + Manufacturer Part Number (OEM #)   + SKU#/Item#   + Price * User should able to add one or multiple items to shopping cart from comparison page | Must have |
| As a consumer, I want select an item to view so I can **browse the details** | * Following information displayed in details page:   + Item picture   + Item Description   + Category   + Manufacturer   + Manufacturer Part Number (OEM #)   + SKU#/Item#   + Price * User have “Add to Cart” option * User can modify quantity to “Add to Cart”, default is 1 * User have option to view enlarged version of item picture | Must have |
| As a consumer, I want to **manage my** **shopping** **cart** so I can prepare the order I want to place | * User can view current shopping cart * Following info are displayed for items in shopping cart:   + Item picture   + Item Description   + Category   + Manufacturer   + Manufacturer Part Number (OEM #)   + SKU#/Item#   + Price   + Quantity   + Total   + Order Total * User needs to have ability to update quantity or delete an item | Must have |
| As a consumer, I want to **place an order** | * User have “check out” option from shopping cart * User enter required information for checkout (I’m not sure what exact information would be required in this case, I just listed some examples)   + Name   + Department   + Phone Number   + Email Address   + Delivery Address * System compile order info and asks user to review * User can cancel or confirm the order and system will generate order # if user confirmed * A notification email is sent to entered email address | Must have |
| As a consumer, I want view **order** **history** to I see a list or orders I placed | * User can use “My Orders” function to track order status * User can view a list of orders with following columns   + Order Date   + Order #   + Order Total   + Order Status     - Pending     - Under Review     - Confirmed     - Shipped     - Delivered     - Cancelled * User can select an order to view details from history page * User can select an order to cancel from history page | Must have |
| As a consumer, I want to select an order to view so I can see the **order details** | * System display following info in order details page:   + Order Date   + Order #   + Order placed by (Name/Department)   + Delivery Address   + Status   + Tracking number   + Item list:     - Item description     - Quantity     - Price     - Item total   + Order Total * User should able to cancel the order from details page | Must have |
| As a consumer, I want to **cancel an order** to stop the order processing process | * User should able to cancel an order if order status is “Pending” or Under Review” * User should not cancel an order with status = confirmed/shipped/delivered * Once cancelled successfully, system sent notification email to user’s email in order details | Must have |

Refinement notes:

* Nice to have – search by key word that does not have exact matches
* Must have – search by exact words entered
* Need titles to show first words because current descriptions are too long
* Add to cart from the compare page
* Need update cart button to edit quantities
* Item should show price, discounted price, and discount percent
* Hardware should have upgrade options associated by vendor contract
* Create users with default passwords for must have with pre-defined users
* Must have would include creating users and managing permissions
* Print function after order is complete
* Need to be able to conduct user testing by mid-week, can conduct online
* Create survey for the user feedback
* For account information, nice to have includes address book and payment methods
* Low priority, a customer should be able to return an item
* Order history, add an item again RE re-purchase – nice to have
* Need cancel button after proceeding to checkout
* Review order page needs cancel button
* Add ability to change customer information, shipping address RE change links
* View orders that shows order in last 6 months, 1 year
* Show highly ranked items and recently purchased items
* In order history, can we show any active warranties and when they expire in account information
* Search order history
* Add FAQ page that includes help and support
* For the FAQ, if you want to cancel just one item from an order, call the help desk
* Need status to show shipped, in process, etc.
* Need logic and description to show items is in processing or approved
* Associate parent and child relationship to accessories
* Be able to buy accessories separately
* Site should be 508 compliant