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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) |  |
| 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) |  |
| 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) |  |
| 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 |  |
| 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 |  |
| 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 |  |
| 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 |  |
| 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 |  |
| 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 |  |
| 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 |  |
| 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 |  |