

# Global Search | Technical Requirements

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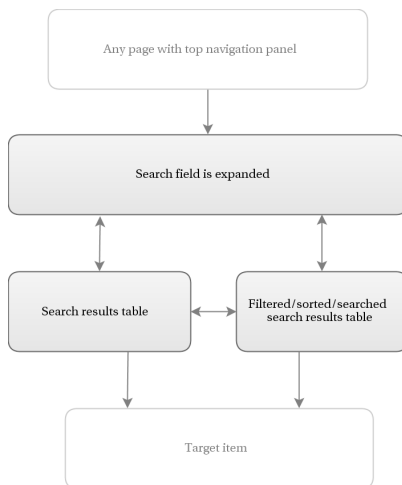
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## General Description

User clicks on “Search” icon in a top navigation menu, inputs word, words, figure, figures, or word/figure combination, receives a list of clickable suggestions in a drop-down list.

User clicks one of the suggestions or system loads a search results page with found instances that are displayed in a table and can be further searched/filtered to narrow down results even further.

## Flow Chart



<b>Pre-Condition</b>	Any page with top header/top navigation (every page on the site will have a global search functionality)
<b>Trigger</b>	Click on a “Search” icon


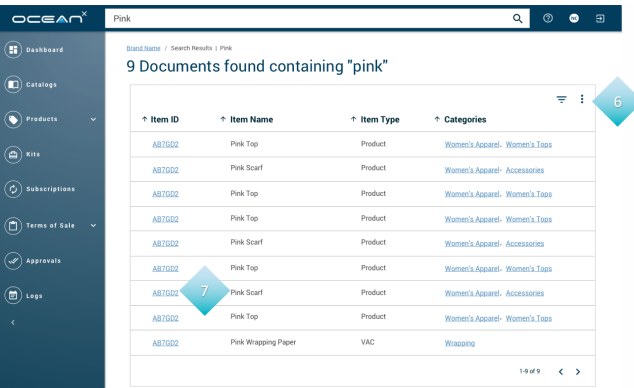
<b>Process</b>	User inputs word, figure or word/figure combination and receives a page with search results presented as a table. User may select an item and open an item page or further filter loaded search results to narrow down the query.
<b>Post-Condition</b>	User moves away from search result page to the specific item page.

## Business Rules



<b>User types that have access</b>	All user types. Every user has ability to search among elements that belong to sections that are available to current user type.
<b>Primary and secondary participants</b>	No distinction
<b>Assumptions</b>	<ol style="list-style-type: none"> <li>1. User needs to use global search</li> <li>2. User doesn't need to use advanced searched (pre-defined conditions for a specific query beyond word/character search)</li> <li>3. User will not need to perform batch actions with found elements</li> </ol>
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>1. Depending on the user location (Site section where search is triggered), search results will be pre-sort showing related elements first. <ul style="list-style-type: none"> <li><b>Example:</b> If Search is triggered from "Products" page, search result table will show Products first and then all the rest items matching search criteria.</li> </ul> </li> <li>2. As user starts typing in the search field, they will see a list (maximum 10) of found instances for quick selection. User may pick an option from the suggestions and will be send to the selected item page. <b>(Business logic of the populated 10 item list is TBD)</b></li> <li>3. Search Results table has the following set of fields: <ol style="list-style-type: none"> <li>a. Item ID (PPID) with a link to the item page</li> <li>b. Item Name</li> <li>c. Item type (Product: Single, Kit, Subscription or non-product: Shipper, Packaging, Collateral, VAS)</li> <li>d. Relationships (in Kits, in Subscriptions)</li> <li>e. <b>TBD</b></li> </ol> </li> <li>4. If search results don't contain any elements of the type same as the location, they will not be pre-sorted in the search results table. <ul style="list-style-type: none"> <li><b>Example:</b> If Search is triggered from "Products" page, but no products are found containing the searched word combination, then search result table will not pre-sort results.</li> </ul> </li> <li>5. If user is triggering search from "secondary" pages ("Help", "Search Results"), search results will not be pre-sorted in the search results table.</li> <li>6. User may sort search results using standard table search functionality <b>(Explained in Use Case #)</b>.</li> <li>7. User may further filter down search results using standard table filter functionality <b>(Explained in Use Case #)</b>.</li> </ol>

<p><b>Typical Behavior</b></p>	<ol style="list-style-type: none"> <li>1. By default, all icons, including “Search” icon are “muted” (70% opacity).</li> <li>2. On hover, icon lights up to 100% opacity, and hand pointer cursor appears.</li> <li>3. On click, search field expands, and blinking cursor appears inside the field.</li> <li>4. As user starts typing, cursor moves along on the right side of the input value.</li> <li>5. To send query, user may click “Enter” or Search icon – both actions will trigger opening of a search results page.</li> <li>6. Search results are displayed in a standard table with full table functionality (Explained in Use Case #).</li> <li>7. User selects a record in the table, clicks item ID and is transferred to the item page.</li> </ol>
<p><b>Alternate Behavior</b></p>	<ol style="list-style-type: none"> <li>1. As user starts typing in the search field, they will see a list (maximum 10) of found instances for quick selection. User may pick an option from the suggestions and will be sent to the selected item page. (Business logic of the populated 10 item list is TBD)</li> <li>2. If nothing is found, user will not see search results table, instead they will get a message that nothing was found.</li> </ol>
<p><b>Determination of successful result</b></p>	<p>User is able to see search results page with items containing user provided search criteria, user selects an item by clicking an item link and is sent to the selected item page. On the selected item page, user entered search criteria is highlighted on the page.</p>
<p><b>Exceptions</b></p>	<p>User profile information and brand information are excluded from the search.</p>
<p><b>API references</b></p>	<p>TBD</p>

## Typical Behavior

	<ol style="list-style-type: none"> <li>1. By default, all icons, including “Search” icon are “muted” (70% opacity).</li> <li>2. On hover, icon lights up to 100% opacity, and hand pointer cursor appears.</li> <li>3. On click, search field expands, and blinking cursor appears inside the field.</li> <li>4. As user starts typing, cursor moves along on the right side of the input value.</li> <li>5. To send query, user may click “Enter” or Search icon – both actions will trigger opening of a search results page.</li> </ol>
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## Alternate Behavior

1. As user starts typing in the search field, they will see a list (maximum 10) of found instances for quick selection. User may pick an option from the suggestions and will be send to the selected item page. **(Business logic of the populated 10 item list is TBD)**
2. If nothing is found, user will not see search results table, instead they will get a message that nothing was found.

## System Messages

Field	Conditions	System Message
	Nothing Found	"Nothing found containing <search criteria>."
	Query returned results with total number ending with figure 1 (1, 21, 31, etc.)	"<Number of records> item found containing <search criteria>."
	Query returned results with total number ending with figure other than 1 (1, 21, 31, etc.)	"<Number of records> items found containing <search criteria>."

## Error Messages

No error messages assumed for this Use Case.