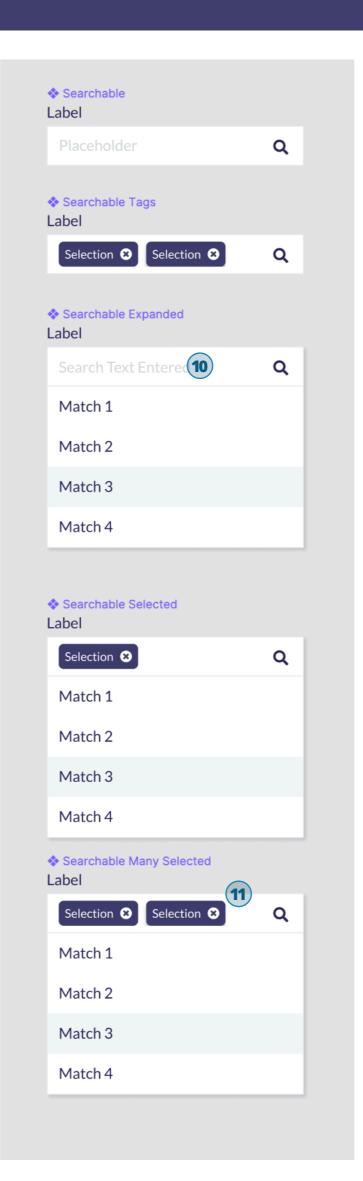


## **Requirements:**

- WCAG 2.1 AA standard
- keyboard interactions: (12)
  - up / down
    - selects next item up or down in the list
    - bottom stops down Assumption
    - top stops up Assumption
  - esc
    - closes
    - doesn't change selection Assumption
  - enter
    - selects
    - changes the value.
    - closes
  - tab
    - enter
    - esc
    - focuses on next input
  - delete / backspace -
    - deletes character
    - or deletes pill

## Other Assumptions:

- The component width is determined by the width of the container.
- The Drop down panel is always the same width as the input.
- When a label wraps it will be vertically center aligned with the image.
- The drop down has a max height after which the content scrolls.
- The arrow button will also scroll the content
  - down keeps the selected on the bottom, not showing the next item.
  - up keeps the selected on the top, not showing the next item.
- Filtering functionality exists on the client and not a service to be hit.
- Lists will not sort, they will display the data as recieved.
- animation on activation of drop down is an appear.



Multiselect Component

The main component. This will compose all the other components and functionalities together. Combines the label with the form element.

(2) Icon Component

A single icon, not associated with links or other functionality. Predefined SVGs. Light or dark theming.

3 Pill Component

This is a removeable pill. Has light and dark theme with a possibility of more. In the future will need to accept an image.

Debounce

The input will need a debounce feature for the typing part of the component.

**5** Revealing Panel Component

This component will allow a panel to be revealed. Holding the animations for top, bottom, left, or right reveals.

**6** List Group Component

This creates an item list that takes a list item. It allows for a title so items can be grouped together.

**7** List Item Component

This groups an image component with a label in a particular style. Image is not required.

**8** Contained Image Component

This defines the display of an image. Can define a shape. Can show an image, icon, or color. Has a color as a default. The size of this image is defined by it's container.

9 Filter

After debounce the list will be filtered based on results. Groups with no items will not be shown.

10 Placeholder text

After debounce the list will be filtered based on results. Groups with no items will not be shown.

**Multiple Select** 

Allows for selecting multiple values.

Key stroke detection

This will allow to respond to different key strokes.

**List Item Component Number in list** 

Ability to show the number of items in the list in the group title. The number only shows if it is greater than one.

RTL / LTR

Ability to Support RTL and LTR languages. **Assumption** - not needed.

On Change

The values will be emitted on change. Change occurs when a pill is added or removed. Would emit the new value as an array. If no items the array would be empty.

On Filter

An event emitted when text has been entered to filter the list. This would emit the updated text.

Open / Close Panel

The panel will be revealed when the text box is focused. It is closed on blur or when a value is selected.

**Duplicate Selections** 

When a value is selected it is removed from the list of options able to be selected. **Assumption**