

1Select Students and Groups

3Milton Ace2✖

49141516

2Q

18Select Students and Groups

18Milton Ace✖

517Q

Classes

2Math 101 (14 students)

13Students (21)

Molly Abraham-Lincolnshire

Milton Ace18

Nancy Adelson

Trevor Bennett

Megan Biden

Esther Bundleson

6Groups

8Project Group 3 (14 students)7

- 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.

Searchable

Label

Placeholder

Q

Searchable Tags

Label

Selection✖Selection✖

Q

Searchable Expanded

Label

Search Text Entered10

Q

Match 1

Match 2

Match 3

Match 4

Searchable Selected

Label

Selection✖

Q

Match 1

Match 2

Match 3

Match 4

Searchable Many Selected

Label

Selection✖Selection✖11

Q

Match 1

Match 2

Match 3

Match 4

- 1Multiselect Component

The main component. This will compose all the other components and functionalities together. Combines the label with the form element.
- 2Icon Component

A single icon, not associated with links or other functionality. Predefined SVGs. Light or dark theming.
- 3Pill 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.
- 4Debounce

The input will need a debounce feature for the typing part of the component.
- 5Revealing Panel Component

This component will allow a panel to be revealed. Holding the animations for top, bottom, left, or right reveals.
- 6List Group Component

This creates an item list that takes a list item. It allows for a title so items can be grouped together.
- 7List Item Component

This groups an image component with a label in a particular style. Image is not required.
- 8Contained 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.
- 9Filter

After debounce the list will be filtered based on results. Groups with no items will not be shown.
- 10Placeholder text

After debounce the list will be filtered based on results. Groups with no items will not be shown.
- 11Multiple Select

Allows for selecting multiple values.
- 12Key stroke detection

This will allow to respond to different key strokes.
- 13List 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.
- 14RTL / LTR

Ability to Support RTL and LTR languages. **Assumption** - not needed.
- 15On 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.
- 16On Filter

An event emitted when text has been entered to filter the list. This would emit the updated text.
- 17Open / Close Panel

The panel will be revealed when there is enough text to trigger the filter. The only way to close the panel is to focus off or hit enter / esc.
- 18Duplicate Selections

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