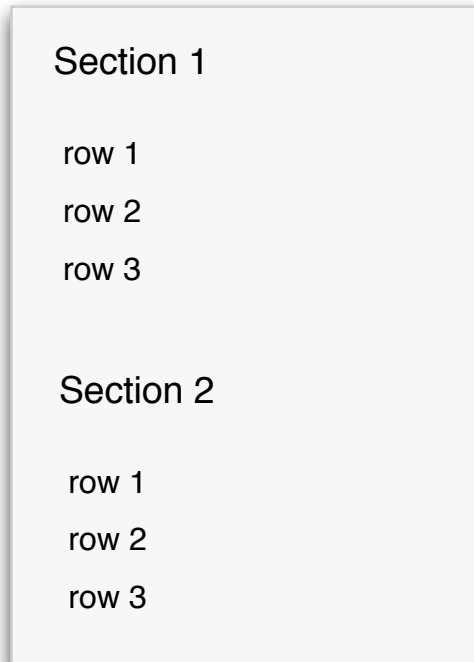


## x-tags specs

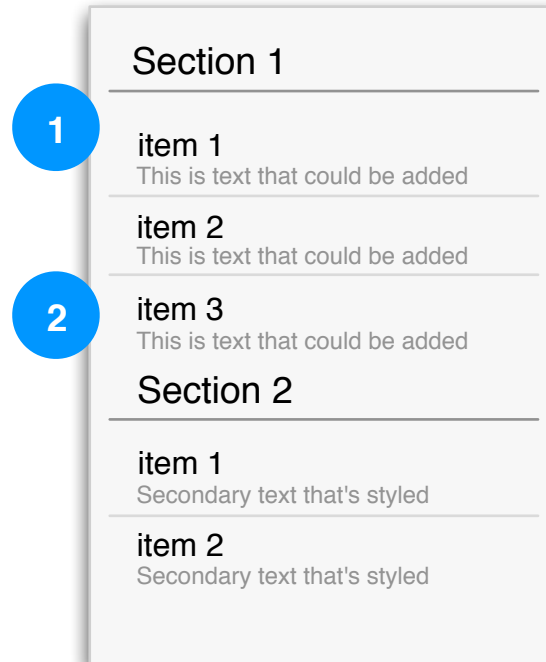
### List

#### Characteristics:

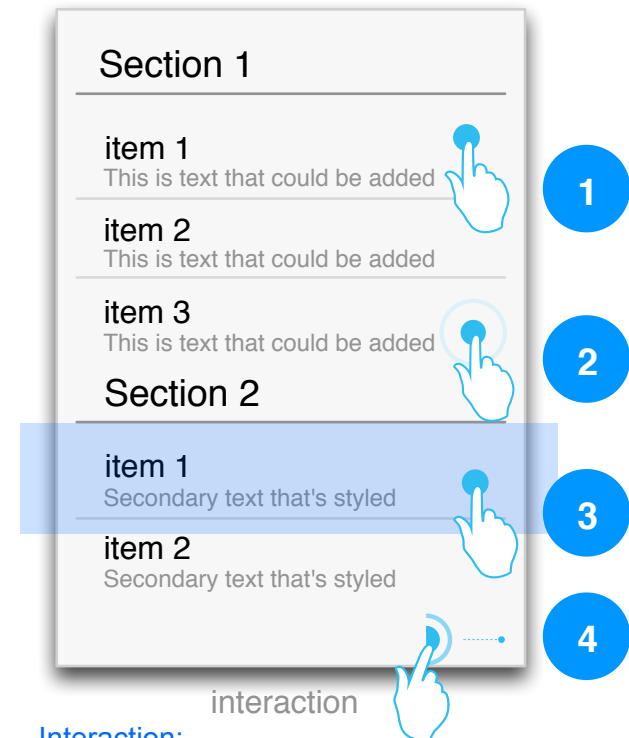
- are composed of rows and section headers
- varying contents (from text/ image/ button only to image + text + button)



basic element



with styling



interaction

#### Interaction:

#### Customizable attributes:

1. # of sections
2. # of rows (< 0)

#### CSS default template:

1. separator lines below each section & each row
2. styling for primary & secondary text

animation of #4, which one is easier/ more fun? option a) item fades out, disappears and list shrinks. option b) entire row moves left (or right), disappears and list shrinks

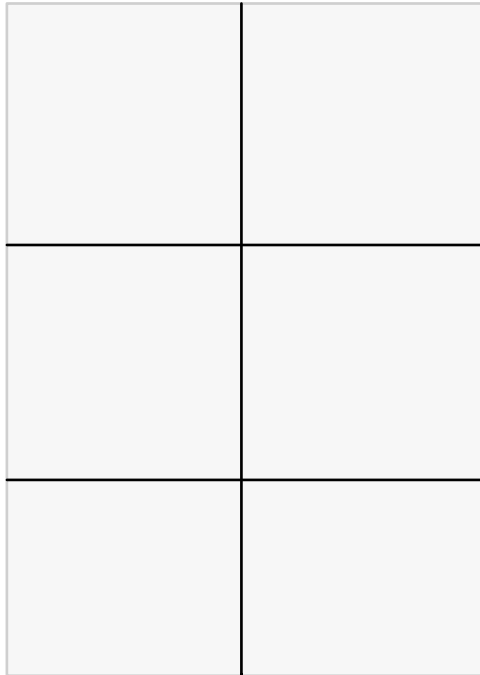
1. line items could be clicked/ tapped to trigger events
2. line items could be double click/ long press to open option menu (when applicable)
3. the entire row is the target area
4. to remove an item, swipe across item to either left or right.
5. list is scrollable: on touch devices, use swipe (up & down); otherwise, display scrollbar.

## x-tags specs

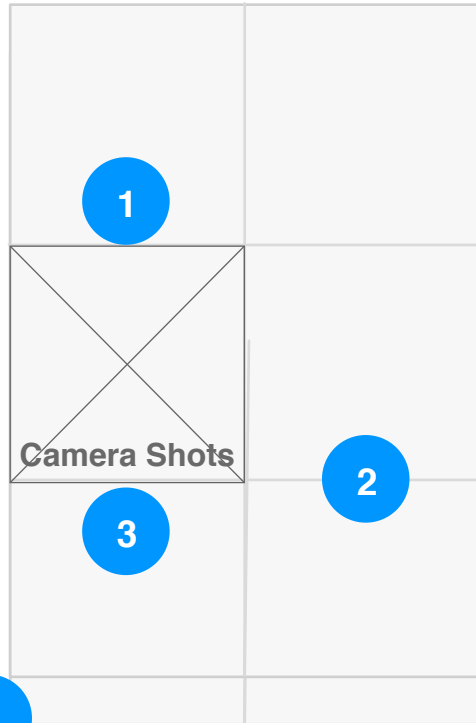
### Grid list

#### Characteristics:

- are composed of rows and columns (often of equal length)
- usually consist of images or images + text



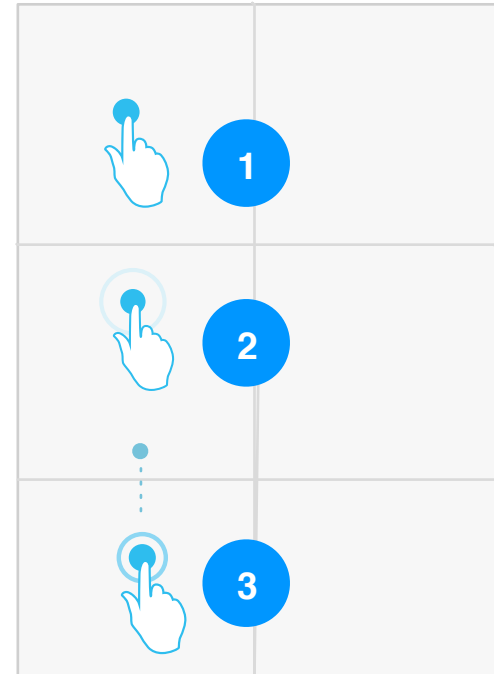
basic element



with styling

#### CSS default template:

1. grids are squares
2. if there's an input gallery, shrink the image's short side to the length of square and center image in the middle (default)
3. image border by default
4. if there's text associated with the image, place the text below
5. visual hint for more images



interaction

#### Interaction:

1. tap/ click squares to trigger events
2. double click/ long press items to open option menu (when applicable)
3. swipe up to move the canvas down & vice versa

\* only fixed dimension now.

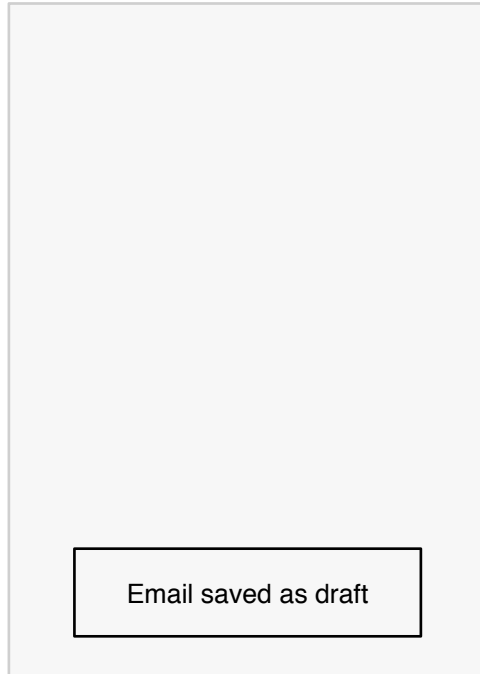
last modified: Wed Jul 25 2012

## x-tags specs

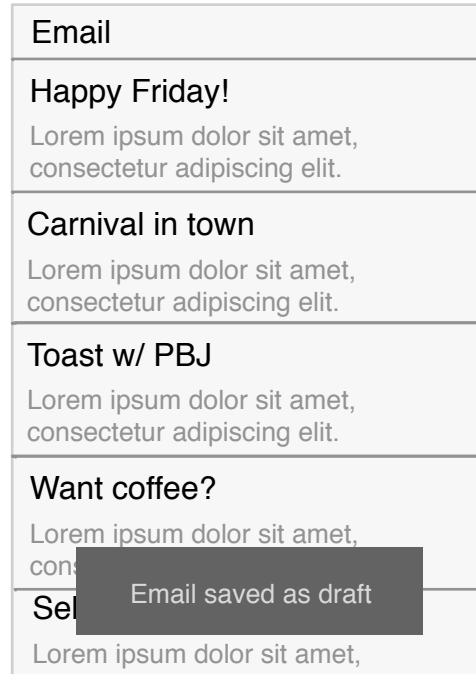
### Toast message

#### Characteristics:

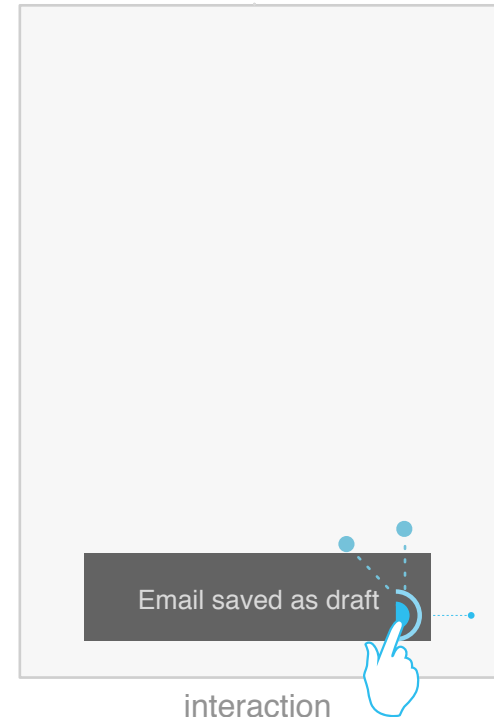
- a small popup that automatically disappears after several seconds
- does not require user input
- trigger by event i.e. new email



basic element



with styling



interaction

#### Customizable attributes\*:

1. message and/or image within toast
2. duration (default: 3 sec)
3. location of toast (default: bottom)

#### CSS default template:

1. text only, no image
2. include margin & padding

#### Interaction:

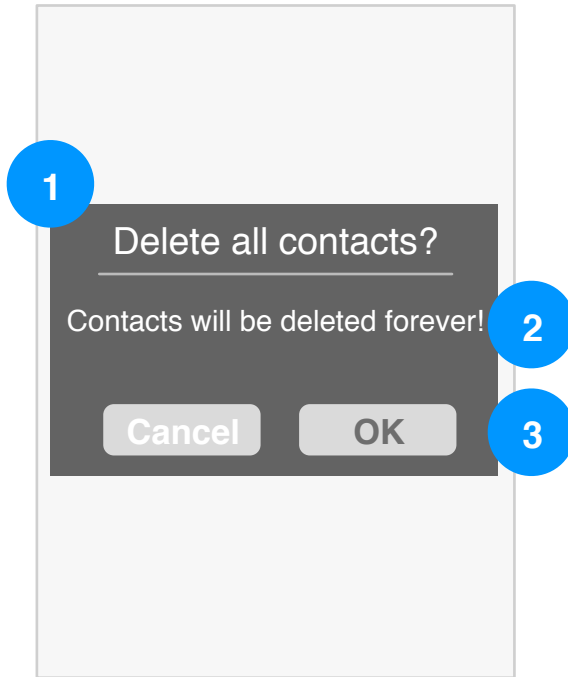
1. swipe at any angle across the toast to dismiss. Toast fades out.

## x-tags specs

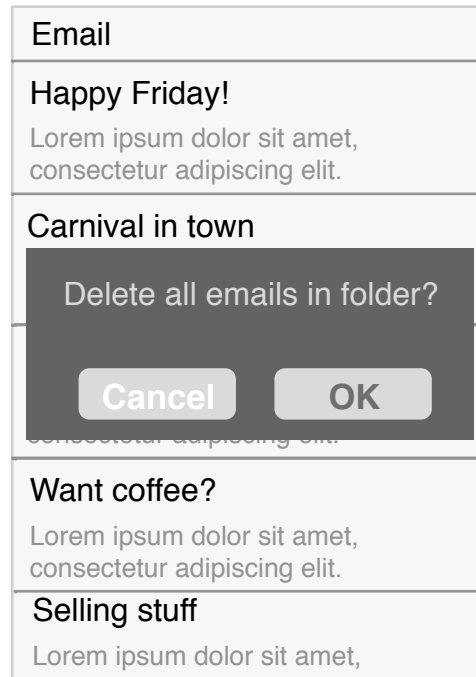
### Alert popup

#### Characteristics:

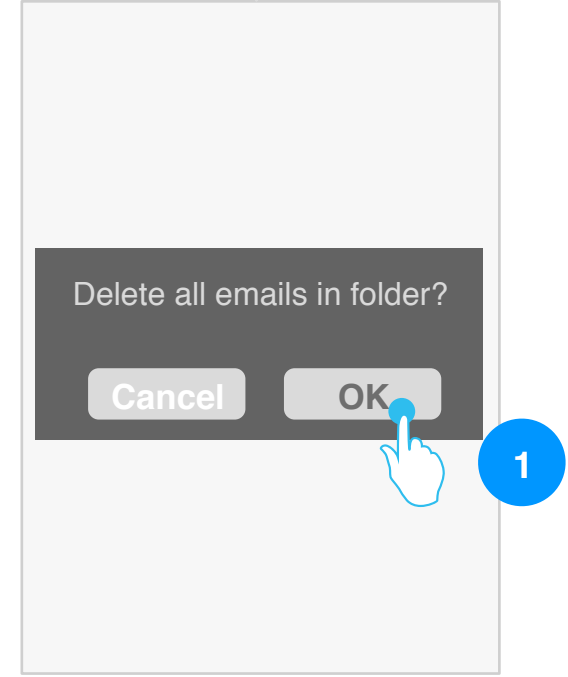
- a small popup that requires user input to dismiss
- trigger by a command that might have serious consequences i.e. delete a folder



basic element



with styling



interaction

#### Customizable attributes:

1. if a title is used, define content of title
2. content of message
3. content of action buttons
4. location (default: center)

#### CSS default template:

1. include 2 buttons- primary and secondary
2. include margin & padding

#### Interaction:

1. does not disappear until an event happen (user input)

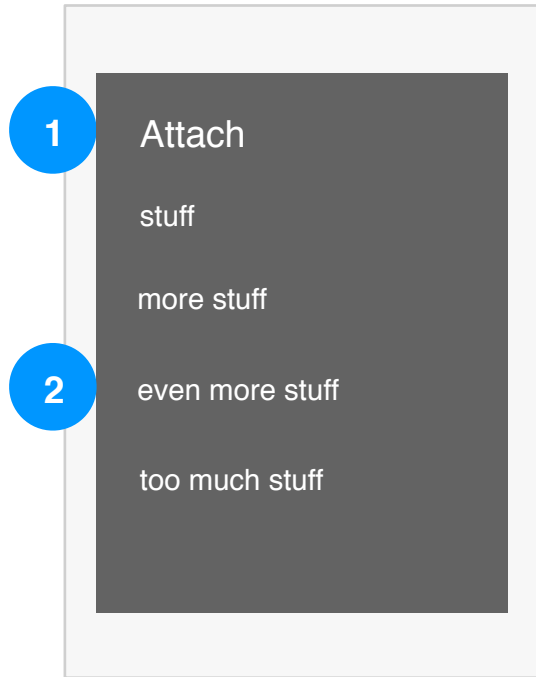
disables current activity until the alert popup disappears

## x-tags specs

### Select list 1/2

#### Characteristics:

- a popup that requires user input to dismiss
- trigger by a user event which requires further information (type of file to be attached in an email)



basic element



with styling



interaction

#### Customizable attributes:

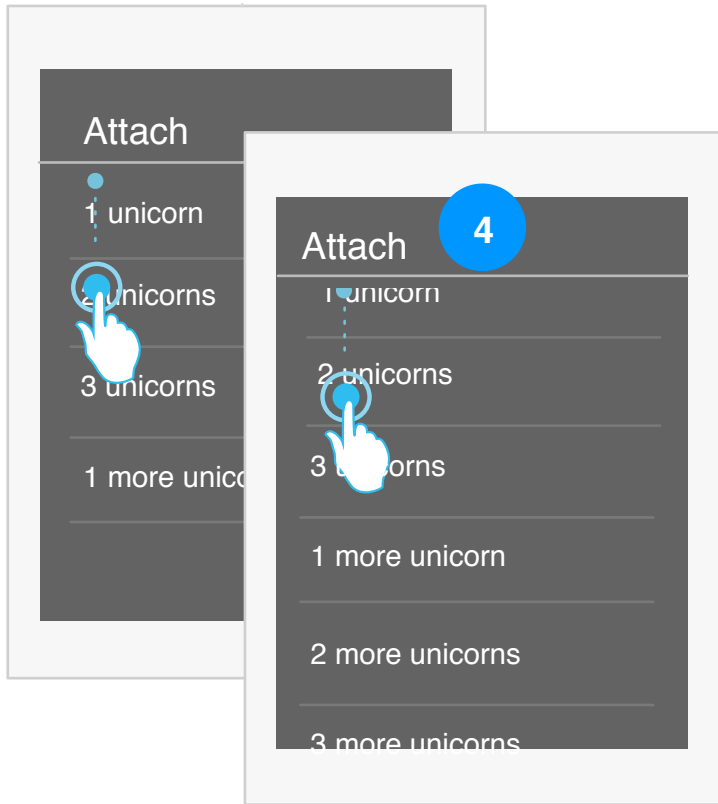
1. content of title
2. content of list items
3. location (default: center)
4. selection: single-select or multiselect (default: single-select)

#### CSS default template:

1. popup appears in center by default
2. includes title
3. line separators under title and each row
4. include margin & padding

#### Interaction:

1. click/ tap a line item to trigger events
2. the entire row is the target area
3. dismiss with one of the following options: back button on device, esc button, tap/ click on white space outside of prompt, drag to any direction



interaction

Interaction:

4. list is scrollable. Swipe up or down to move the items. Title is sticky.



interaction

Interaction:

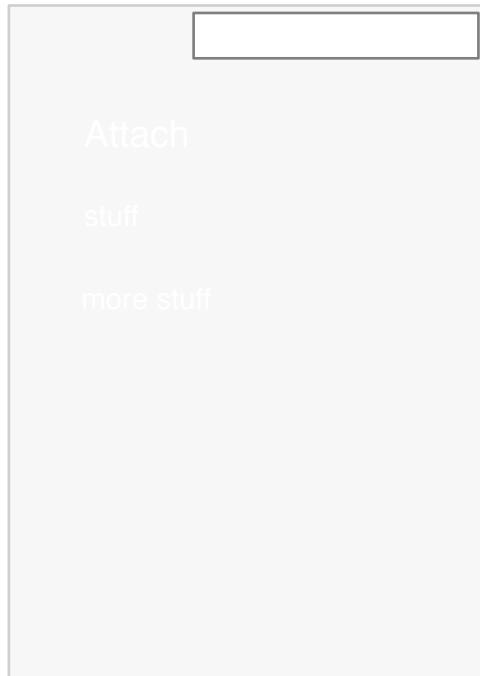
5. in the multiselect variation, when the user selects an item, the indicator changes. When the same item is selected again, the indicator will change to the deselected state.

## x-tags specs

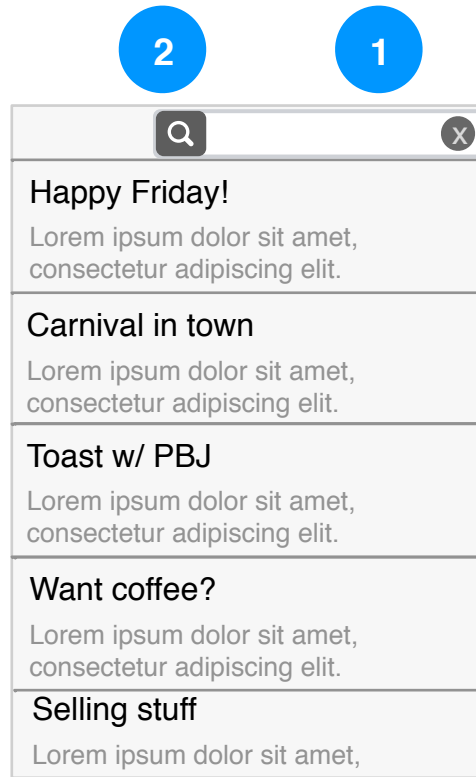
### Search

#### Characteristics:

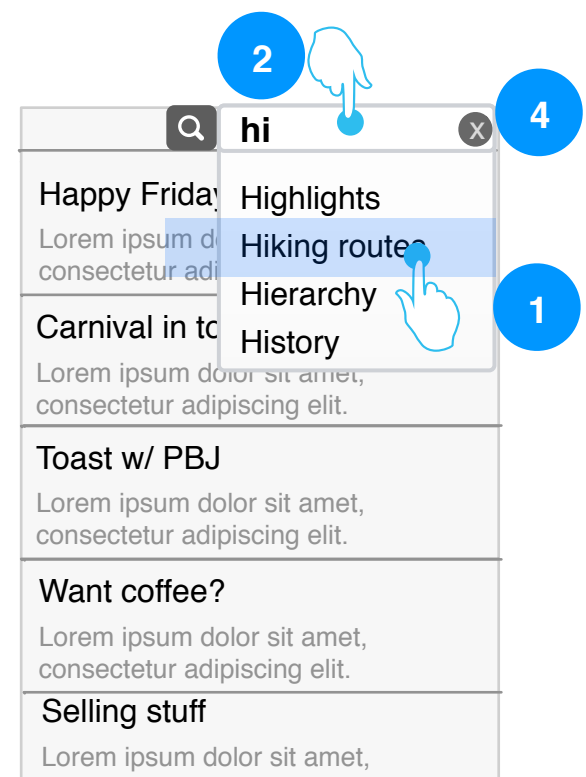
- accepts text input only
- search bar could be sticky or temporary



basic element



with styling



interaction

#### Customizable attributes:

1. autosuggest on/off
2. live search/ dynamic results ("key up") on/off
3. search source (within app or external)

#### CSS default template:

1. float right
2. include search icon

#### Interaction:

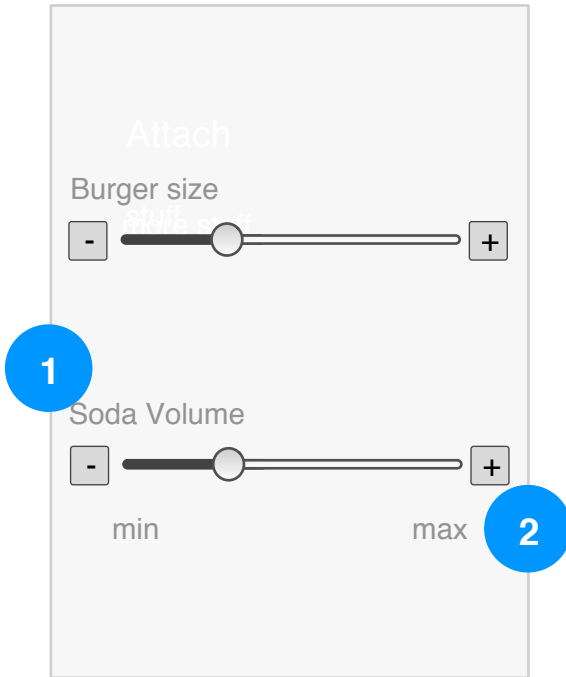
1. (with autosuggest) tap/ click on items from drop down list to trigger event
2. alternatively, tap/click on the search icon, or press "enter" on keyboard to trigger event
3. tap/ click on search box to start typing
4. tap/ click "x" to clear text field

## x-tags specs

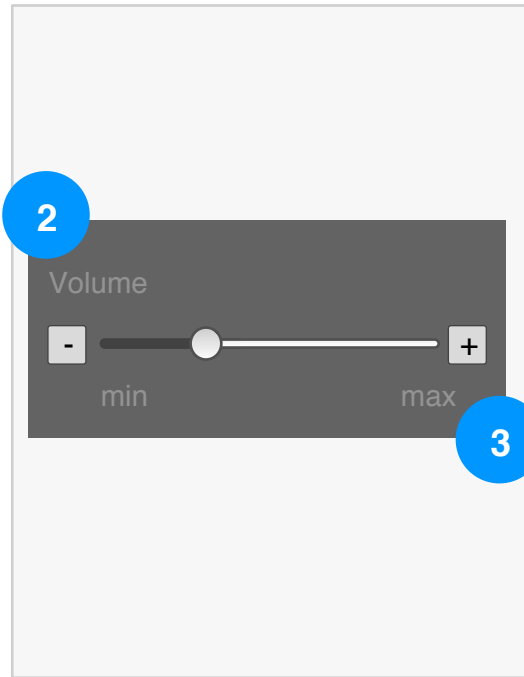
### Slider

#### Characteristics:

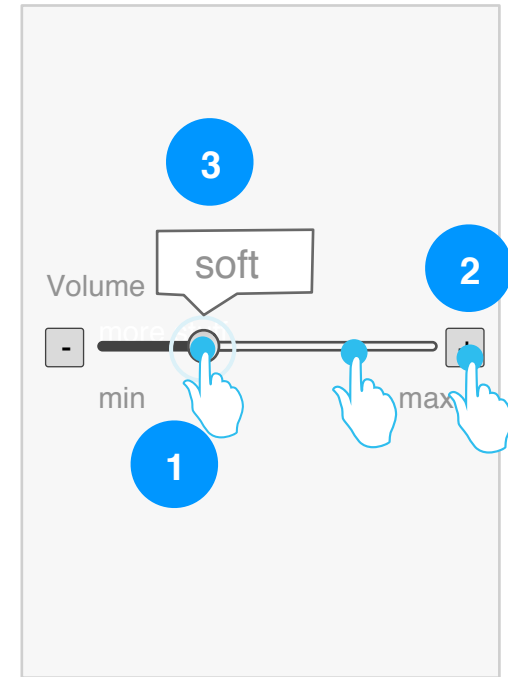
- input values could be continuous or discrete
- the values are relative
- trigger by a user event



basic element



with styling



interaction

#### Customizable attributes:

1. primary label
2. min & max label
3. snap to increment (default: always on for discrete values)
4. popover label on/off
5. popover label buckets (i.e. S/M/L and according numerical mapping)
6. unit value (non-UI)

#### CSS default template:

1. appear in center by default, and space evenly when there are >1 sliders
2. includes primary label
3. includes value label

#### Interaction:

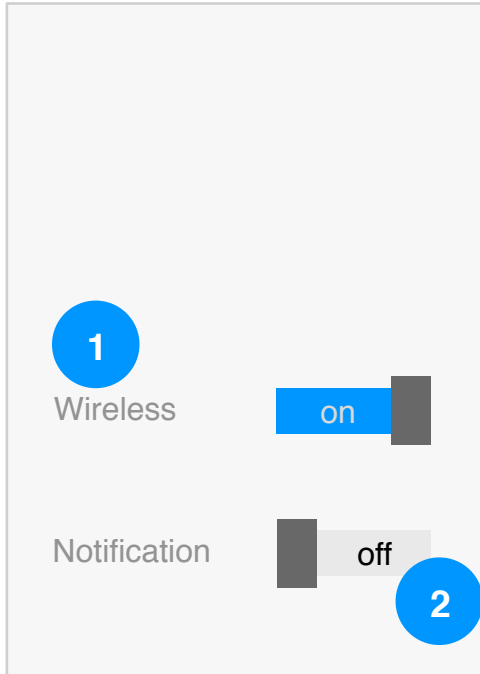
1. long press/ drag on handle to trigger events
2. click/ tap on bar or button to trigger event
3. popover label on drag and disappears upon release



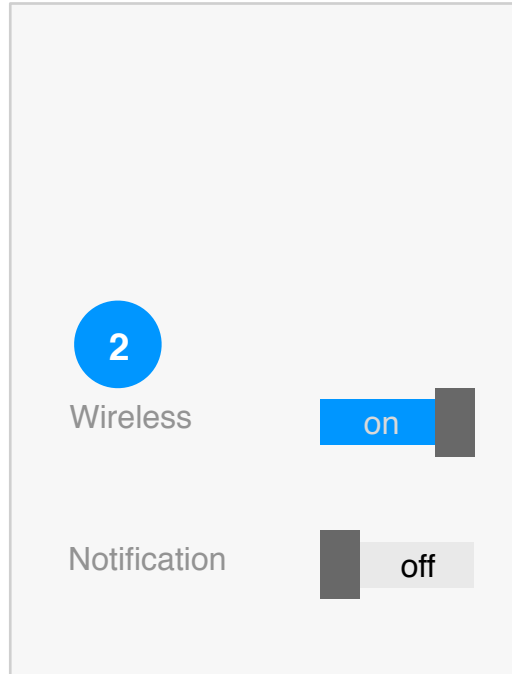
## Toggle switch

### Characteristics:

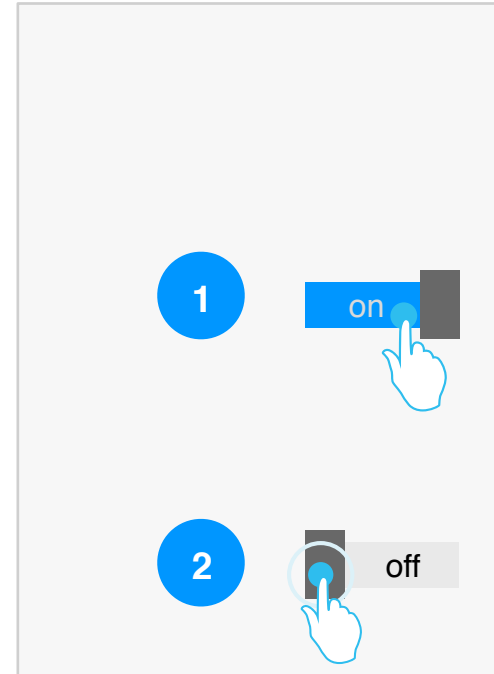
- two states i.e. on or off
- less cognitive demanding than a checkbox
- subsequent changes are immediate



basic element



with styling



interaction

### Customizable attributes:

1. primary label
2. on/off label

### CSS default template:

1. label float left, toggle switch float right
2. include primary labels
3. switches are labeled on/off by default
4. distinctly different colors for on & off states

### Interaction:

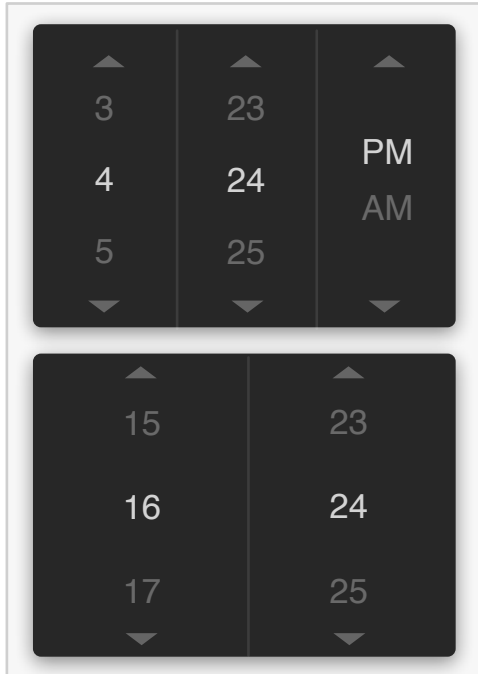
1. click/ tap to trigger events
2. long press/ drag to trigger events

## x-tags specs

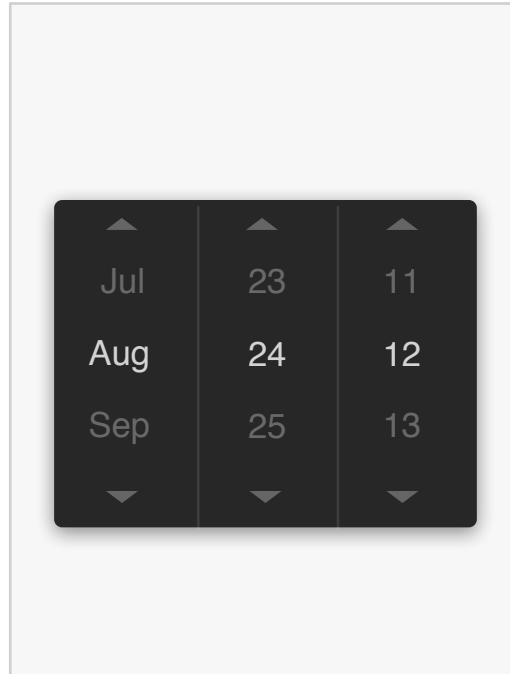
### Time/ Date picker

#### Characteristics:

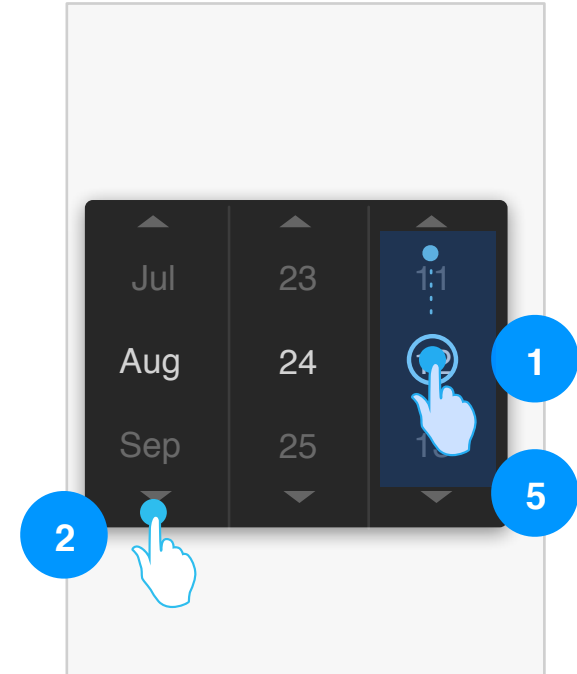
- preset values
- optimize task speed (users usually have clear goals when picking time/date)



basic element



with styling



interaction

#### Customizable attributes:

1. option of AM/PM & 24-hour military time
2. option to customize # of columns (i.e. to turn into a location picker)

#### CSS default template:

1. time or date by default
2. no label
3. centered

treat as popup? if yes, we need "ok" & "cancel" buttons

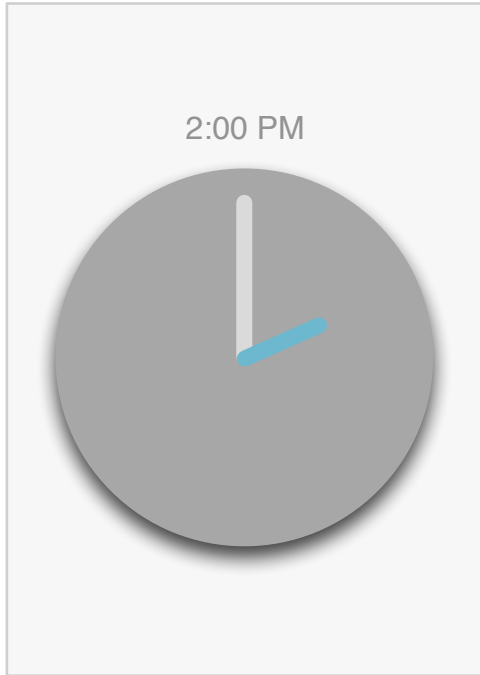
#### Interaction:

1. swipe to select values
2. tap/ mouse click on arrows to increase/ decrease values
3. when swipe. values move in buckets for minutes (0, 15, 30, 45)
4. speed of spin corresponds with swipe movement
5. target area is the entire column

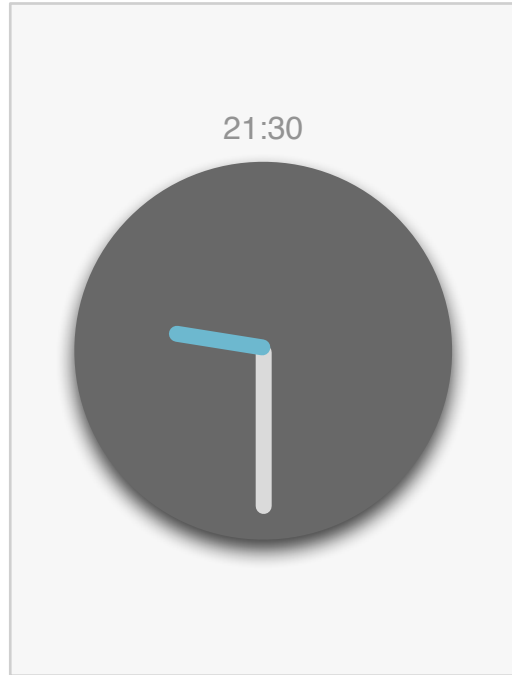
## Time picker alternative

### Characteristics:

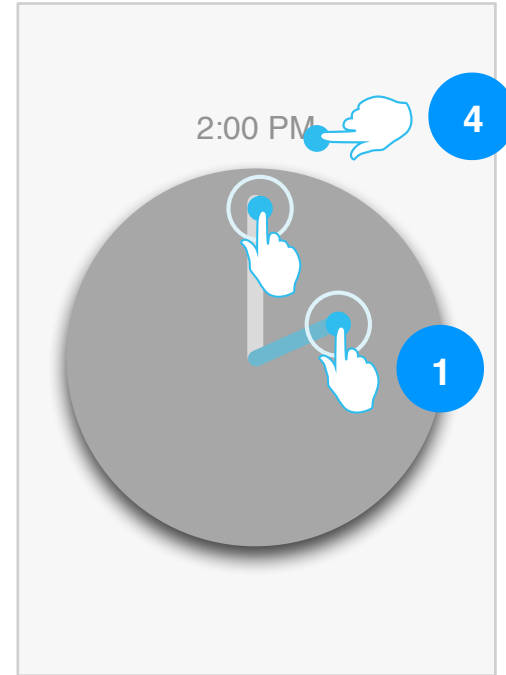
- preset values
- faster direct manipulation on screen
- could be harder to control with mouse given the smaller target



basic element



with styling



interaction

### Customizable attributes:

none (with option of AM/PM & 24-hour military time, which only changes the time is displayed on top of the clock)

### CSS default template:

1. no label
2. centered
3. different colors for hour and minute hands
4. background of clock brightens or dims according to the time of day (2pm is a lighter color than 9:30pm)
5. time display on top of clock

### Interaction:

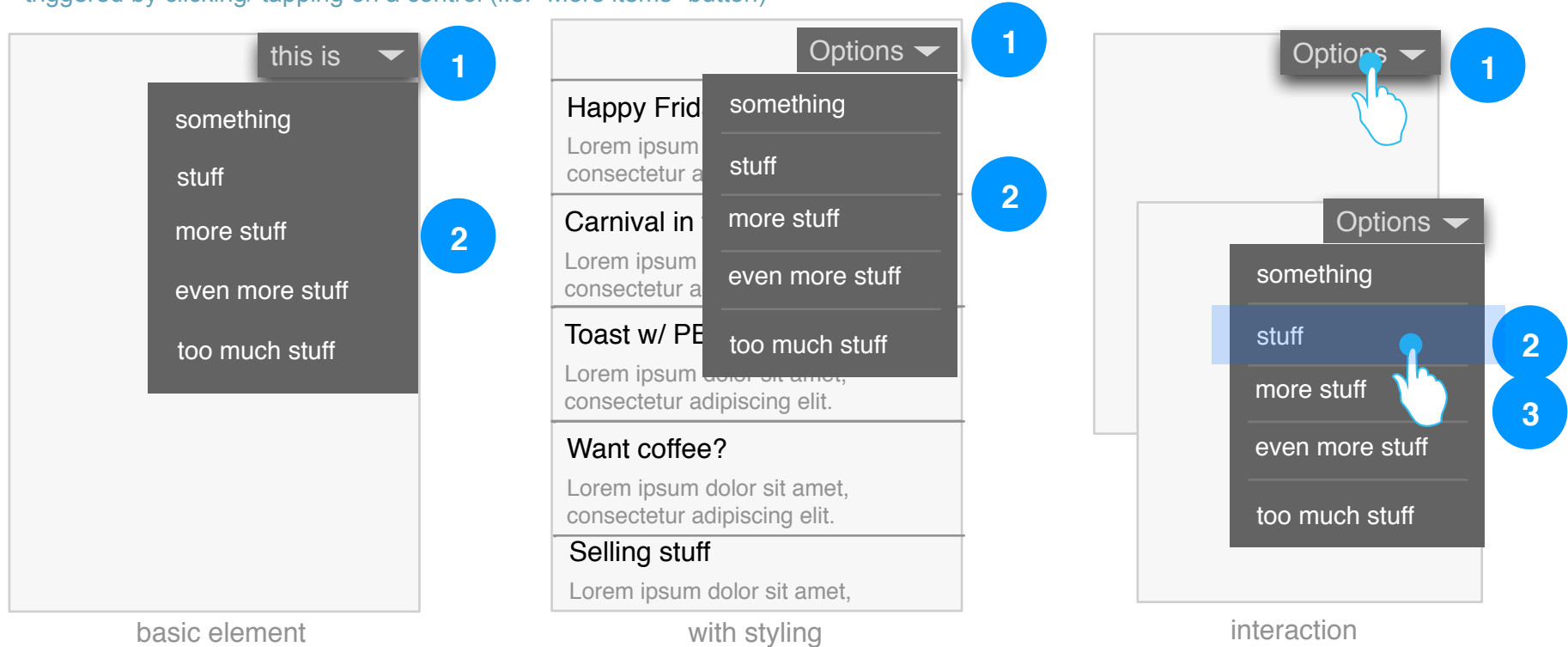
1. long press/ drag hour or minute hands to select time
2. hour hand moves in increments of hours
3. when moving the minute hands, the hour hands adjusts accordingly (i.e. on an analog clock from 1:00 to 1:30)
4. (12 hour clock) tap/ click on AM to change to PM and vice versa

## x-tags specs

### Dropdown menu

#### Characteristics:

- present multiple options in a list
- varying contents (from text/ image/ button only to image + text + button)
- triggered by clicking/ tapping on a control (i.e. "More items" button)



#### Customizable attributes:

1. content of label
2. content of rows

#### CSS default template:

1. drop-down menu aligns to right side of button
2. line separators under each row
3. include padding

#### Interaction:

1. click/ tap on button to expand drop-down menu
2. click/tap on a row to trigger event
3. the entire row is the target area

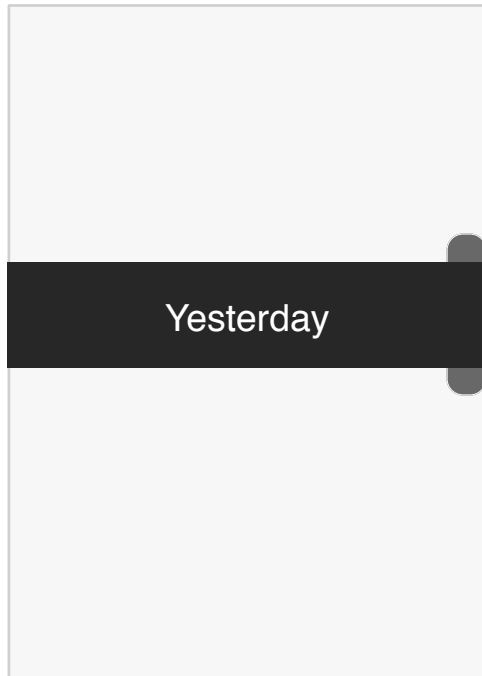
arron: I am not sure if it's a good interaction to have an overflow slide right or scroll option for dropdown on a mobile device. Can we just suggest to use a selector list if item>5?

## x-tags specs

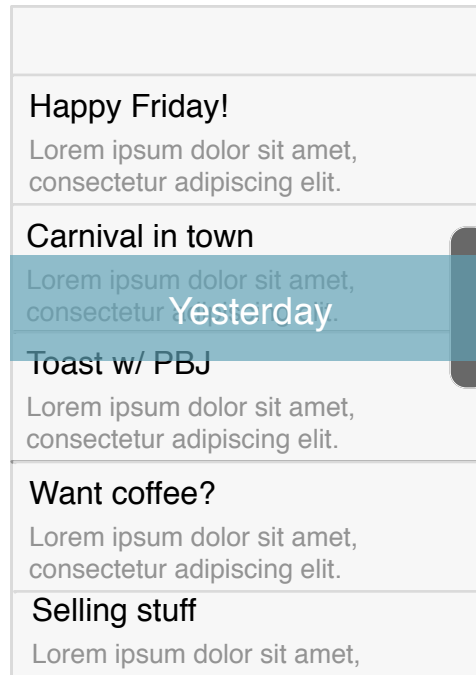
### Index scroller (alphabetical & chronological)

#### Characteristics:

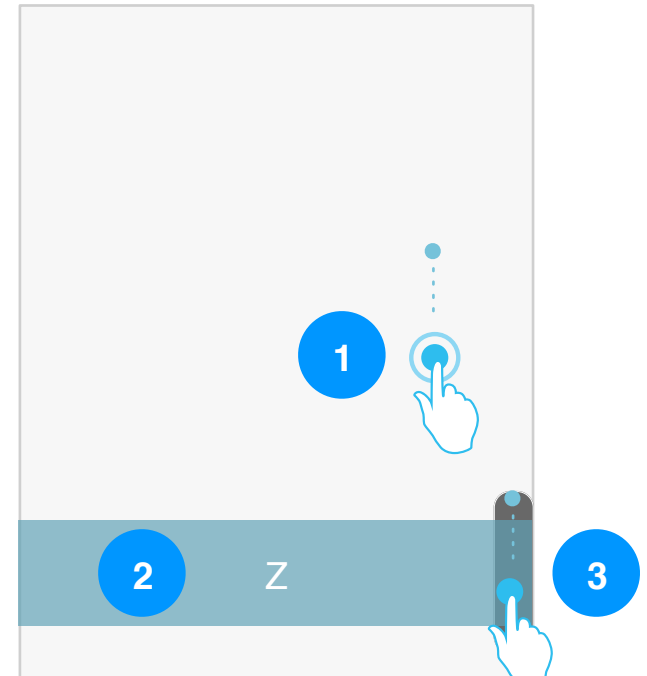
- displays information which aids scanning (i.e. dates/ alphabets)
- the overlay label does not appear by default, and is triggered by fast swipe



basic element



with styling



interaction

#### Customizable attributes:

1. option of an alphabetical list or chronological list

#### CSS default template:

1. semi transparent label
2. label spans across canvas width
3. label text is centered

#### Note:

days are displayed in buckets: yesterday, 2 days ago, 3 days ago... last week, 2 weeks ago... 1 year ago etc

#### Interaction:

1. fast swipe to trigger scrollbar and overlay label (doesn't disable anything)
2. label and scrollbar automatically disappears after 3 seconds after last swipe action (given no new swipe action)
3. scrollbar is always attached to the overlay label, and can be dragged to move between categories quickly (yesterday, 2 days ago etc)