Micro-interactions for Mobile and Desktop Versions of a Calendar Application.
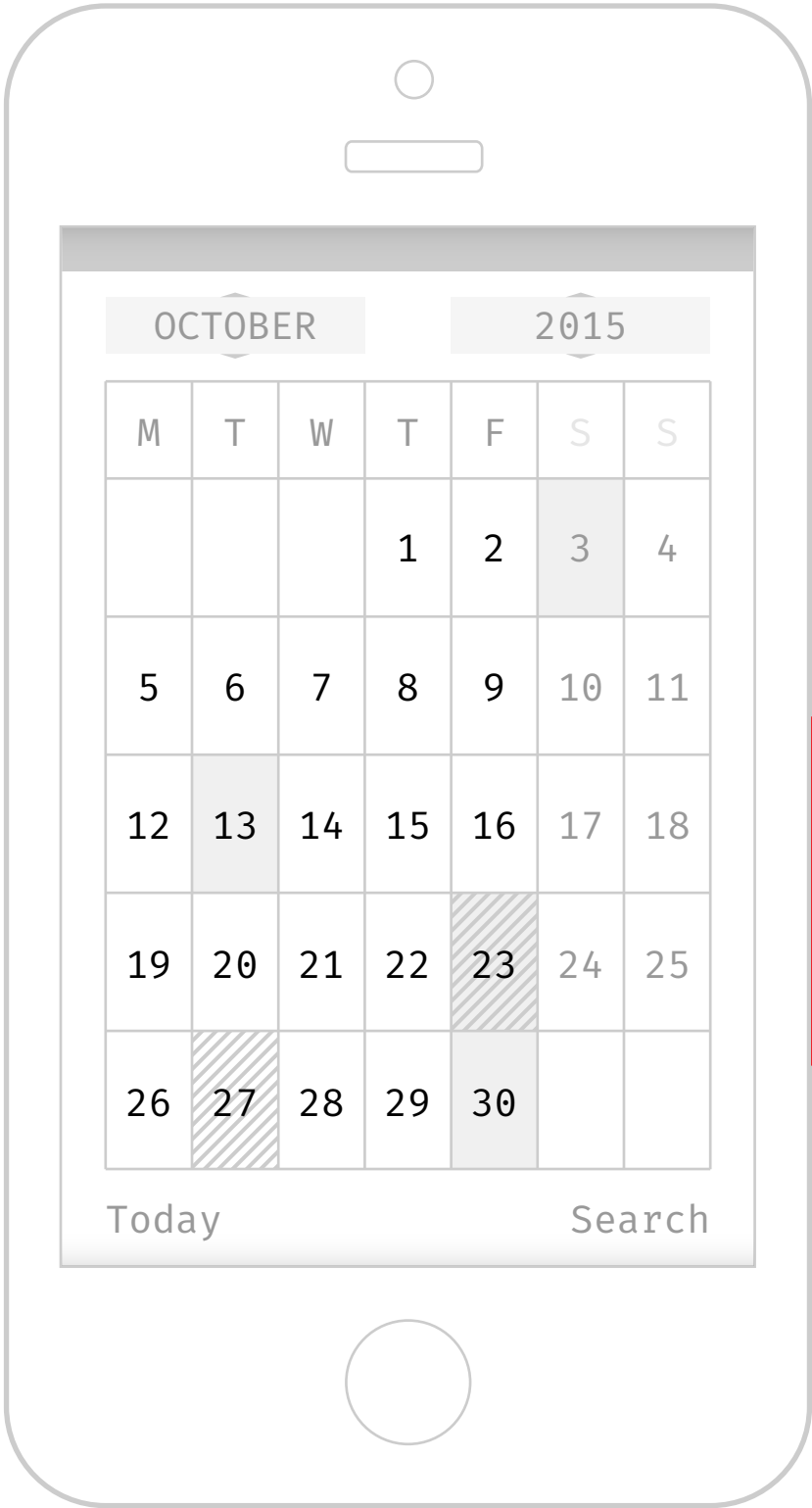
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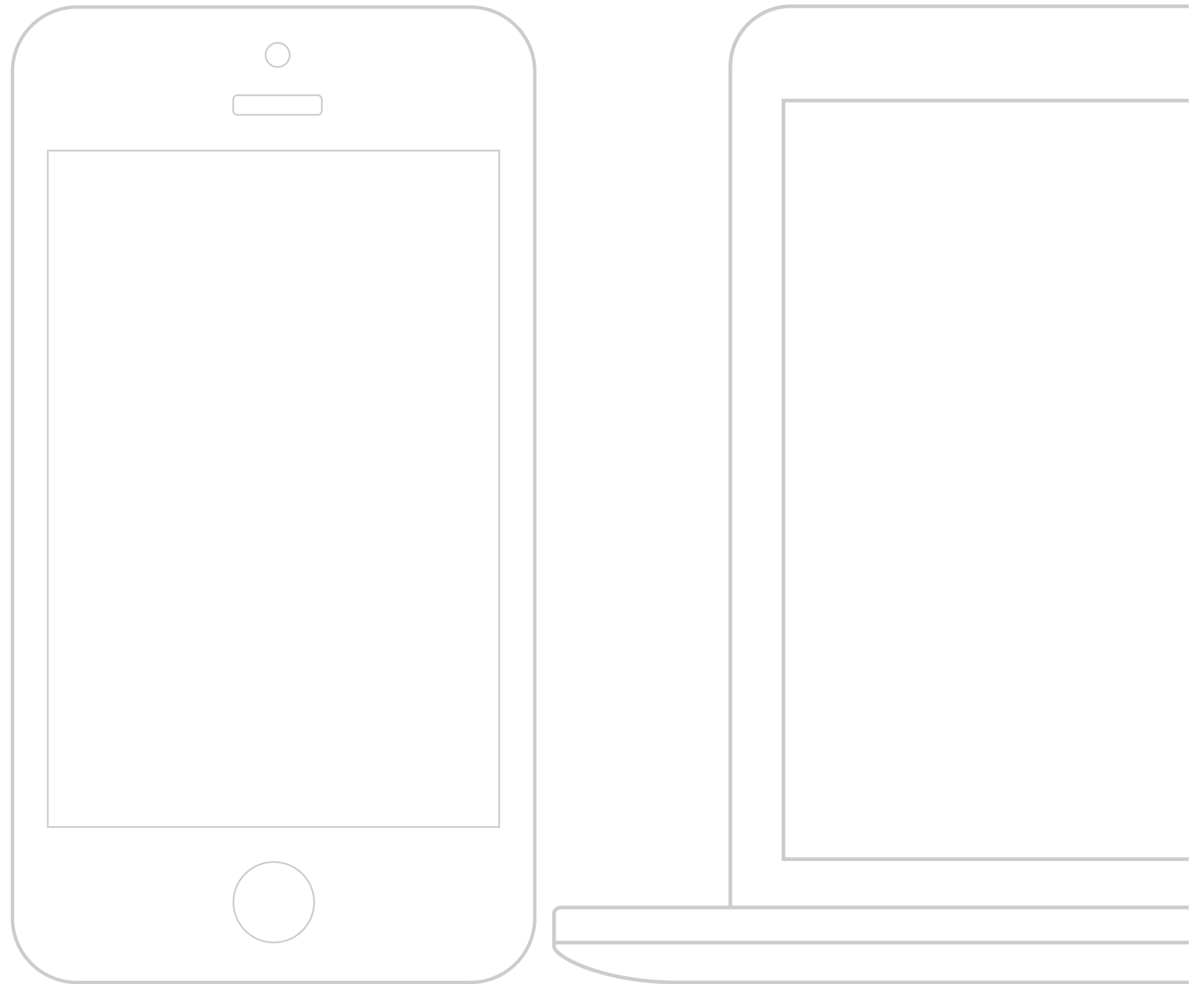
Micro-interactions within the Calendar Application.

1: Assisted Scheduling

OCTOBER   2015

M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Today   Search

The Setup

User-confirmed or added event

A future event that is known to the machine (from an unread email, other shared calendars, etc.) and unknown to the user. This is suggested by the machine.

◄ Highlighting a day with both kinds of events (scheduled and suggested)
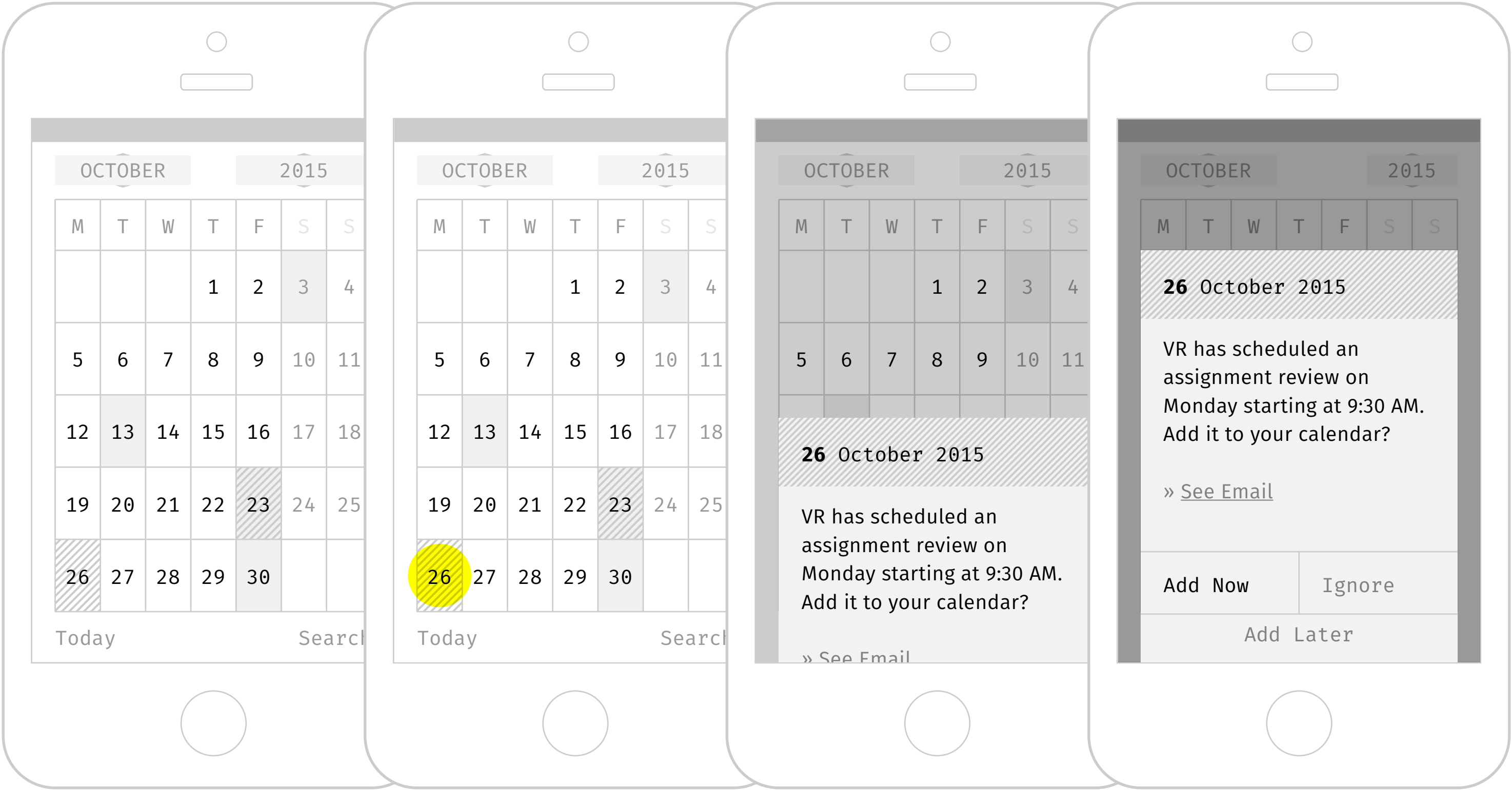
► This may be taken with a pinch of salt. The idea is to maintain only a single, local copy of the machine intelligence, along with the data that is generated by the user's behaviour. In effect, different installations of the same application will help grow different machine intelligences.

Syncing data will ba allowed only when next to the mobile device, and data transfer will be independent of internet connection.

The Microinteraction

26

The suggested events are visible on tapping the grey-lined dates. The dialogue within the popped-up message is very human and actionable.

► All elements in the UI are actionable. (Other than descriptive text) The action-able items are prioritised by using black and greyed out shades, nudging the user the slightest bit.

Screen 1 — Month-view

OCTOBER					2015	
M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Today   Search

Screen 2

OCTOBER					2015	
M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Today   Search

Screen 3

OCTOBER					2015	
M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11

26 October 2015

VR has scheduled an
assignment review on
Monday starting at 9:30 AM.
Add it to your calendar?

» See Email

Screen 4

OCTOBER					2015	
M	T	W	T	F	S	S

26 October 2015

VR has scheduled an
assignment review on
Monday starting at 9:30 AM.
Add it to your calendar?

» See Email

Add Now	Ignore

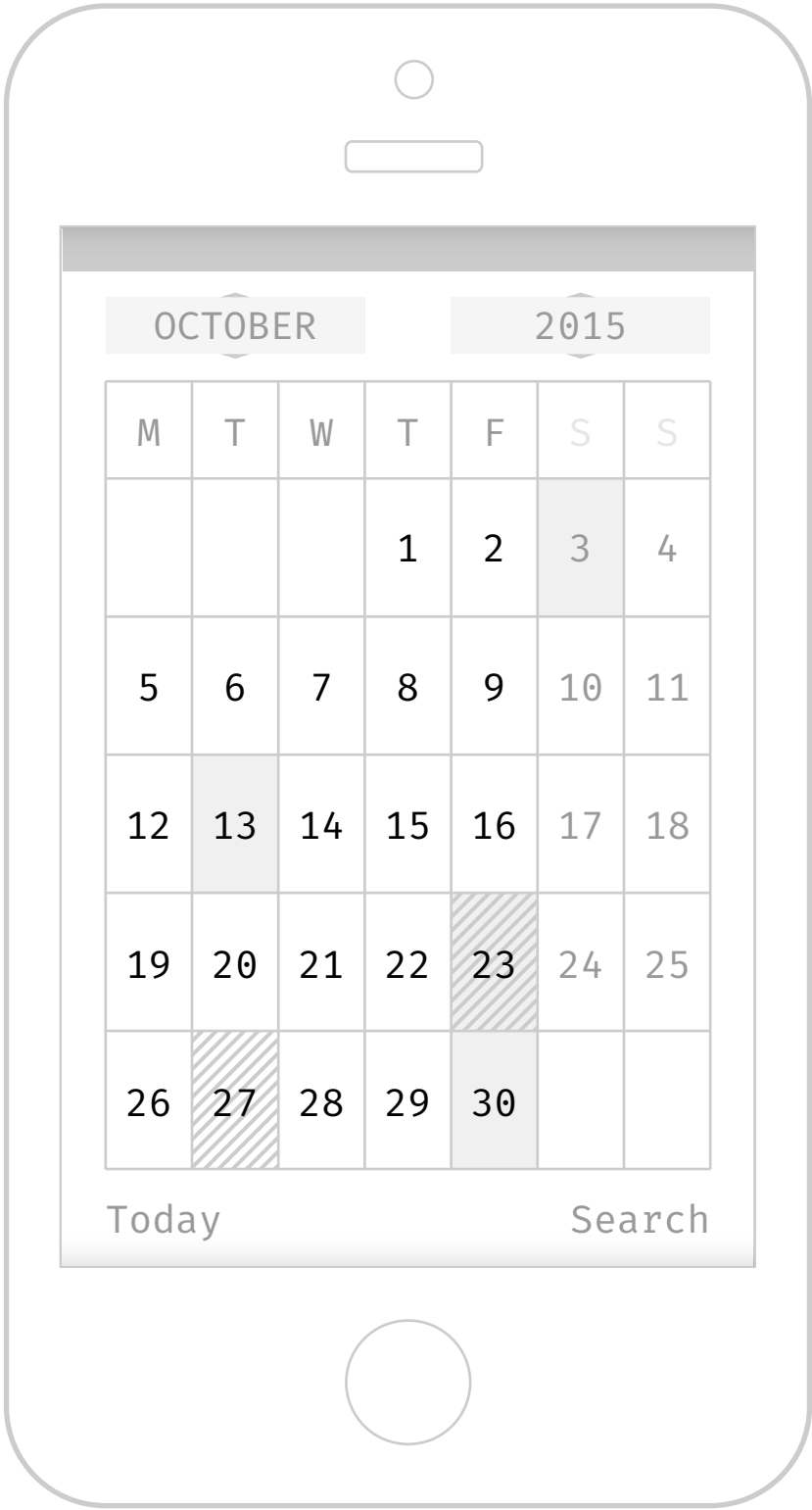Add Later

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Month-view

Single tap on the date with
assisted scheduler indicator

Scheduling suggestion pops up
from botttom of the screen,
dimming the calendar beneath

The scheduler options are given appropriate hierarchy
and intelligible titles which don't penalise the user.
'Add later' is the more preferred option and is bigger
and easier to access than the 'ignore' option.

Micro-interactions within the Calendar Application.
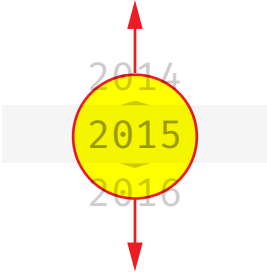
3: Warp-Drive

		M	T	W	T	F	S	S

OCTOBER   2015

M	T	W	T	F	S	S
		1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Today   Search

JULY   2012
AUGUST   2013
SEPTEMBER   2014
OCTOBER   2015
NOVEMBER   2016
DECEMBER   2017
JANUARY   2018

Dragging a finger across the Year and the Month incators will let one navigate to specific years/months.

Following the conventions of the calendar, a scroll down will take you to the past, and a scroll up, to the future. Speed of the scroll controls how fast the jump happens, how far back/forward the display jumps.

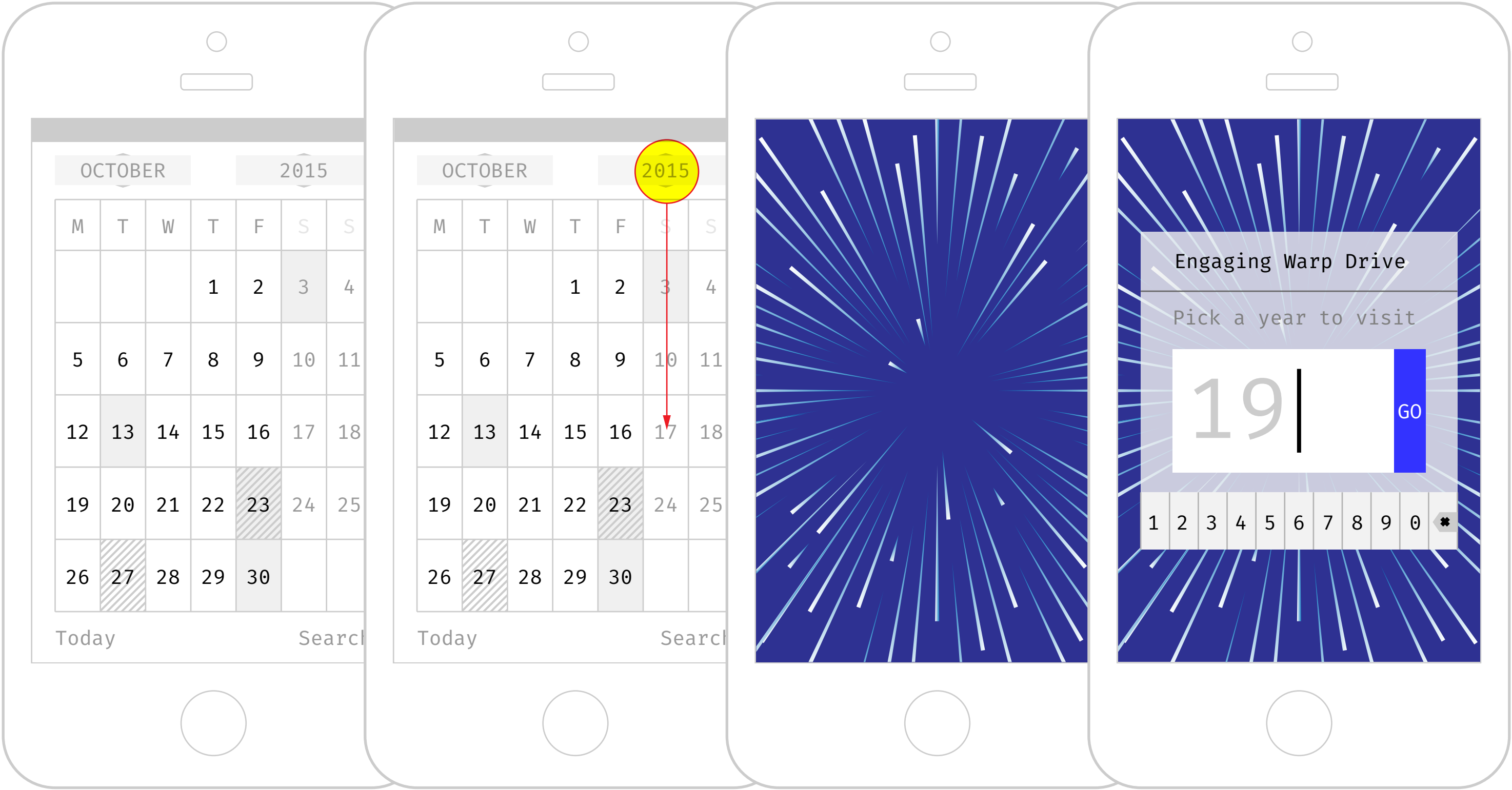## The Microinteraction

2014
2015
2016

On very fast up/down drag, an artwork referencing the Warp-Drive (*Star Trek*) greets the user. The dialog box invites her to travel in time, asking for a specific year to 'visit' a la *Back to the Future*. The suggestion text is generated based on how far back/forward one had scrolled.

► This is meant to be an easter-egg to be discovered by people who use the scroll feature. It is only then that the act becomes functional and more accurate.
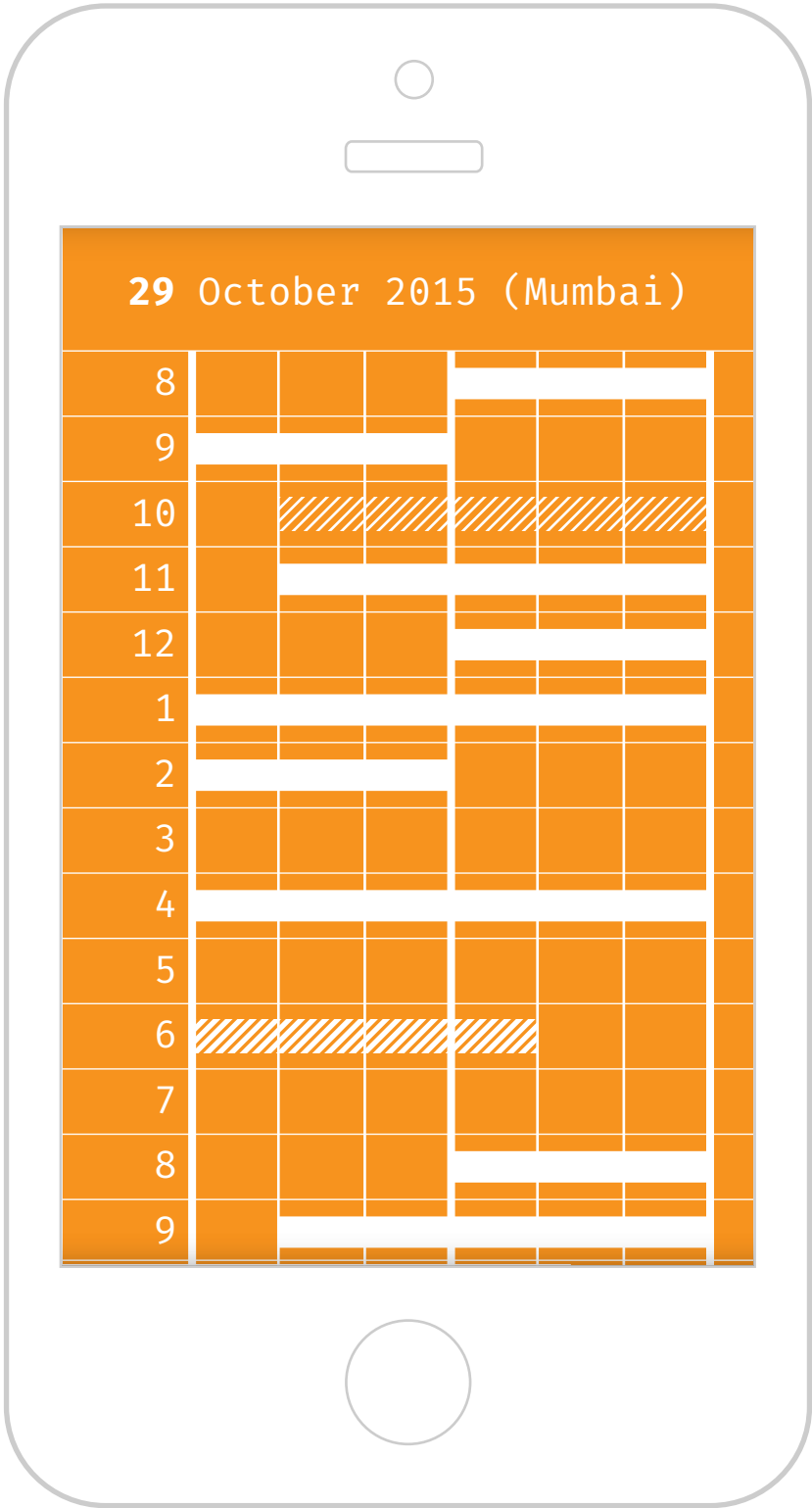
Month-view

Dragging the year scroller

Warp-drive animation

Dialog-box with simplified input options move in with the Warp-drive

Micro-interactions within the
Calendar Application.

2: Day-ta Visualisation

When one wakes up in the morning, one
would need an easy, basic outlook of how
the day's schedule looks (how populated,
how free).

29 October 2015 (Mumbai)

|		
8		
9		
10		
11		
12		
1		
2		
3		
4		
5		
6		
7		
8		
9		

The Microinteraction

On long-pressing any day, a bar-chart
that represents the day's activities
(hourly), starting from when one woke
up, till when the screen-real estate
permits, is overlaid on the calendar. This
is further actionable, where one can
select each activity to edit it, or
long-press to preview. The visual
representation is consistent with the
confirmed/suggested schedule distinct-
ions marked by solid and dashed areas.

► In addition to the overview, the
background colour is calculated
based on the tempperature of that
day's location (calculated referring
to location data in the scheduled
events, train/flight ticket
information, etc.).

These colours range from blue
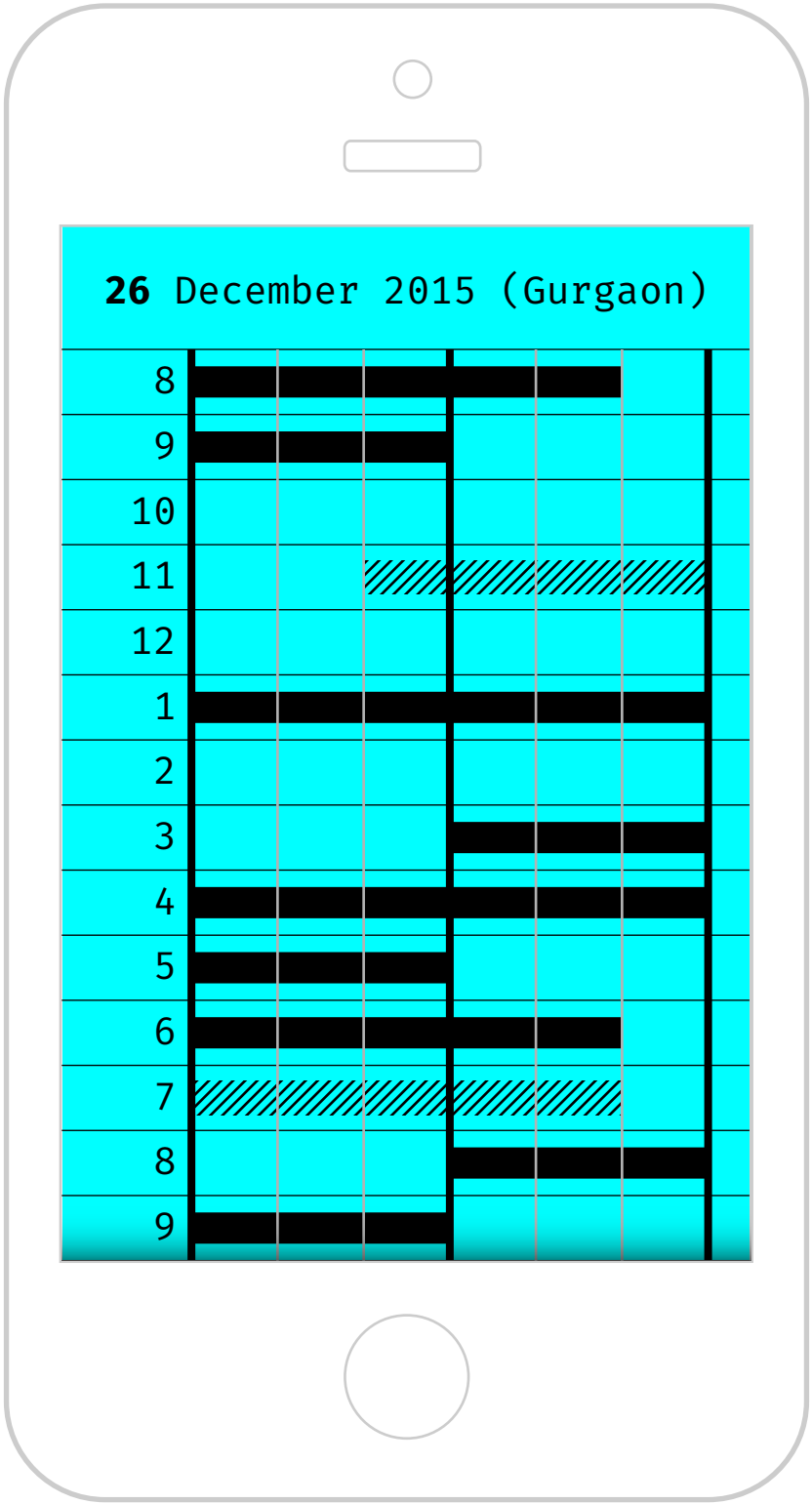(very cold) to red (very hot).
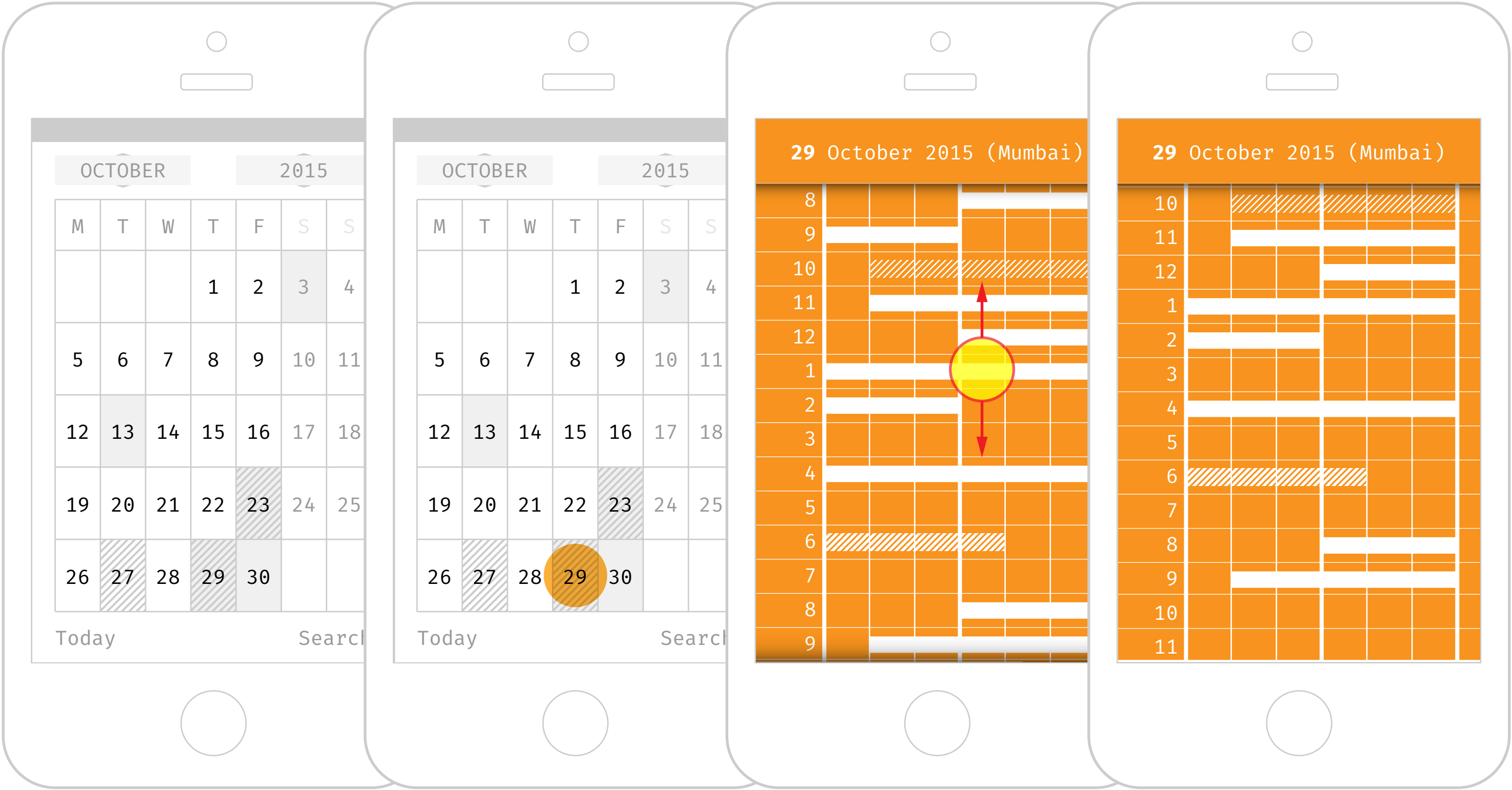
Month-view

Long-pressing the date

A scrollable day-visualisationfades in.
The bars are actionable.

Scrolling up to reveal more of the day

26 December 2015 (Gurgaon)

|							
8							
9							
10							
11							
12							
1							
2							
3							
4							
5							
6							
7							
8							
9							

Weather-and-location-based colour coding for backgrounds. On December 26th, there are events scheduled at Gurgaon, and the day is relatively cool there. This becomes a layer of information that is hinted at in a non-intrusive way, that one discovers as one gets used to the application environment and colour conventions.

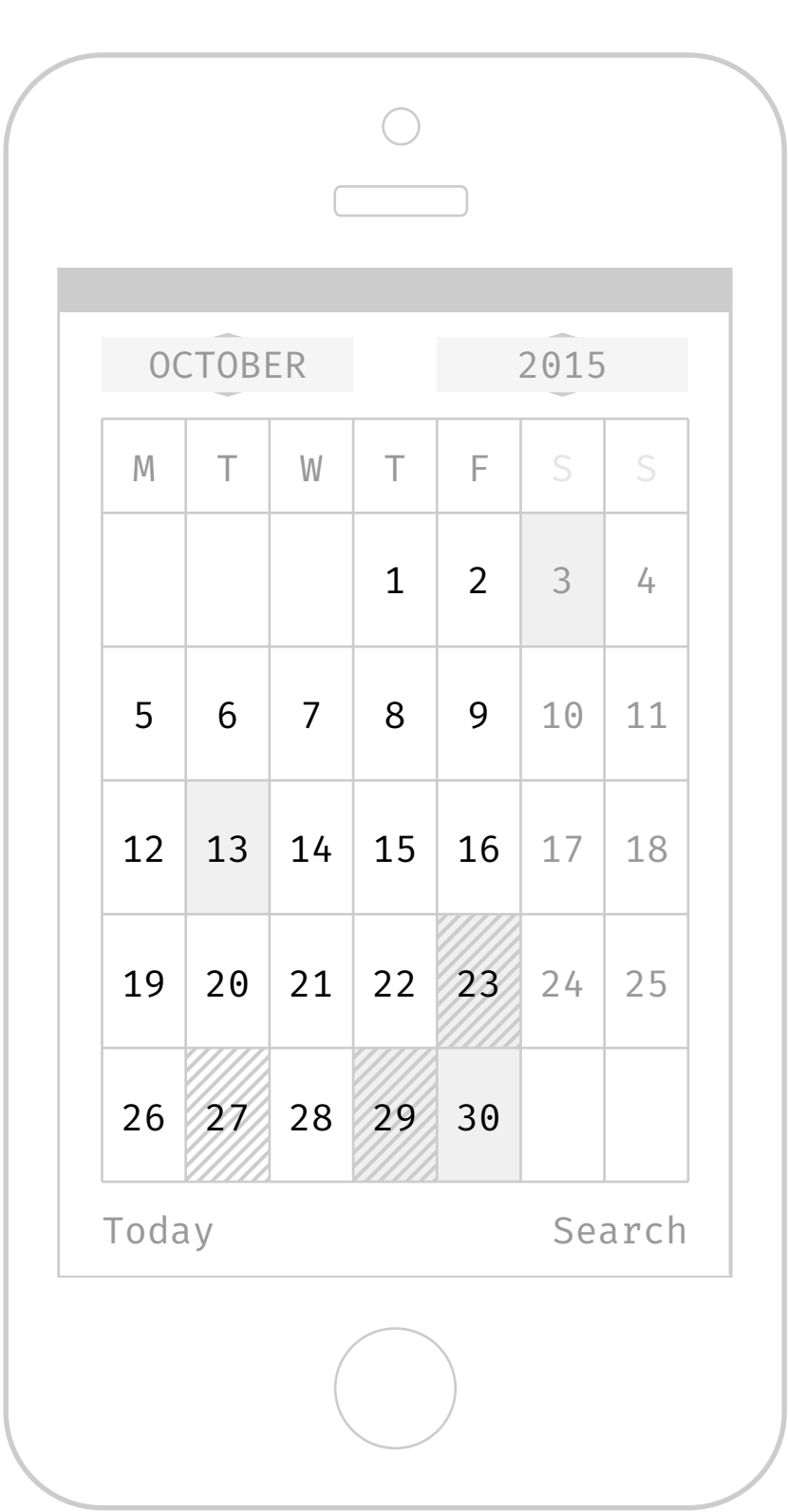Micro-interactions within the Calendar Application.

4: Irreverent Calendar
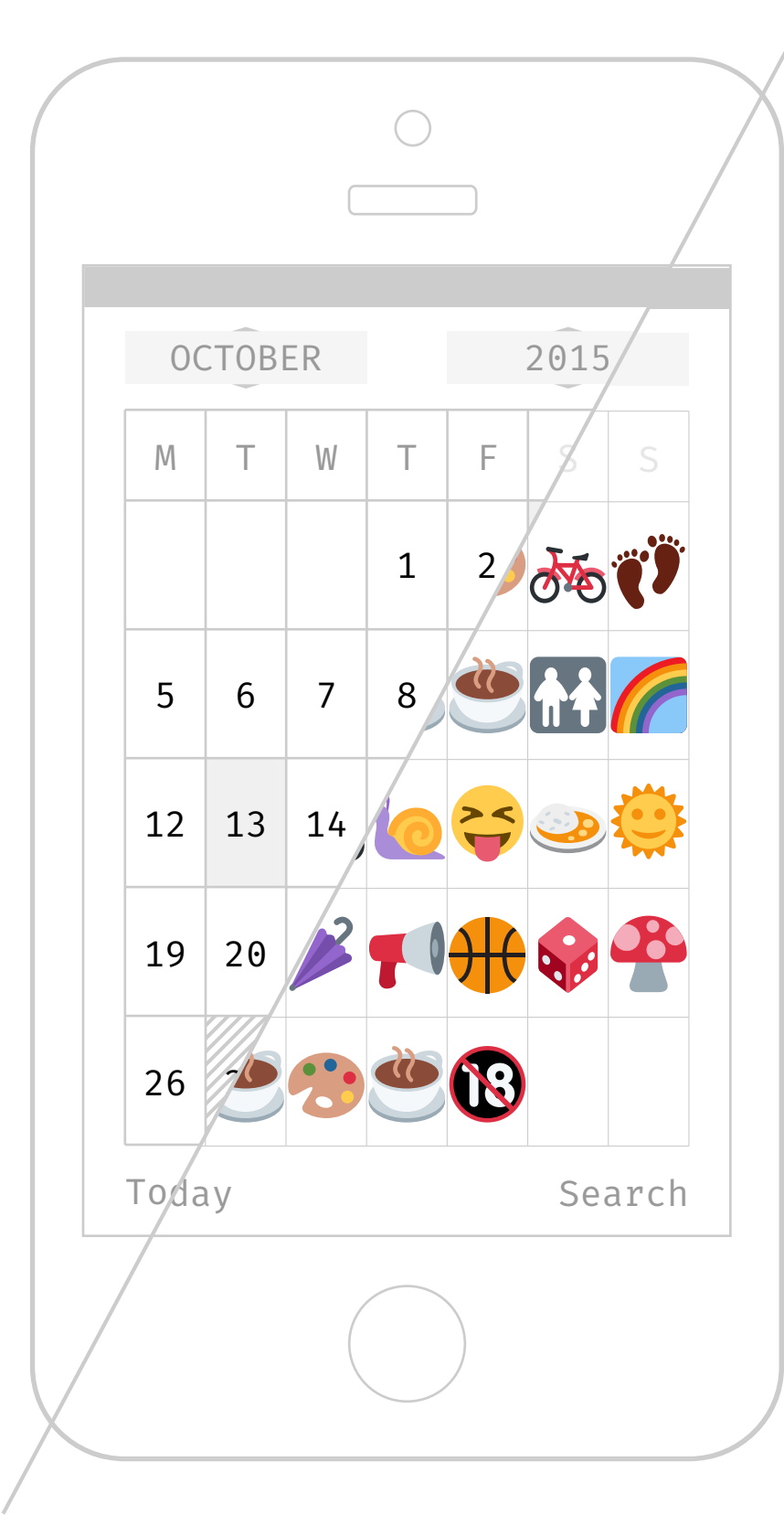
Stressed out by the countless meetings and appointments throughout the week, one longs for some respite.

On violently shaking the phone in frustration, the dates are replaced by emoticons and small images that refer to events planned for the day, historic references, etc.

OCTOBER   2015

M	T	W	T	F	S	S
			1	2		
5	6	7	8			
12	13	14				
19	20					
26						

Today   Search

Month-view

(Violently) Shake the phone
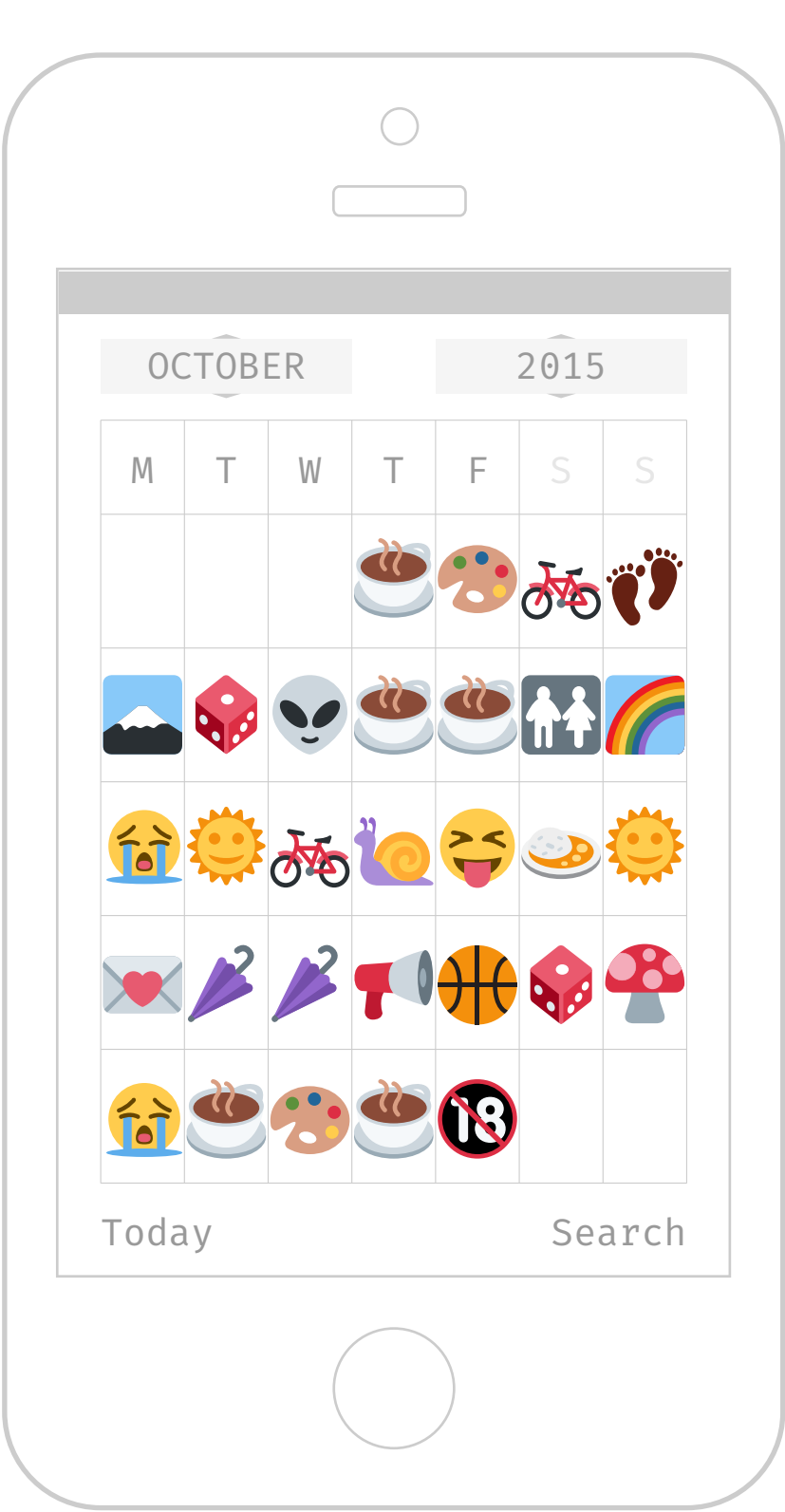
A much less intimidating calendar view

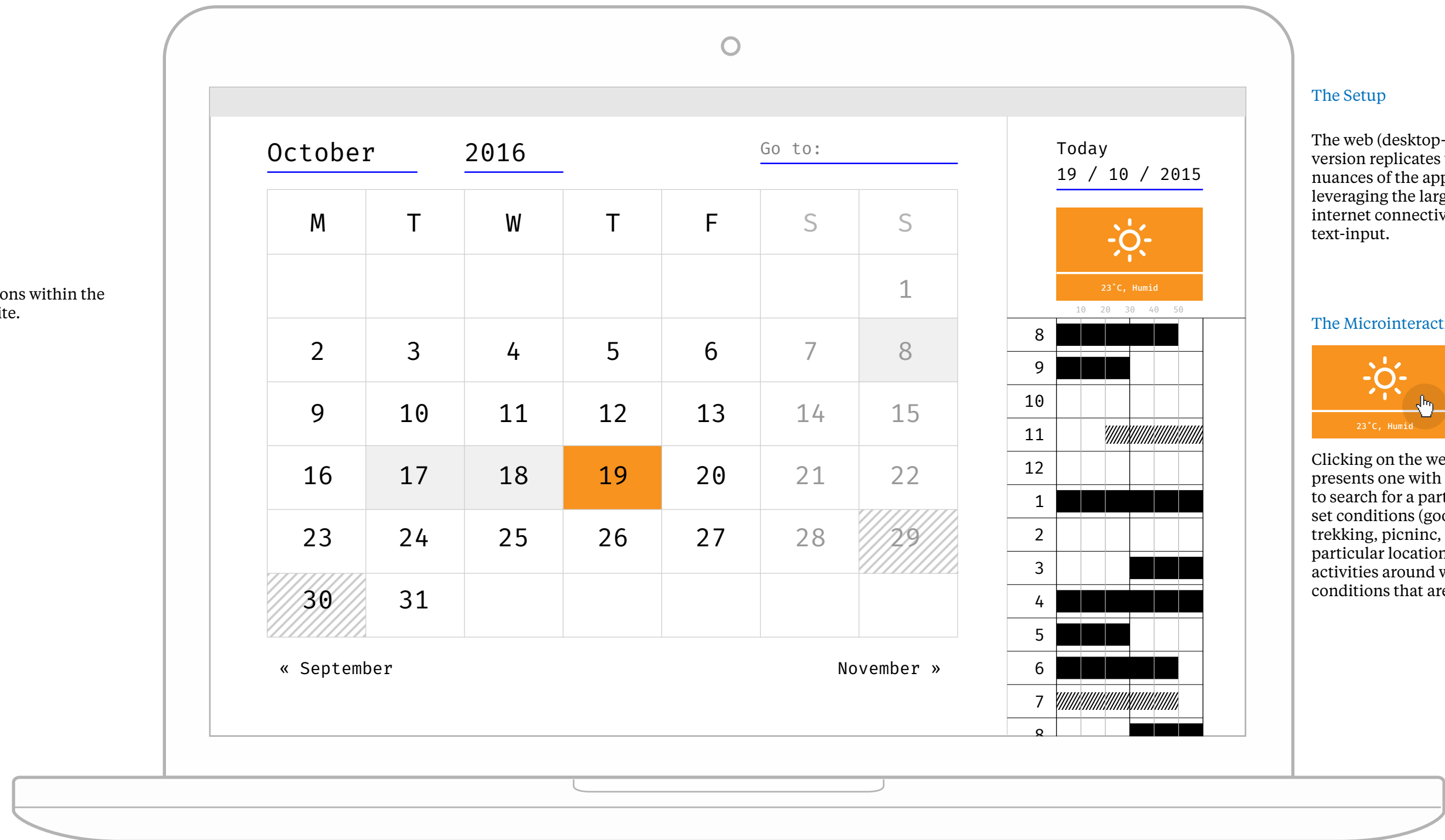Micro-interactions within the Calendar Website.

Climate Search

	October		2016			Go to:	
M	T	W	T	F	S	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

« September   November »

Today
19 / 10 / 2015

☀
23°C, Humid

10 20 30 40 50

8
9
10
11
12
1
2
3
4
5
6
7
8

The Setup

The web (desktop-focussed) version replicates the visual nuances of the application, while leveraging the larger screen, internet connectivity and easier text-input.

The Microinteraction

☀
23°C, Humid

Clicking on the weather icon presents one with an opportunity to search for a particular weather or set conditions (good time for a ride, trekking, picninc, etc.) at a particular location, letting one plan activities around weather conditions that are favourable.

Micro-interactions within the
Calendar Website.

Hello KR!   Settings

Find me a stormy day with high visibility   Yes!»

Or
Pick a city   +   Wish for a temperature
Mumbai   12 degrees or cool   Yes!»

Or select a preset

Trek	Bike Ride	Driizzle	Sun + Rain
Shower + Lightning	Wind	Rain	Sun

The climate search screen

Micro-interactions within the
Calendar Website.

Hello KR!   Settings

Best days ahead for a

Bike Ride   Replan

October
21 (Saturday) | 27 °C | No chance of rain   »
29 (Sunday) | 29 °C | Slight drizzle,   »
                         carry rainwear

November
14 (Saturday) | 26 °C | Dusty around suburbs »
22 (Sunday) | 25 °C | Good to go   »

Reminders
20th October
Oil and Engine Checkup (OEC 03)
coming up next week

Search result for a bike trip
presents data as usable chunks of
information, and makes
connections to events that might
influence planning an activity.

Micro-interactions within the
Calendar Website.

Hello KR!   Settings

You searched for a 10°C day in Mumbai.

Ah! How we like the smell of wishful
thinking in the mornings.
Would you like a pink Unicorn instead?

Replan »

I'll take the Unicorn. »

Search result for impossible
conditions will choose from a
cache of updated responses, with
references to pop-culture and
current events.