

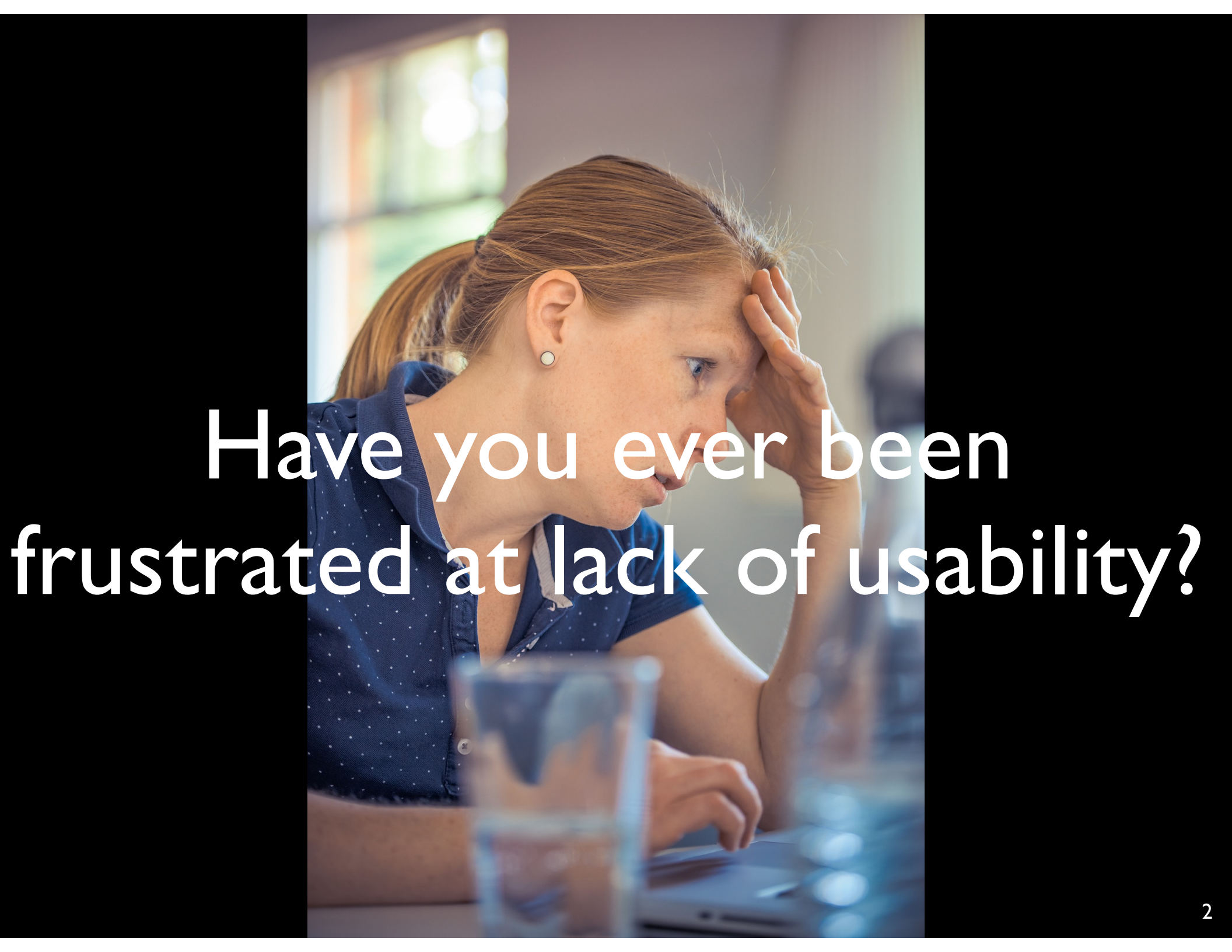
Towards a Humane Interface



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[@venkat_s](#)

A woman with brown hair tied back, wearing a blue polka-dot shirt, is sitting at a desk. She is looking down at a laptop with a frustrated expression, her right hand pressed against her forehead. The background is a blurred office setting with a window showing greenery. The text "Have you ever been frustrated at lack of usability?" is overlaid in white on a black background.

Have you ever been
frustrated at lack of usability?



Scott Davis @scottdavis99 · Apr 17, 2021

First hotel shower in well over a year.

It's pretty much how I remember it.



Venkat Subramaniam 🇺🇦 🙌

@venkat_s

Replying to @scottdavis99

My theory: those who design hotel bathrooms have never taken a shower.



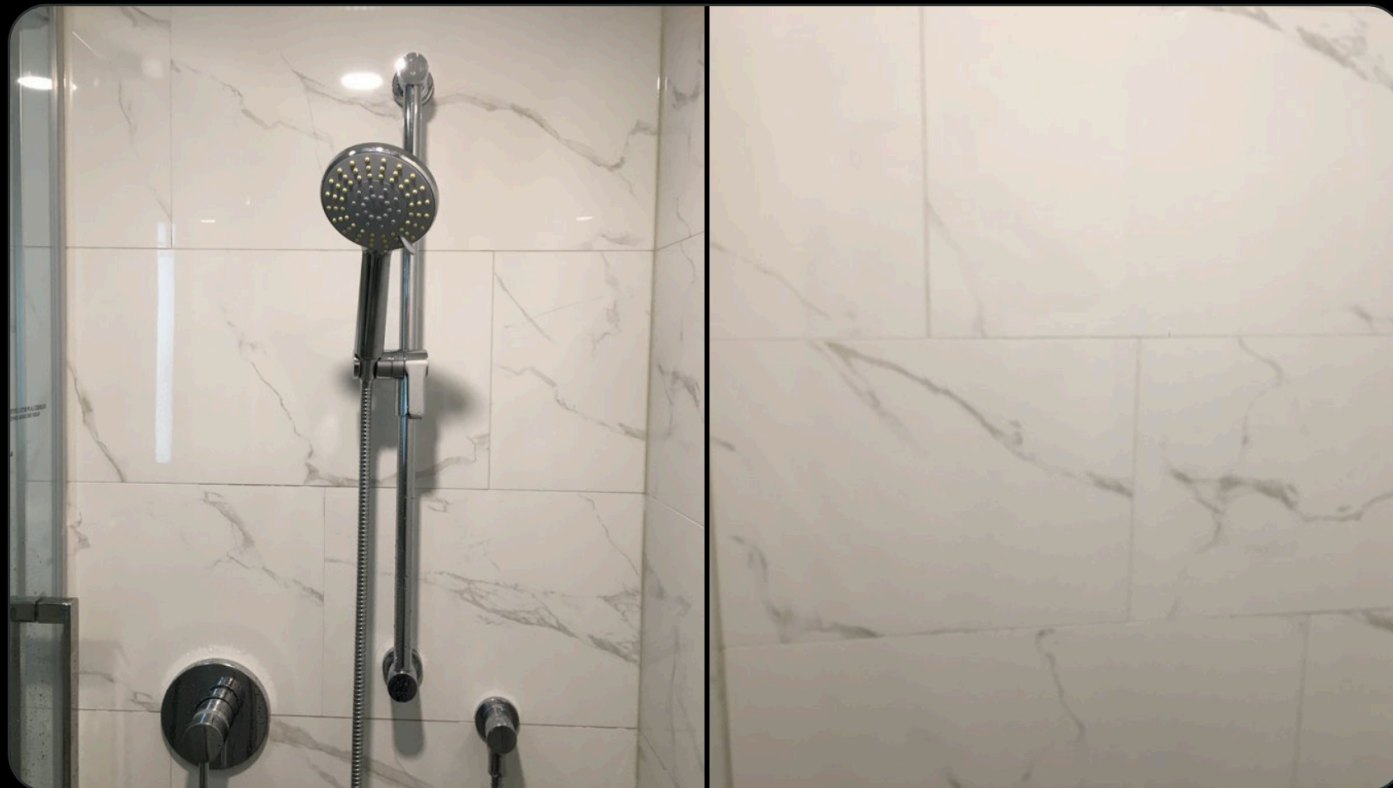
Venkat Subramaniam 🇺🇦 ✌️

@venkat_s



Another reason I'm convinced that people who design hotel bathrooms never take a shower.

Can you spot what's missing in this one, from the room I stayed this morning?





Venkat Subramaniam 🇺🇸 🙌
@venkat_s

...

Those who can't design are condemned to document.



It's all about user experience

A great app lets the users get
their job done

Reliable

Simple

Fast

Easy to
use

Doesn't annoy
or distract

Provide
Value

Make it Reliable

An unreliable app spoils user's experience

Mailboxes

All Inboxes (66)

Edit

All, As always I appreciate the support and the eyes. I feel good that all our...

(No Sender)

12/31/69

(No Subject)

This message has no content.



(No Sender)

3:19 PM

(No Subject)

This message has no content.

3



(No Sender)

12/31/69

(No Subject)

This message has no content.



Don't Annoy

Sometimes I just popup for no particular reason, like now.



Don't Distract

You're asked to implement
Search



How do you improve
experience?


Search by any or all of the criteria below.

All or part of the file name:

A word or phrase in the file:

Look in:

 Local Disk (C:) 

When was it modified? 

What size is it? 

More advanced options 

Back

Search



Help the user focus, don't
distract

What's the App you use the most?

Google

[Advanced search](#)
[Language tools](#)

Google Search

I'm Feeling Lucky

KISS Principle

Simple things must be simple

Problem with products is not
their capability, but one of
imposed complexity beyond
the need

How to find a menu item?

Fastest way is to search!

- Show Fonts ⌘T
- Bold** ⌘B
- Italic ⌘I
- Underline ⌘U
- Strikethrough
- Outline
- Bigger ⌘+
- Smaller ⌘-
- Tracking ▶
- Ligature ▶
- Baseline ▶
- Capitalization ▶

- Font** ▶
- Table ▶
- Chart ▶
- Shape ▶
- Text Box ▶
- Image ▶
- Copy Character Style ⌘⇧⌘C
- Copy Paragraph Style ⌘⇧⌘C
- Paste Style ⌘⇧⌘V
- Create New Paragraph Style from Selection...
- Import Styles...

Search

Menu Items	Font > Bold
Help Topics	<ul style="list-style-type: none">Making Text Bold, Italic, or Unde...Using Conditional Formatting to ...Defining Conditional Formatting ...What Are Styles?Formatting Text Size and Appear...Viewing Tracked ChangesModifying Character StylesKeyboard ShortcutsShow All Help Topics

Don't Burden the User





Provide Value



P R N D 2 1

Green light illuminated next to D



ASHB
1/2

SAFARI
SAFARI
SAFARI

SAFARI
SAFARI
SAFARI

C H F E

65 mph

LO 8

0 14 152 TRIP 109 1.3

D D3 2 1

An App That Fails in So many
ways




<http://blogs.agilefaqs.com/2008/05/28/victim-of-chaos/>





Back | Home | Search | Help | Q&A

spicejet



You've been idle for awhile

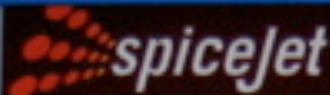
Touch the screen if you need more time

Home | Flight | Baggage | Lost & Found | Contact Us

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with Time Solutions



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web check-in

Terms and conditions for Web check-in

1. No cancellations / modification request would be entertained once the guests have web checked-in.
2. No check-in baggage is allowed for web check-in. Guests may carry a maximum of one piece of cabin baggage, as defined by BCAS guidelines, with an additional restriction of maximum weight of one piece of 10.0 kg, not to exceed 55cm + 35cm + 25cm (Total 115 cm). Due to airport security regulations, no cabin baggage is allowed on any flights originating from Jammu and Srinagar airports
3. No Infant(s), Wheelchair Passenger(s) or ... would be allowed to web check-in.
4. All the terms of carriage would ... of the above

- I do not ... less than 10 Y
- I understand th
- Spicejet has the no ... purchased by fraud





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0203 0200 0200
0203 0200 0200

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web check-in

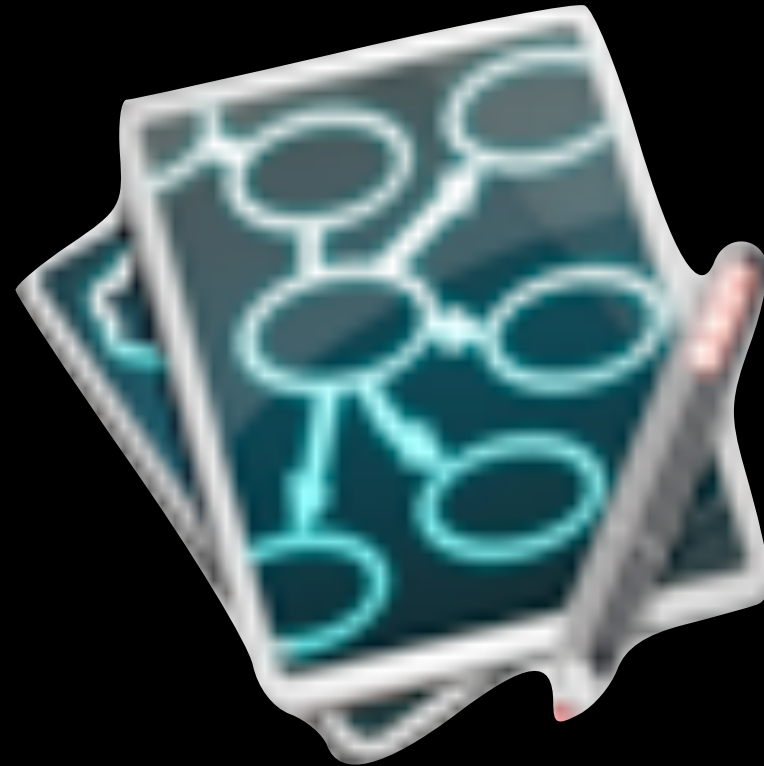
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2. No check-in baggage is allowed for web check-in. Guests may carry a maximum of one piece of cabin baggage, as defined by ICAO guidelines, with an additional restriction of maximum weight of one piece of 10 kg, not to exceed 55cm x 35cm x 25cm (Total 115 cm). Due to airport security regulations, no cabin baggage is allowed on any flight originating from Jamnagar / Prerampur (J) or unaccompanied minor(s) would be allowed to web check-in.
3. No Infant(s), Wheelchair Passenger(s) or unaccompanied minor(s) would be allowed to web check-in.
4. All the terms of carriage would apply. For details visit www.spicejet.com.

- I accept all of the above terms and conditions.
- I do have a valid photo id card issued by a Government authority.
- I do not have any check-in baggage with me or, I have only a cabin baggage weighing less than 10 kg.
- I understand that once web checked-in, no modifications can be made in the itinerary.
- SpiceJet has the rights to cancel the booking/web check-in if the host is found to be purchased by fraudulent use of a credit card.

Symbol	-	1	2	3	4	5	6	7	8	9	0	Tab	Enter
Tab	Q	W	E	R	T	Y	U	I	O	P	Ctrl	Enter	Enter
Capn Lock	A	S	D	F	G	H	J	K	L	;	Enter	Enter	Enter
Shift	Z	X	C	V	B	N	M	,	.	Enter	Enter	Enter	Enter

Do, don't ask



OmniGraffle
registration
experience!

Get One Step Ahead of the
User

Convenience shortcuts

Thinks like a programmer!
Stays steps ahead.

User's stress level

Cognitive

Circumstances can lead us
to make mistakes







http://www.michaelbach.de/ot/fcs_hollow-face/index.html

Cognitive Unconscious

Repetition pushes us there

Intuitive Design

Know your users





<http://gosmellthecoffee.com/archives/9570>

Let Users Set the Pace

Don't Rush the User

Locus of Attention

Awareness Test

<http://www.youtube.com/watch?v=yrqrkihlw-s>

Ajax and Locus of Attention

Asimov's Law

Isaac Asimov's "Three Laws of Robotics"

1. A robot may not injure a human being or, through inaction, allow a human being to come to harm.
2. A robot must obey orders given it by human beings except where such orders would conflict with the First Law.
3. A robot must protect its own existence as long as such protection does not conflict with the First or Second Law.

Fitt's Law

$$T = a + b \log_2 \left(1 + \frac{D}{W} \right)$$

The time it takes to select a target is proportional to distance, inversely to its size

Hick's Law

$$T = b \cdot \log_2(n + 1)$$

The time to choose among options is proportional to the number of choices

Response time...

10 seconds feels like
eternity to users

Reliable

Simple

Fast

Easy to
use

Doesn't annoy
or distract

Provide
Value

Thank You!

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