

Microinteractions.02

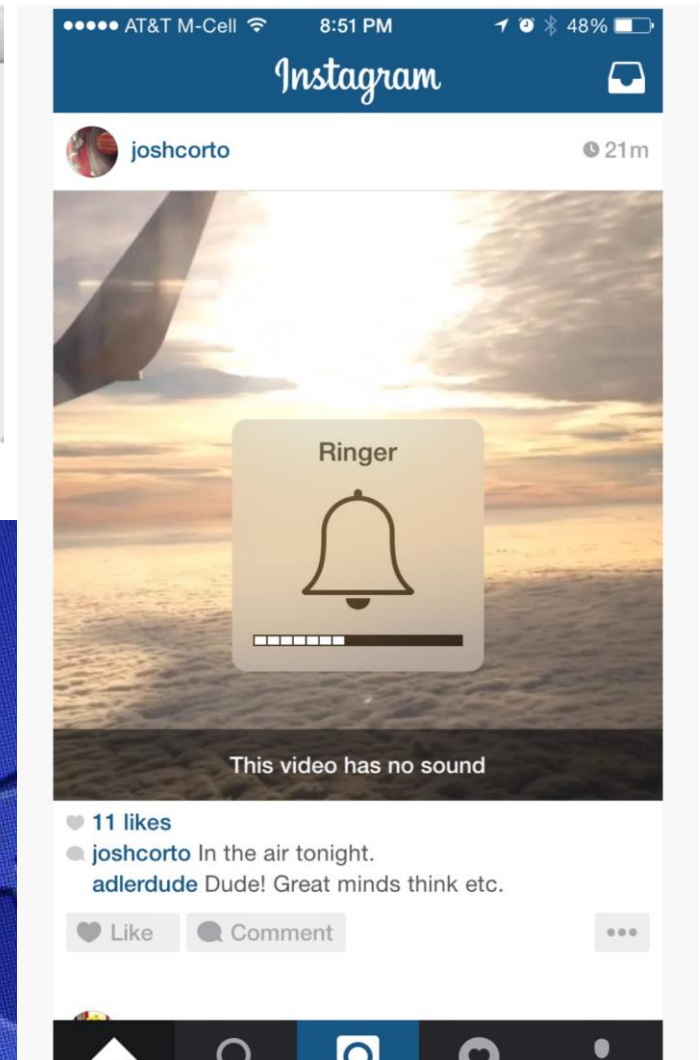
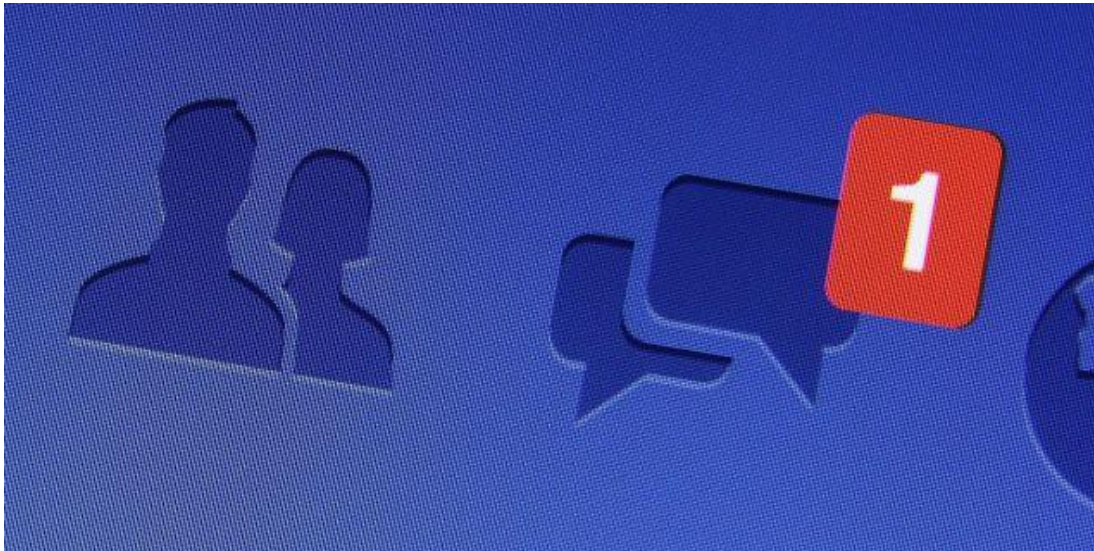
India HCI 2016. 7 Dec 2016

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venkatra@iitb.ac.in
<http://info-design-lab.github.io/>

Microinteractions functional categories

1. Notifying and alerting
2. Keeping the context
3. Setting smart defaults
4. Interacting with data elements
5. Writing linking sharing content
6. Preventing human error

1. Notifying and alerting



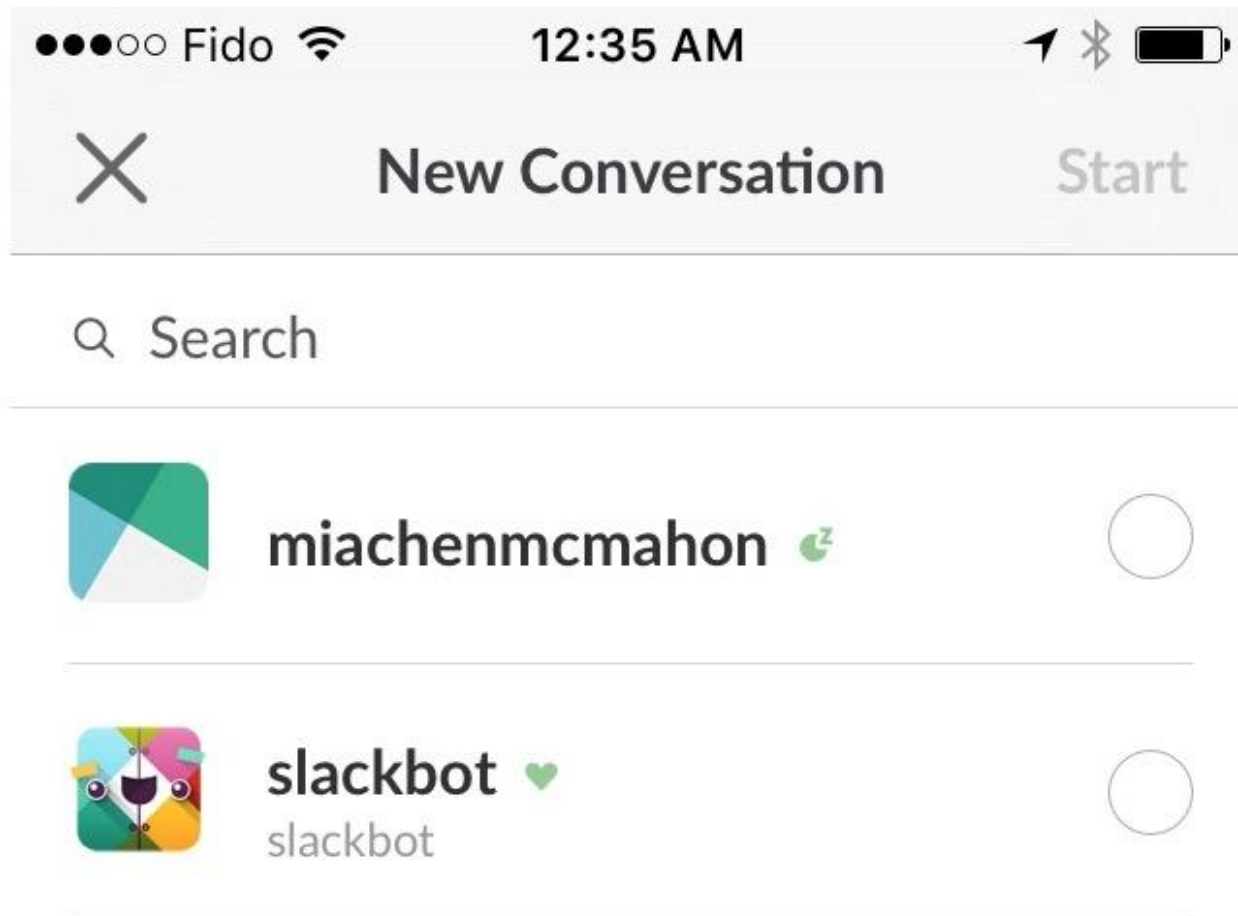
1. Notifying and alerting



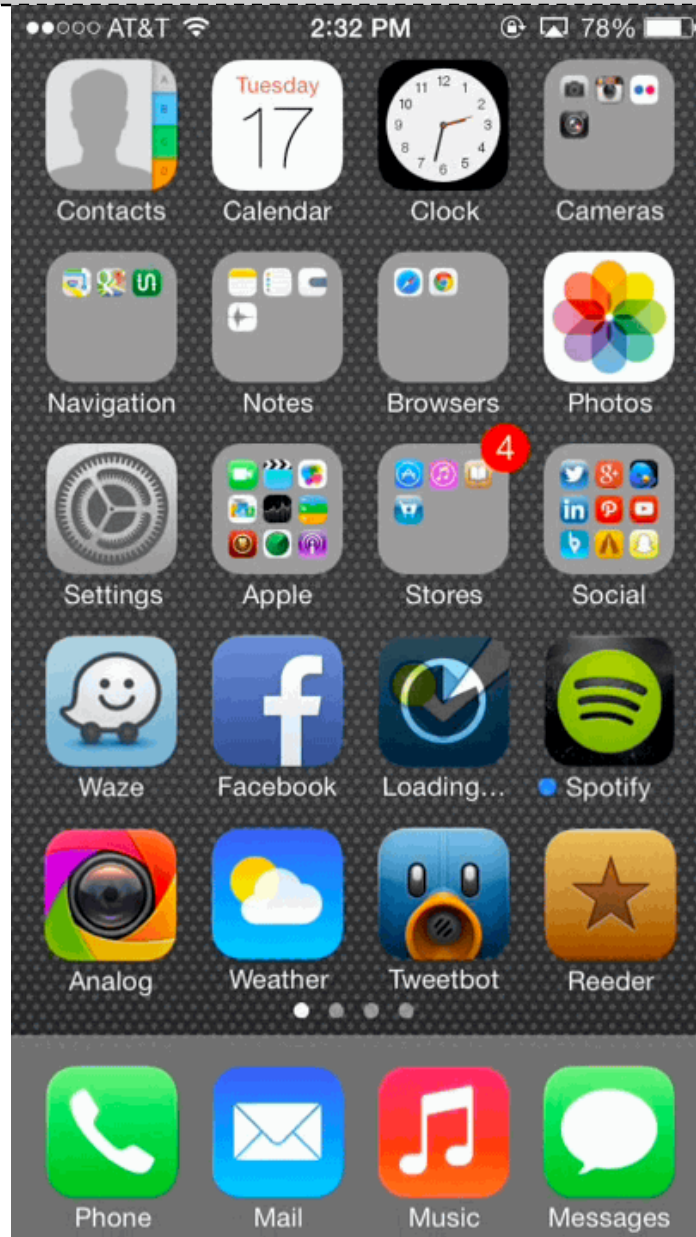
1. Notifying and alerting



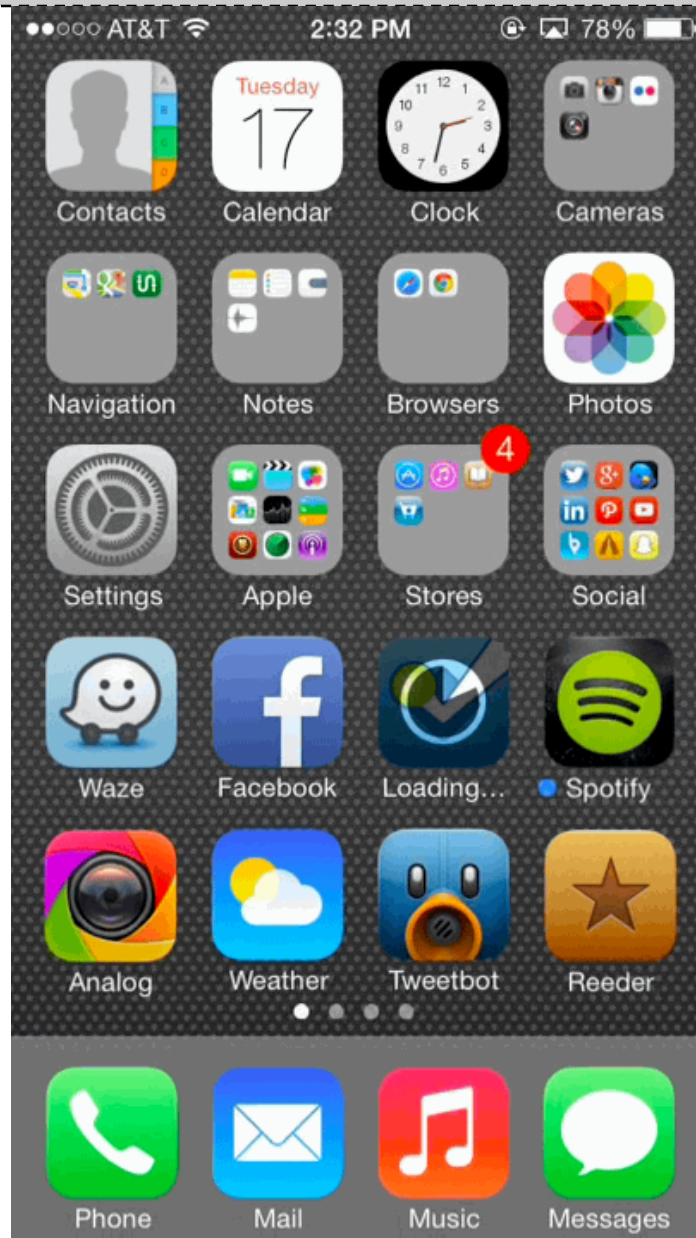
1. Notifying and alerting



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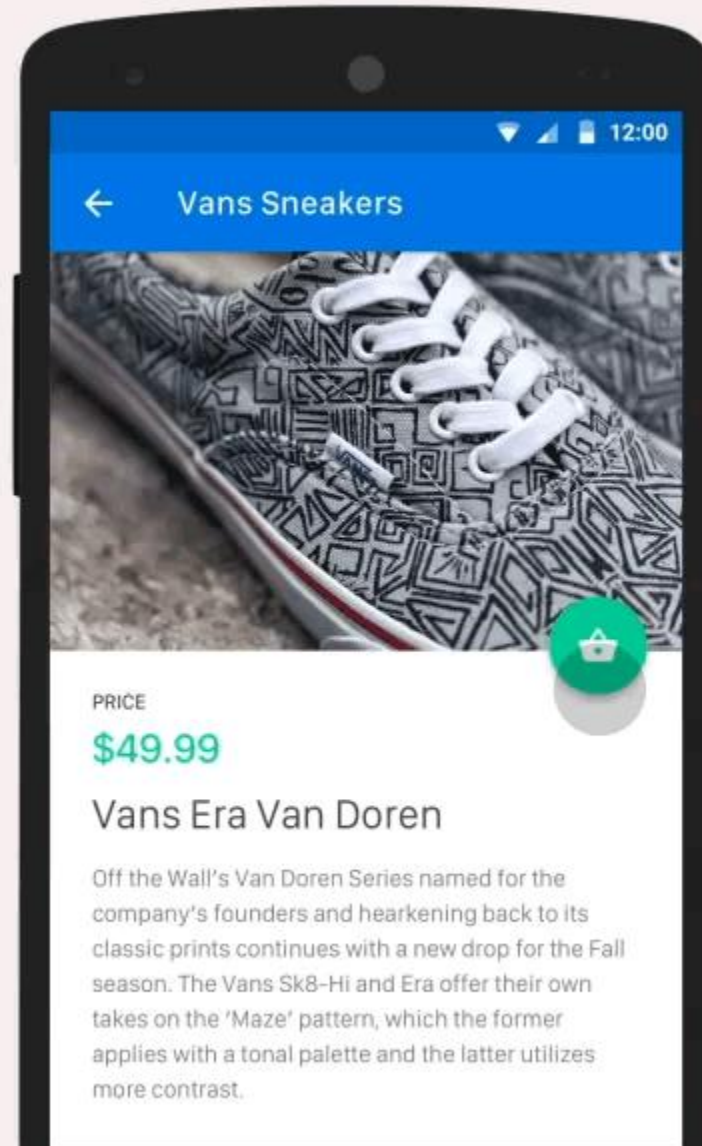
1. Notifying and alerting



2. Keeping the context



2. Keeping the context



2. Keeping the context



2. Keeping the context

3:18 PM

amazon.com

Create Account

Name

Your email address

Create a password

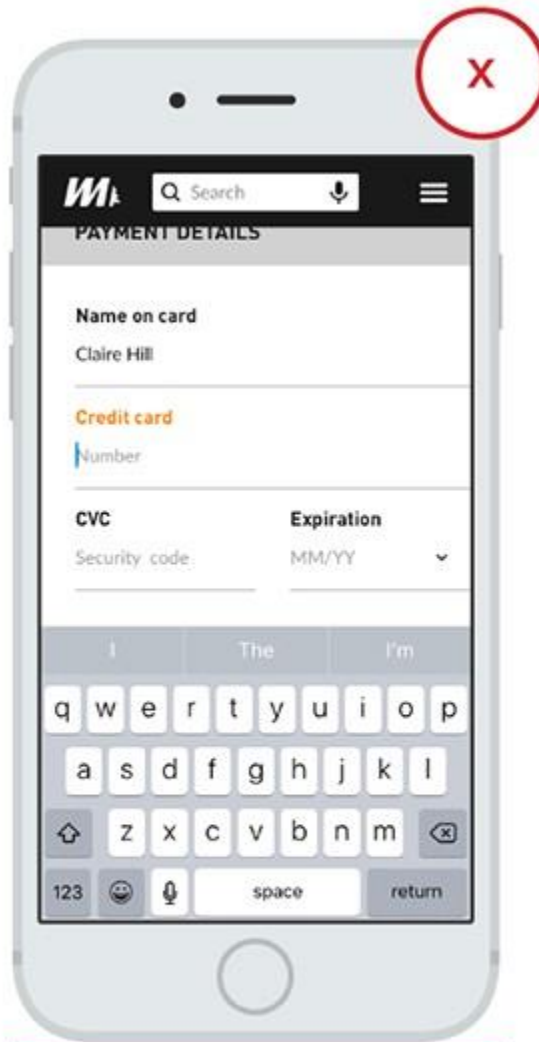
☒ Show password

Create your Amazon account

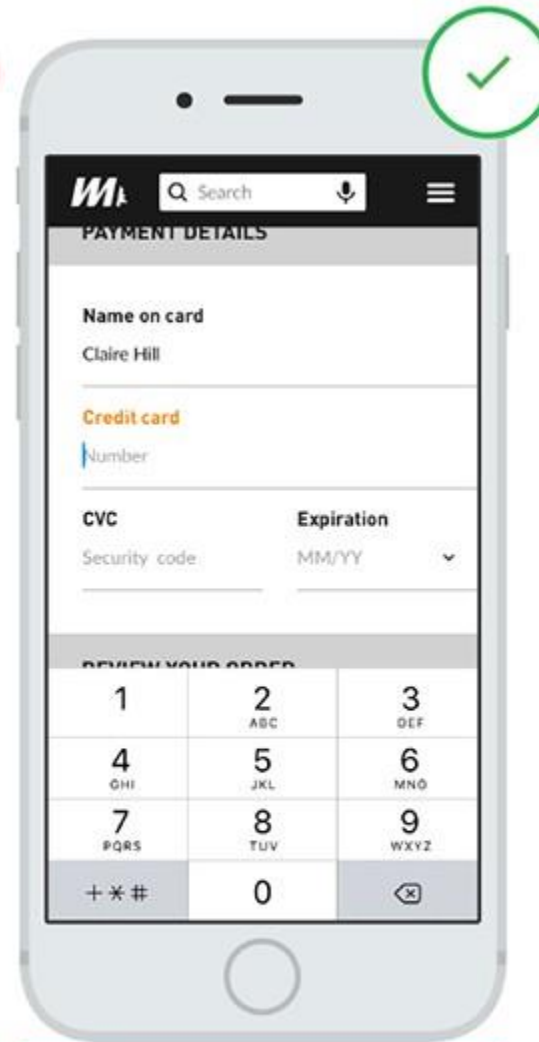
By creating an account, you agree to Amazon's [Conditions of Use](#) and [Privacy Notice](#).

username

2. Keeping the context

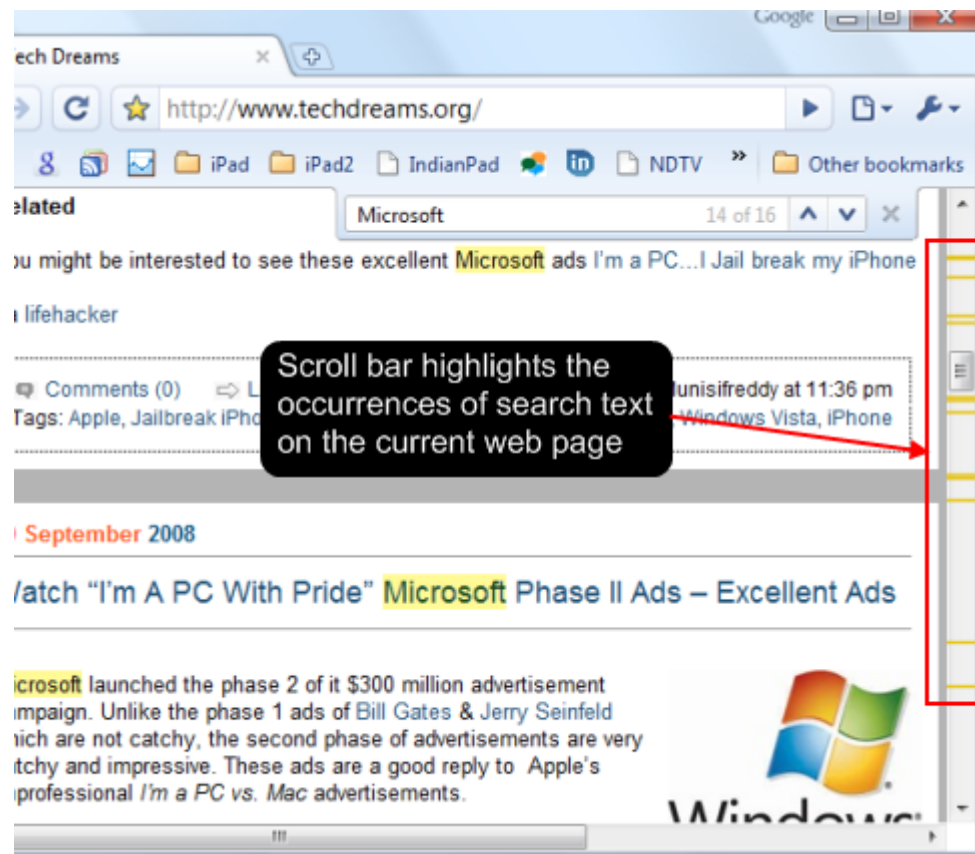
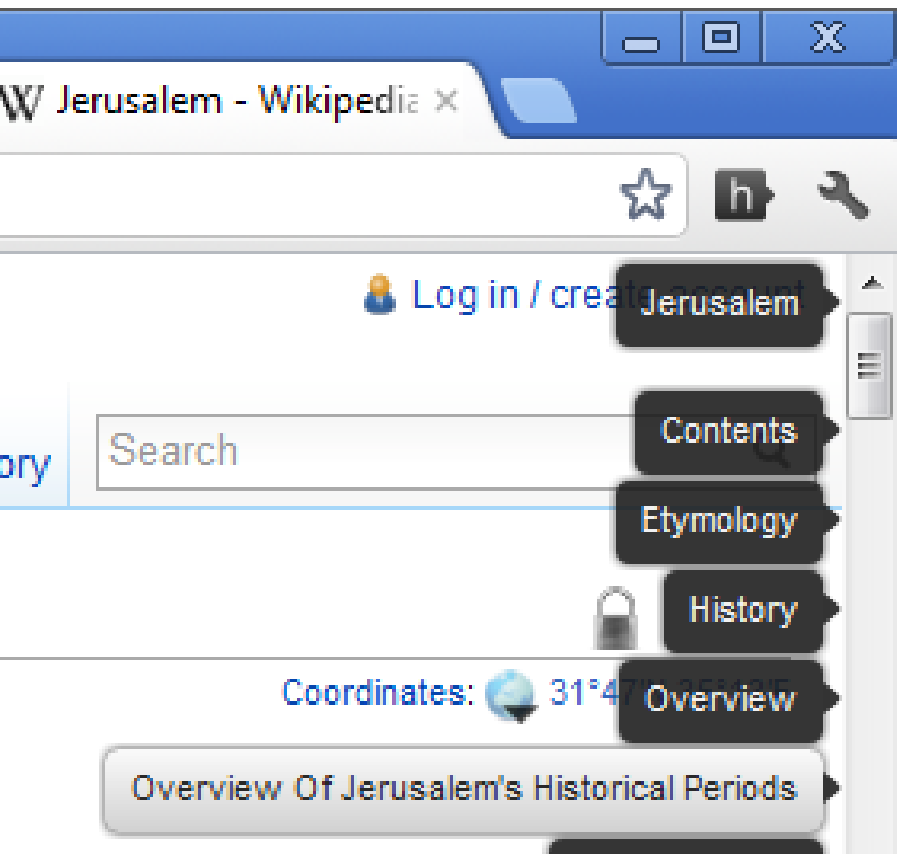


X The user is required to tap the number key in the keyboard to enable number entry.



✓ An appropriate numeric keyboard is automatically provided for fields that require numeric entry.

2. Keeping the context



2. Keeping the context

WebDesignCrowd

Back to Article

Scrolling Progress Bar

Nunc feugiat gravida. Nunc sed tellus et eros
commodo metus, pretium commodo nisl congue
aliquam fringilla quis vel quam. Sed pulvinar
quis metus ut lacus cursus commodo. Nam in
m, aliquam eget est quis, imperdiet aliquet
aliquam feugiat.

erit tempus, tellus tortor molestie libero, ac
tum tellus. Curabitur posuere id ipsum eget
san magna id pharetra sodales. Cras sit amet

Introduction


Part 1: Do this thing!

Part 2: Do that other thing!


3. Setting smart defaults

Where are you going?


Enter a destination to find the lowest rates possible—no matter how last minute.

 **USE CURRENT LOCATION**




- or -


 Enter zip code or city and state

FIND HOTELS

Card information  **SECURE** Visa, MasterCard, or American Express


Name

Card number   

Expiration CVN 

☒ Remember this card for future pledges


Billing address

Country 

Address 1

Address 2

City

State 

Postal code

3. Setting smart defaults

4. Interacting with data elements

CHECK-IN

Choose a date

→

CHECK-OUT

Choose a date

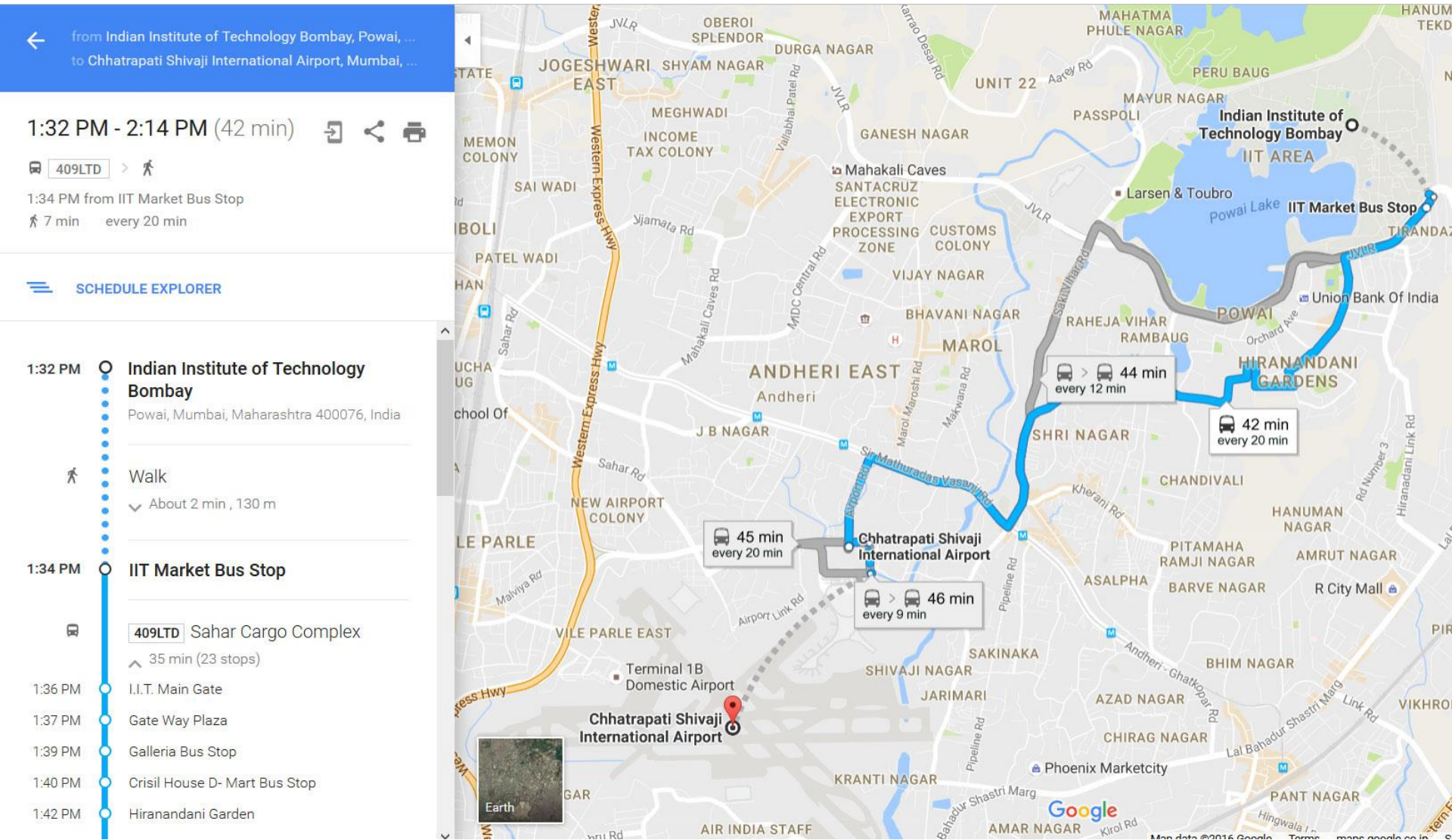
<

June

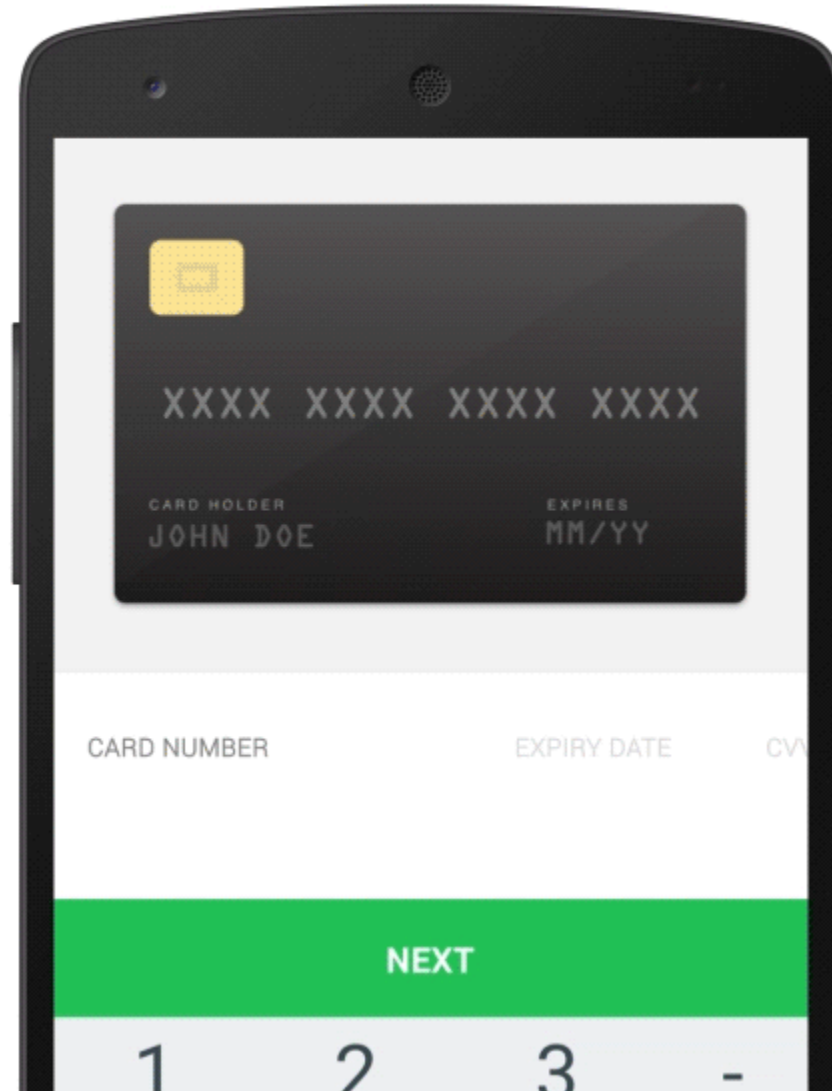
>

MON	TUE	WED	THU	FRI	SAT	SUN
<small>JUN</small> 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	<small>JUL</small> 1	2	3	4	5
6	7	8	9	10	11	12

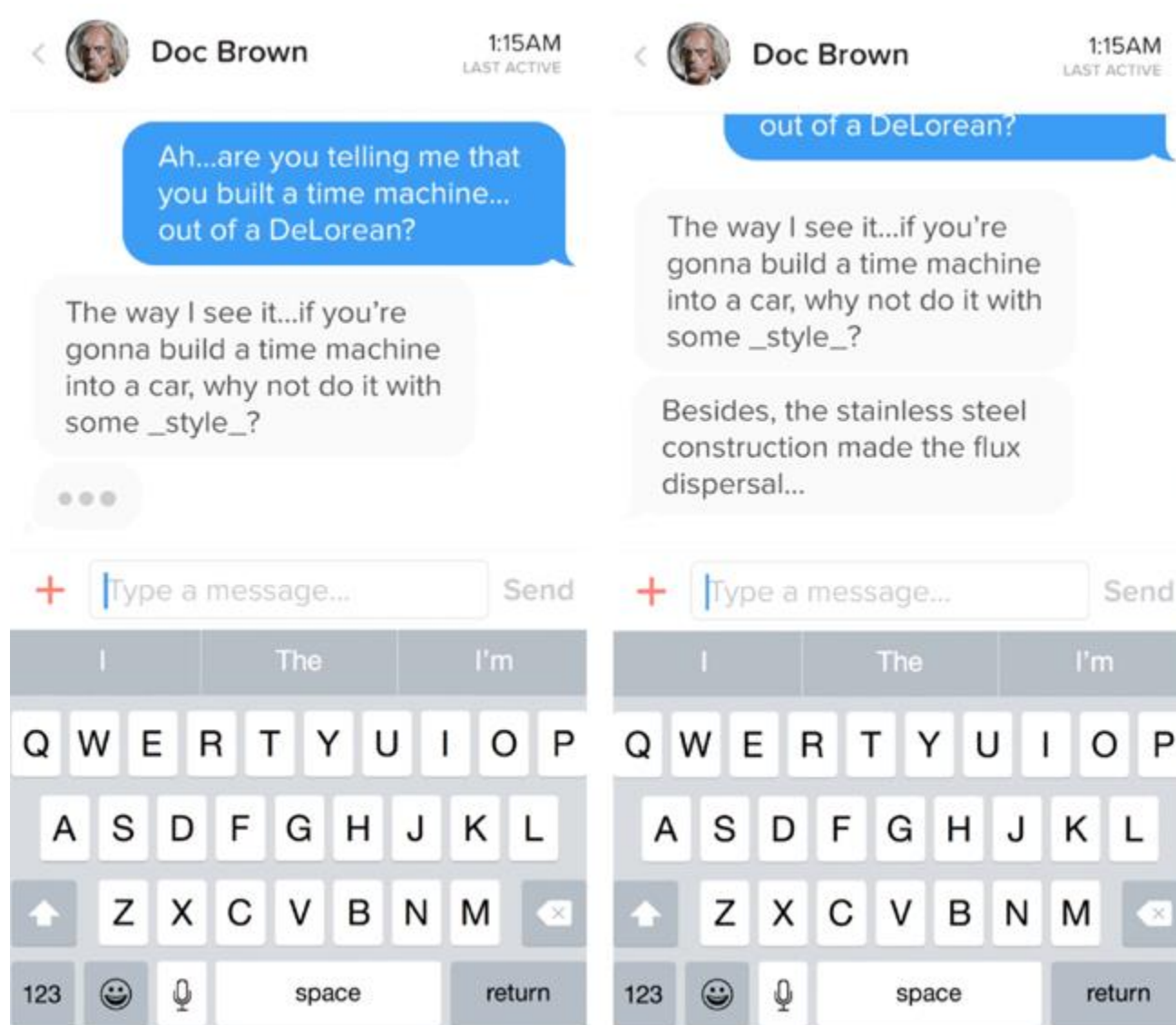
4. Interacting with data elements



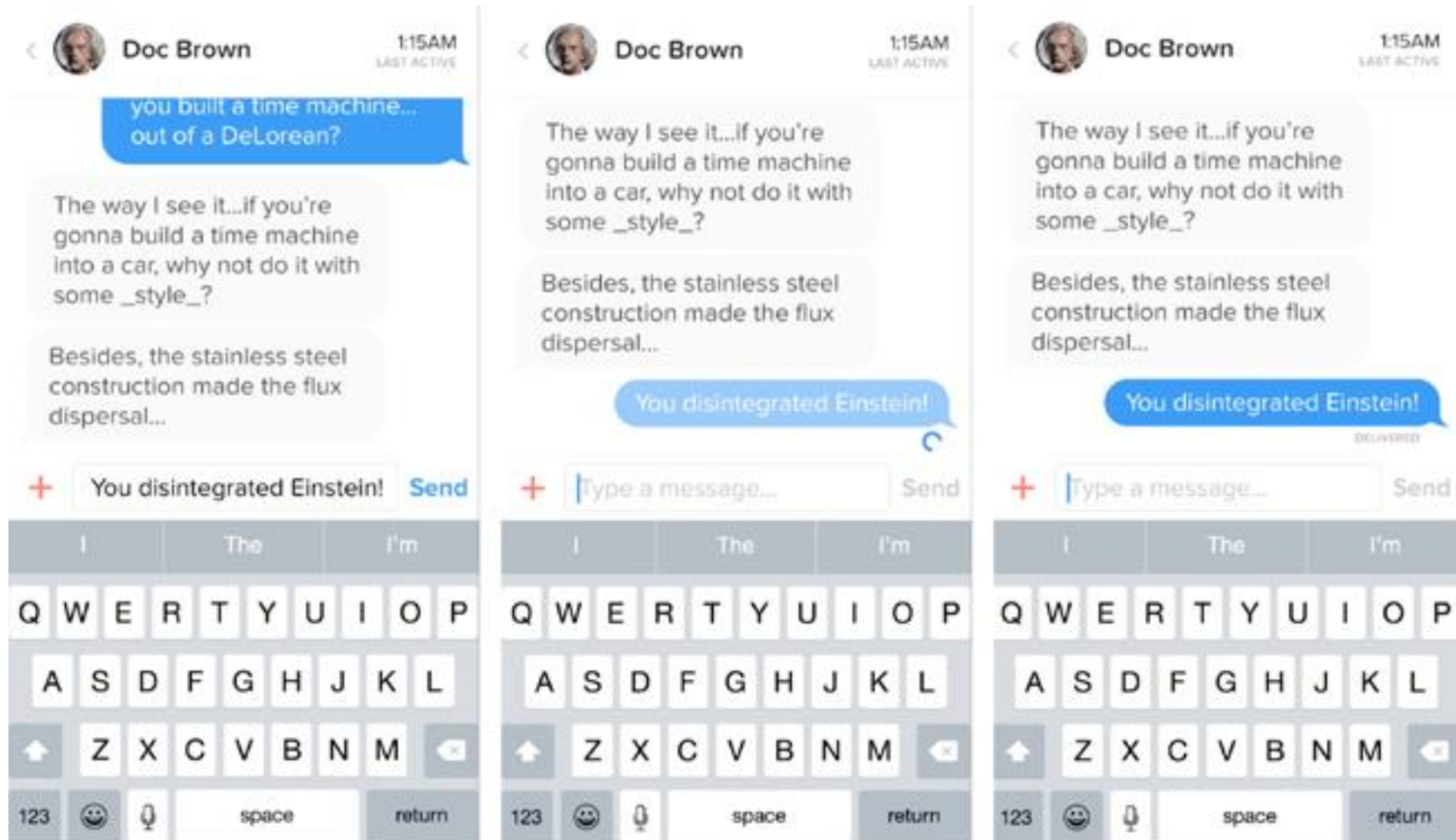
4. Interacting with data elements



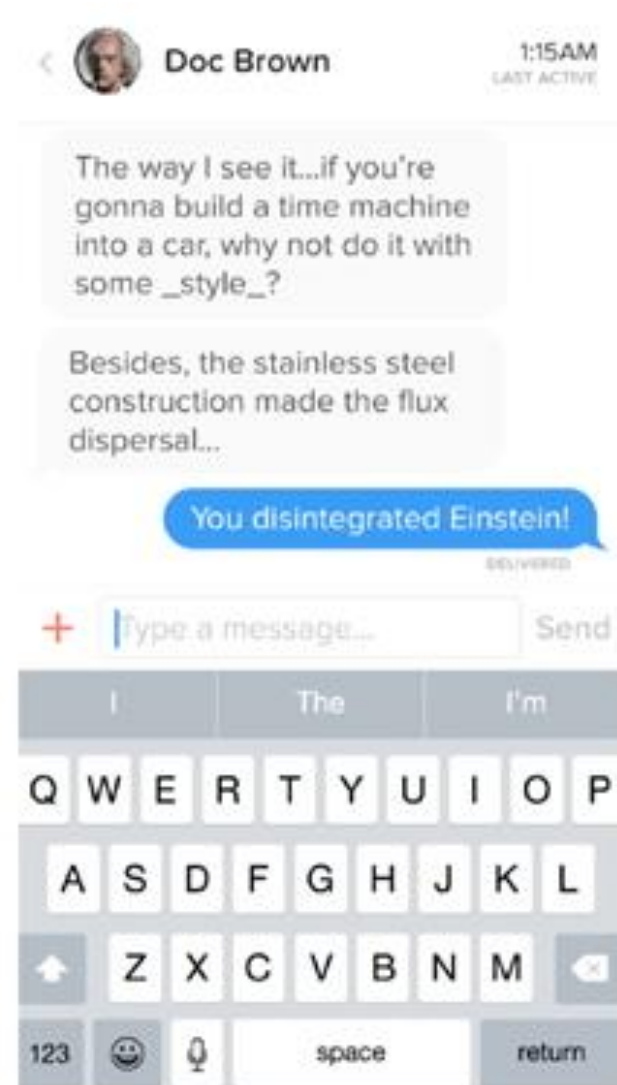
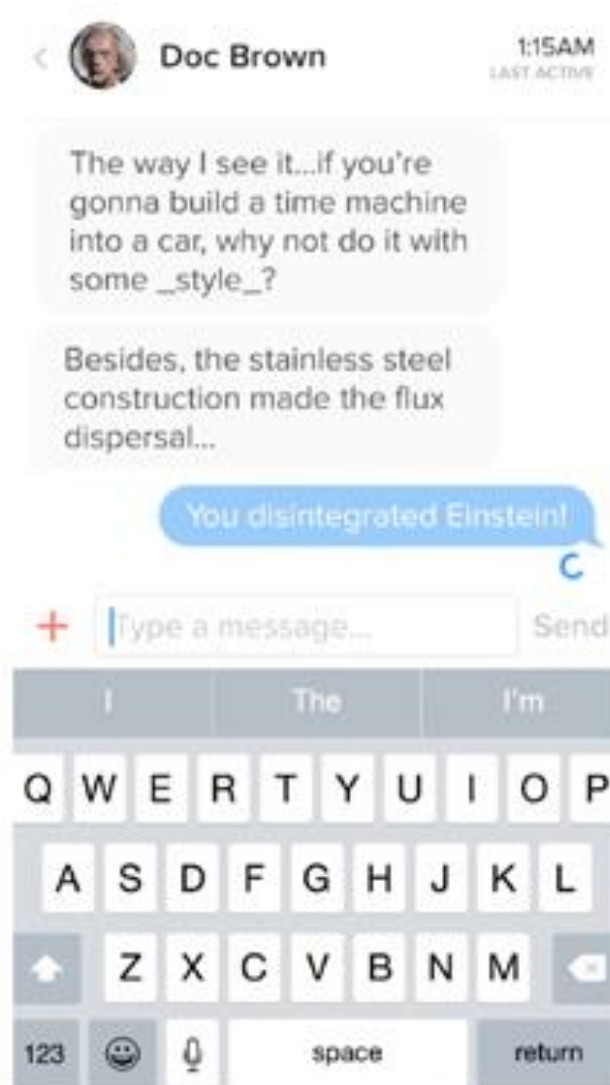
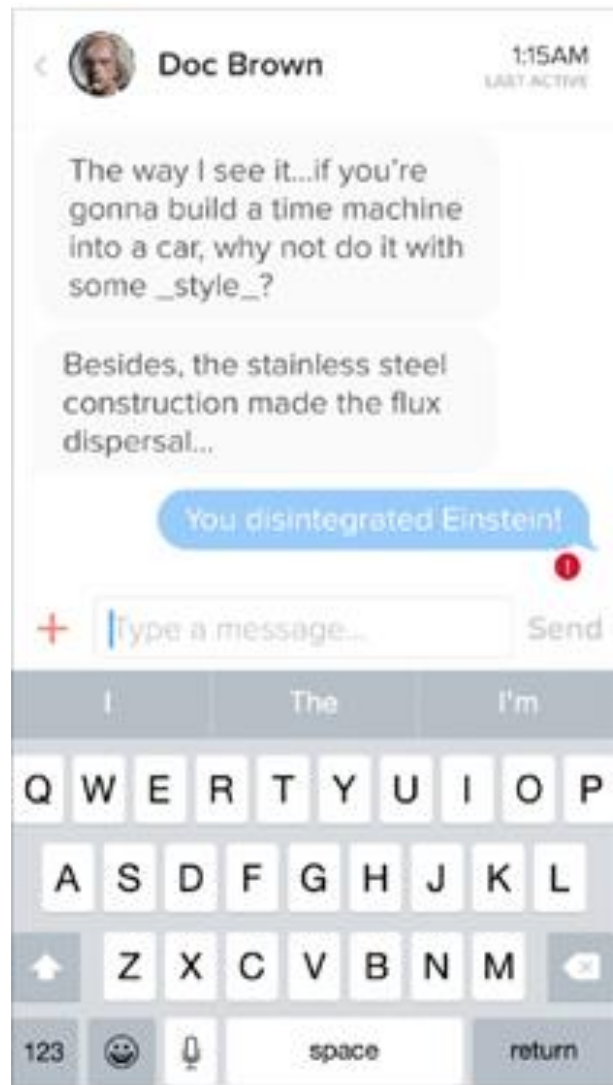
5. Writing linking sharing content



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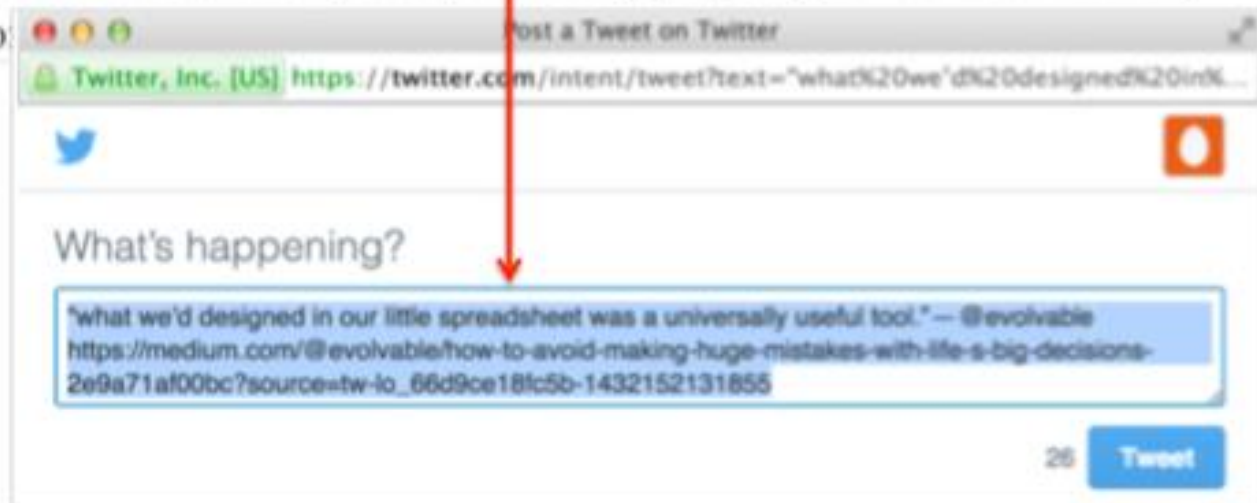
5. Writing linking sharing content



5. Writing linking sharing content

The Big Decision hod

While we were going through all this, it dawned on me that what we'd designed in our little spreadsheet was a universally useful tool. Not only was it a useful method for anyone purchasing property, it was useful for any decision.



5. Writing linking sharing content

← ⓘ https://www.google.co.in/maps/place/Indian+Institute+of+Technology+Bombay/@19.1334353,72.9110792,17z/data=!4 ↻ + mumbai map

Search nearby Indian Institute of Technology Bombay

Indian Institute of Technology Bombay
4.7 ★★★★★ 1,117 reviews
College

Directions

★ SAVE 📍 NEARBY 📱 SEND TO YOUR PHONE ➦ SHARE

Founded in 1958, this technology and engineering university known is for its green, lakeside campus. - Google

📍 IIT Area, Powai, Mumbai, Maharashtra 400076
🌐 iitb.ac.in
📞 022 2572 2545
✎ Suggest an edit
🚩 Add a label

Hostel 4
Hostel 15
Gymkhana Grounds
Lake Side Rd
Swimming Pool Rd
Main Gate Rd
YP Rd
MedPrime Technologies
K V School Rd
Shailash J. Mehta School of Management
Main Gate Rd
Gulmohar

Indian Institute of Technology...
IIT Area, Powai, Mumbai, Maharashtra 400076
4.7 ★★★★★ 1,117 reviews
View larger map

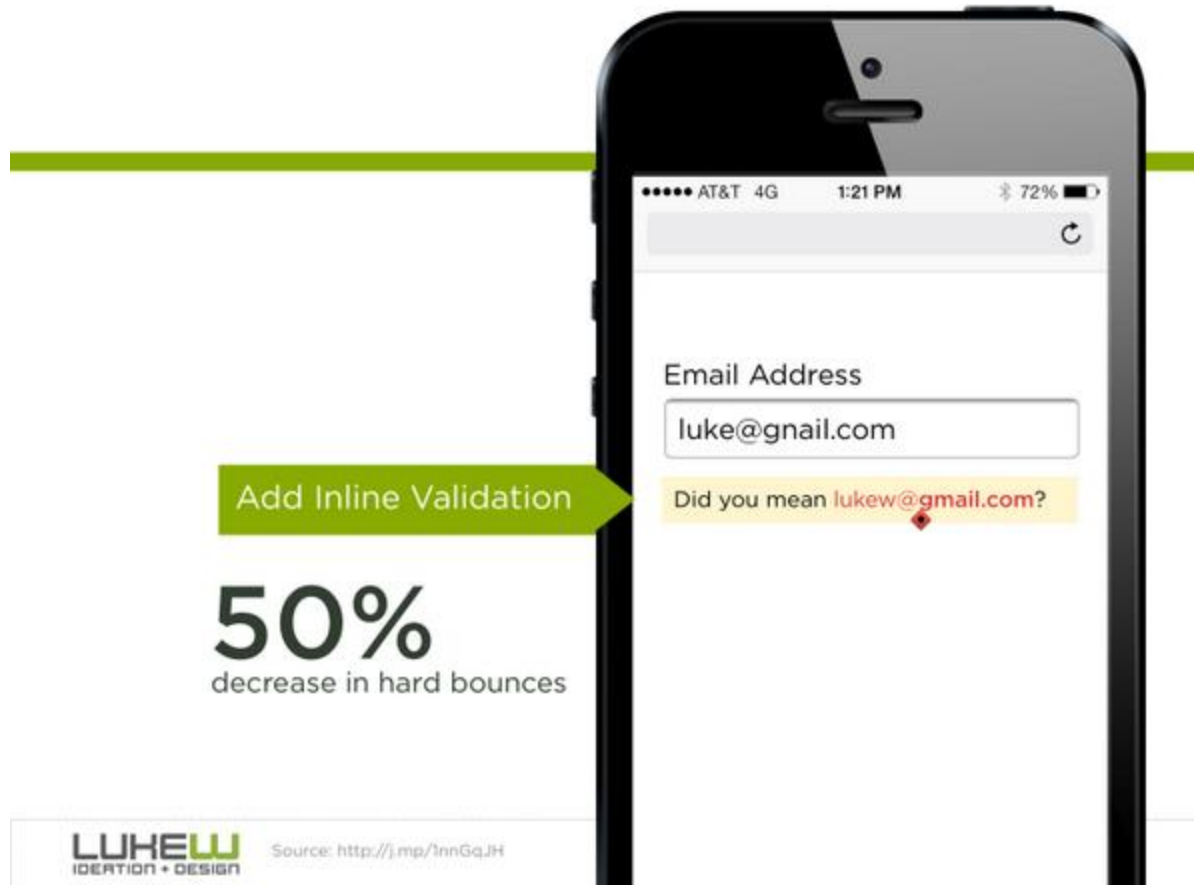
Directions Save

Indian Institute of Technology Bombay
Technology school...

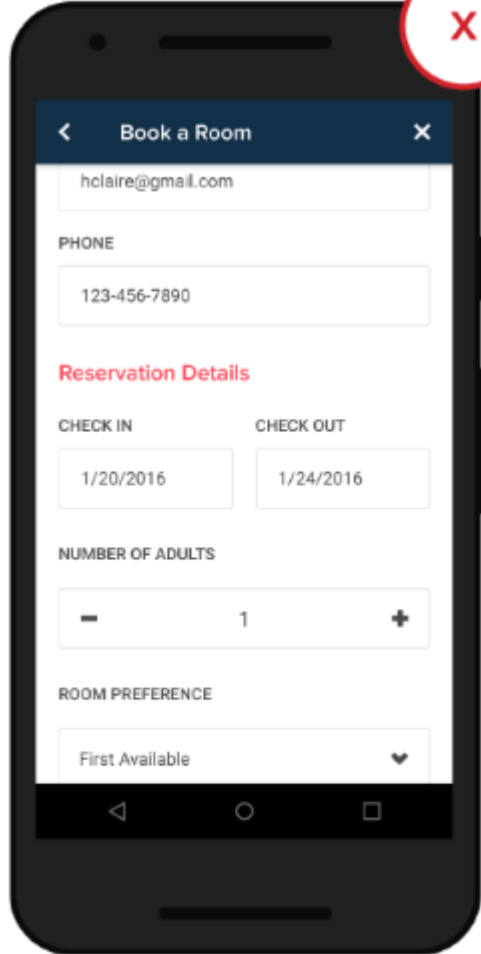

By embedding this map, you agree to the [terms of service](#).

Google

6. Preventing human error



6. Preventing human error



Book a Room

hclaire@gmail.com

PHONE

123-456-7890

Reservation Details

CHECK IN

1/20/2016

CHECK OUT

1/24/2016

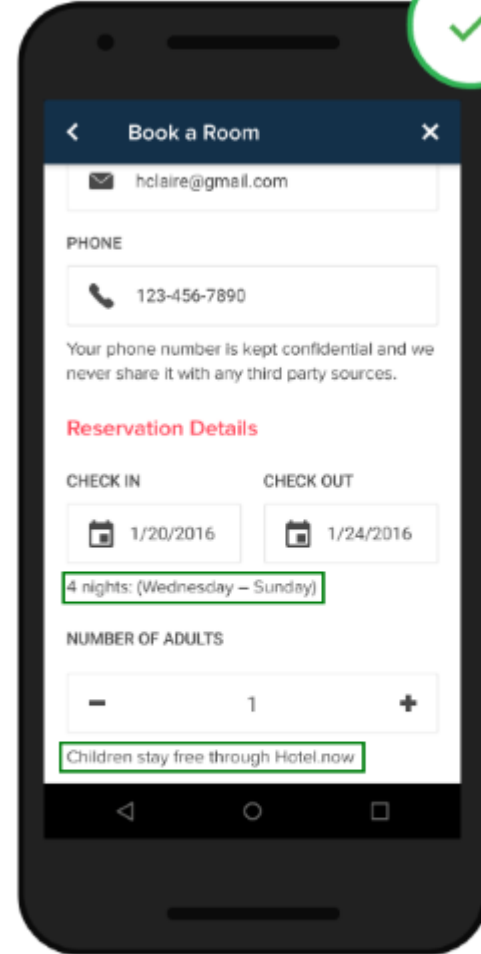

NUMBER OF ADULTS

- 1 +

ROOM PREFERENCE

First Available

X Users are not provided with appropriate data entry functionality or help text to support form completion.



Book a Room

hclaire@gmail.com

PHONE

123-456-7890

Your phone number is kept confidential and we never share it with any third party sources.

Reservation Details

CHECK IN

1/20/2016

CHECK OUT

1/24/2016

4 nights: (Wednesday – Sunday)

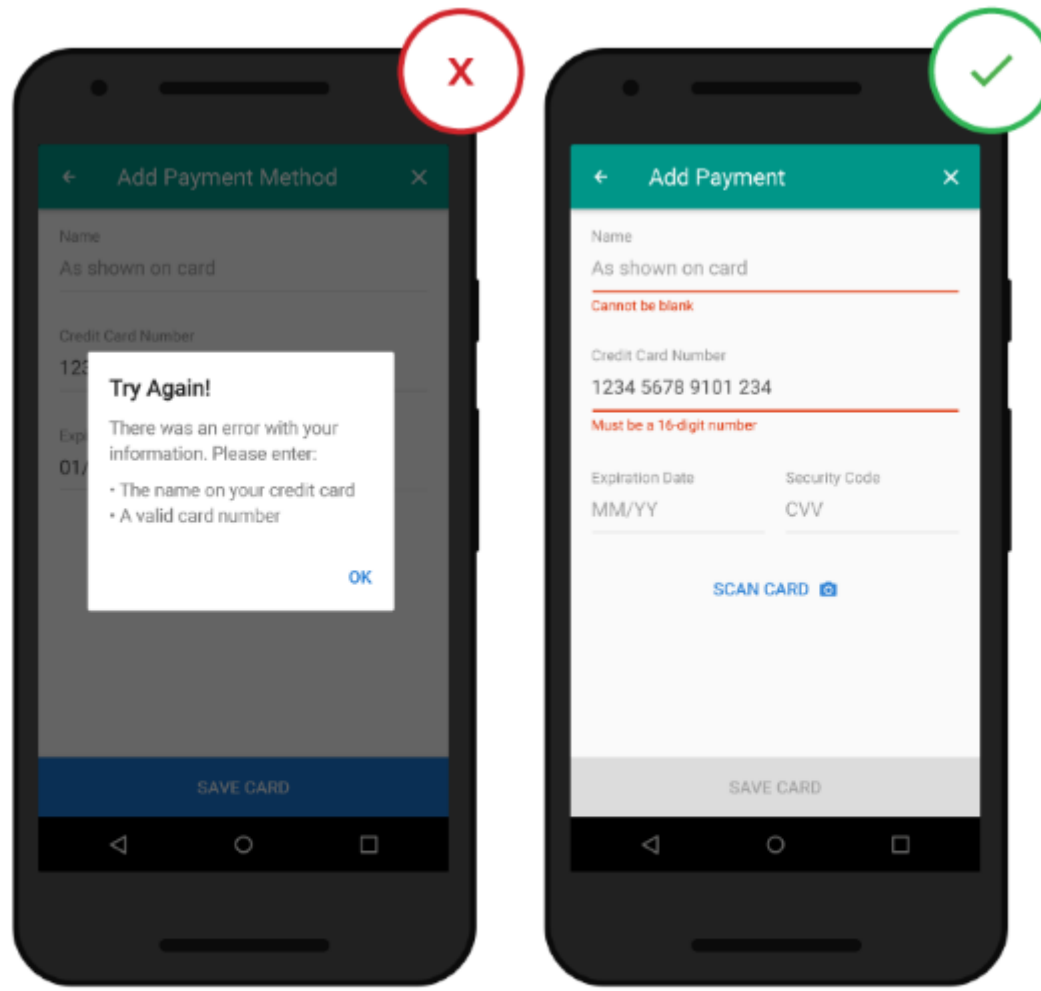
NUMBER OF ADULTS

- 1 +

Children stay free through Hotel now

✓ Helpful functionality, like calendar widgets, are available for data entry, and succinct explanatory information is provided.

6. Preventing human error



X Form entry is not validated until after submission and the error message provided is out of context without actionable recommendations.

✓ Actionable error messages are provided in context, in real-time, upon data entry.

6. Preventing human error

Your password must have:

- ✓ 8 or more characters
- ✓ Upper & lowercase letters
- ✓ At least one number

Strength: strong



Avoid passwords that are easy to guess or used with other websites.

6. Preventing human error

