

The Untold Benefits of Ethical Design





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c•||•q



Build a “Better” Product

User Interests & Benefits

Challenge Status Quo

Ethics at the Core

Ethical Design

1

ethics plural in form but singular or plural in construction : the discipline dealing with what is good and bad and with moral duty and obligation

2

a : a set of moral principles : a theory or system of moral values the present-day materialistic ethic an old-fashioned work ethic —often used in plural but singular or plural in construction an elaborate ethics Christian ethics

b **ethics** plural in form but singular or plural in construction : the principles of conduct governing an individual or a group professional ethics

c : a guiding philosophy

d : a consciousness of moral importance forge a conservation ethic

3

ethics plural : a set of moral issues or aspects (such as rightness) debated the ethics of human cloning

A Guiding Philosophy

The discipline of dealing with
what is good and bad and
with moral duty and obligation

Ethical Design:

Design created with the
intent to do good.

Design with good intent
can still go wrong.



3 FEET

DRAIN

We spend a lot of time thinking about tools, technologies and frameworks.

How much time do you spend thinking about the impact of what you're building?

“Make the world a better place”





Surveillance Capitalism

廣告位招租
電話 27271337

GCHQ data collection regime violated human rights, court rules

Surveillance system revealed by Snowden breached right to privacy, Strasbourg judges say



most viewed



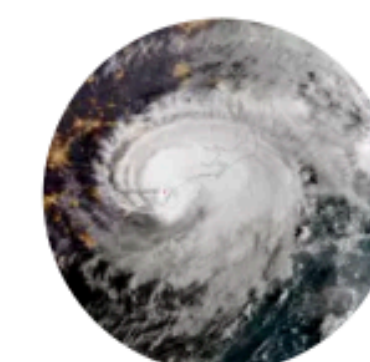
Live Tottenham Hotspur
Liverpool: Premier League
live!



Comedian Mark Lamarr
charged with assault and
imprisonment



Springboks hold on to int
shock home defeat on the
Blacks



This is how the world end
will we soon see category
hurricanes?

Data against People

“Systems that make decisions about people based on their data produce substantial adverse effects that can massively limit their choices, opportunities, and life-chances”.

Dark Patterns

Dark Patterns are tricks that
make users do things that you
didn't mean to.

Dark Patterns **pressure users into making a decision.**

Dark Patterns **suck.**

Here's how to cancel your subscription.

Please keep in mind that after canceling, you'll have limited access to The Times.

Chat with a Customer Care advocate

BEGIN CHAT

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If you are in the United States, you can call us at [800-NYTIMES](tel:800-NYTIMES) (800-698-4637). Our hours are 7 a.m. to 10 p.m. E.T. Monday - Friday, and 7 a.m. to 3 p.m. E.T. Saturday - Sunday. If you are outside of the United States, please see [our international contact information](#).

Contact us

Need help?

You may be able to find answers to your questions here.

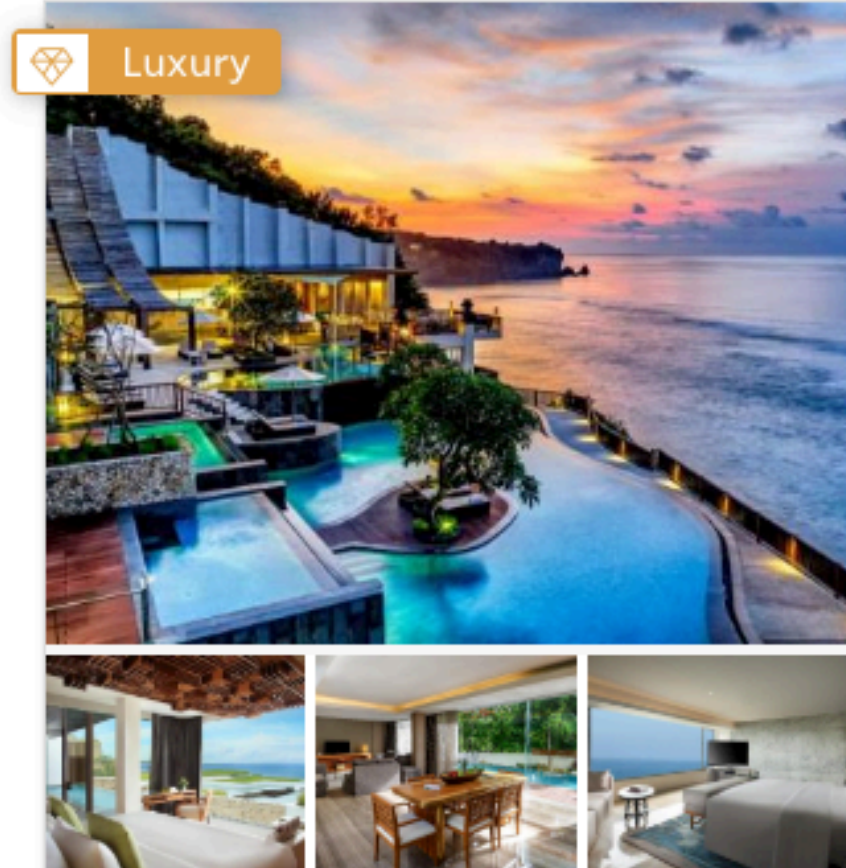
TOP CANCEL QUESTIONS


- What is the subscription refund policy? ▲
- What will happen to my account if I cancel my subscription? ▼

You will continue to have unlimited access for the duration of your current billing cycle. After that, you will be able to read a limited number of articles each month on nytimes.com and in NYTimes apps.

- Will I be able to resubscribe in the future if I cancel my subscription? ▼

Stress
Loss Aversion
Anxiety



 Luxury

Anantara Uluwatu Bali Resort

★★★★★ [Uluwatu, Bali - View on map](#)

 Excellent location

OPTIONS  Free cancellation  Pay later


30 travelers are considering this property right now

Last booked 15 hours ago

Excellent
784 reviews

8.3

53% OFF TODAY

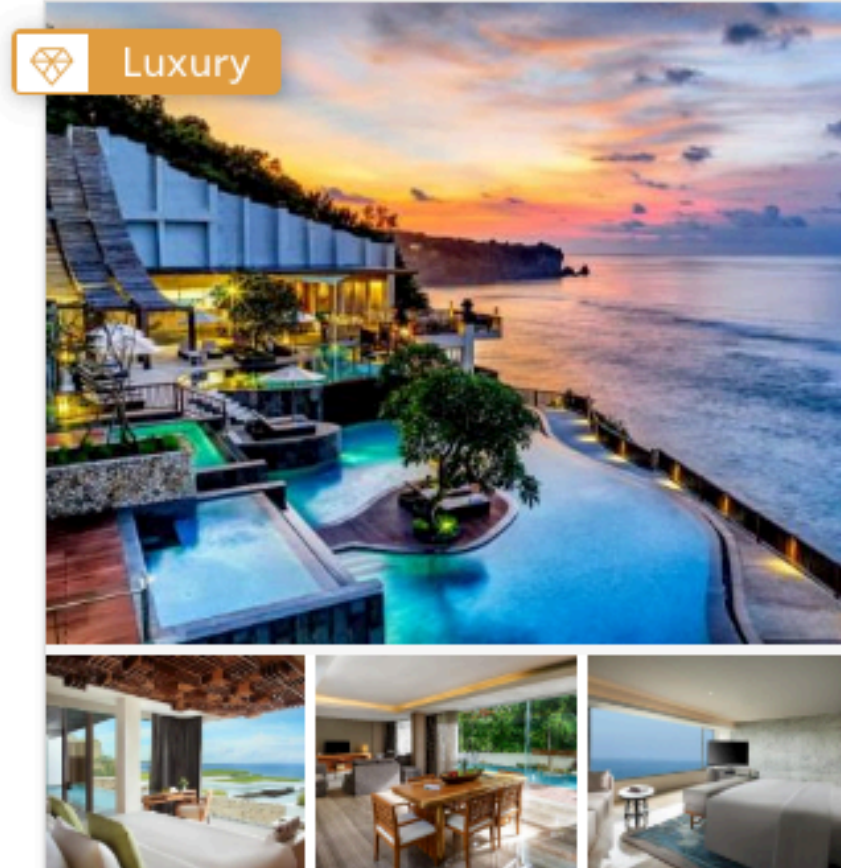
 Nightly rates as low as

~~4,662~~

HKD **2,211**

 Compare prices

Price includes **Free Breakfast**



Luxury

Anantara Uluwatu Bali Resort

★★★★★ [Uluwatu, Bali - View on map](#)

Excellent location

OPTIONS [Free c](#)

30 travelers are consid

Last booked 15 ho

Excellent
784 reviews

8.3



Pensiunea Panorama Business Inn ★★★★★



[Cluj-Napoca – Show on map](#) (2.4 km from centre)

Booked 3 times in the last 6 hours

Great Value Today



Double Room

In high demand - only 1 room left on our site!

Risk free: You can cancel later, so lock in this great price today.

Very good
684 reviews

8.5

Price for 2 nights

€ 90

FREE cancellation

[See our last available rooms >](#)

Luxury



Anantara Uluwatu Bali Resort

★★★★★ [Uluwatu, Bali - View on map](#)

Excellent location

OPTIONS [Free cancellation](#)

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784 reviews

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8.5

Price for 2 nights

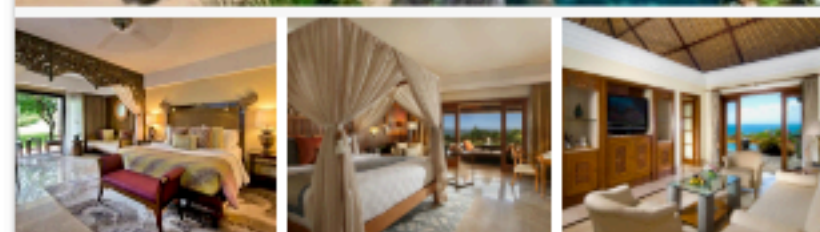
€ 90

FREE cancellation

Luxury



Best Seller



2017 AYANA Resort and Spa, BALI

Newly renovated

★★★★★ [Jimbaran, Bali - View on map](#)

Excellent location

OFFERS [Breakfast](#)

OPTIONS [Free cancellation](#) [Pay later](#)

53 travelers are considering this property right now

Last booked 9 hours ago

Excellent
2,625 reviews

8.9

46% OFF TODAY

(i) Nightly rates as low as

~~3,417~~

~~2,024~~

HKD 1,860

(i) Compare prices

[See our last available rooms >](#)

Fukuoka: 33 properties found

3 Reasons to Visit: Hakata ramen, Japanese cuisine & Ōhori Park



- Our Top Picks
- Distance from... ▾
- Lowest Price First
- Review Score & Price
- Stars ▾
- Review Score

Your results include some shared accommodations, such as dorm beds. [Show me private rooms only](#)

Best Seller

APA Hotel Fukuoka Watanabe Dori EXCELLENT ★★★★★

👍

Fukuoka – Show on map 📍 (1.9 km from center) – Subway Access

5 people are looking right now

In high demand! Booked 46 times in the last 24 hours

🔒

Double Room 👤👤

In high demand!

Risk Free: You can cancel later, so lock in this great price today!

Price for 2 Nights

Good 7.8

2,166 reviews

HK\$ 3,719

FREE cancellation

No prepayment needed

See our last available rooms >

Hotel WBF Fukuoka Tenjin Minami ★★★★★

Promoted

Fukuoka – Show on map 📍 (1.2 km from center) – Subway Access

6 people are looking right now

In high demand! Booked 41 times in the last 24 hours

🍴

Double Room 👤👤

In high demand – only 1 room left!

Price for 2 Nights

Very Good 8.2

1,104 reviews

HK\$ 3,805

See our last available rooms >

Excellent 8.3

784 reviews

Pensiunea Panorama Business Inn ★★★★★

👍

Cluj-Napoca – Show on map 📍 (2.4 km from centre)

Booked 3 times in the last 6 hours

Great Value Today 🌞🔒🌸🚗

Double Room 👤👤

In high demand - only 1 room left on our site!

Risk free: You can cancel later, so lock in this great price today!

Price for 2 nights

Very good 8.5

684 reviews

€ 90

FREE cancellation

See our last available rooms >

YANA Resort and Spa, BALI

Renovated

Jimbaran, Bali - View on map

Location

Breakfast

Free cancellation Pay later

Excellent 8.9

2,625 reviews

46% OFF TODAY

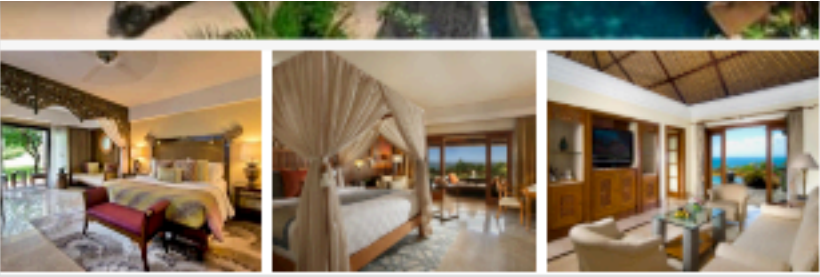
Nightly rates as low as

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2,024

HKD 1,860

Compare prices



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- Our Top Picks
- Distance from... ▾
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- Stars ▾
- Review Score

Your results include some shared accommodations, such as dorm beds. [Show me private rooms only](#)

Best Seller

APA Hotel Fukuoka Watanabe Dori EXCELLENT ★★★★★

👍

Fukuoka – Show on map 📍 (1.9 km from center) – Subway Access

5 people are looking right now

In high demand! Booked 46 times in the last 24 hours

Double Room 🧑🧑

In high demand!

Risk Free: You can cancel later, so lock in this great price today!

Good 7.8

2,166 reviews

Price for 2 Nights

Hotel WBF Fukuoka Tenjin Mi

Promoted

Fukuoka – Show on map 📍 (1.2 km from center)

6 people are looking right now

In high demand! Booked 41 times in the last 24 hours

Double Room 🧑🧑

In high demand – only 1 room left!

Best Seller

Hotel Belvedere ★★★★★

📍 Cluj-Napoca – Show on map 📍 (800 m from center)

1 person is looking right now

Booked 3 times in the last 6 hours

Suite 🧑🧑

Only 1 room left on our site!

Risk Free: You can cancel later, so lock in this great price today!

Good 7.8

1,210 reviews

Price for 2 Nights

HK\$ 1,275

Breakfast HK\$ 46.88

FREE cancellation

Select your room >

Excellent 8.3

784 reviews

Pensiunea Panorama Business Inn ★★★★★

👍

Cluj-Napoca – Show on map 📍 (2.4 km from centre)

Booked 3 times in the last 6 hours

Very good 8.5

684 reviews



Stressed, anyone?

Human Centered Design

What's really good for our users?

User Experience

Accessibility

Inclusivity

Copy Writing

Impact

User Flows

Legibility

User Experience

Performance

Security

Privacy

Respect

Responsibility

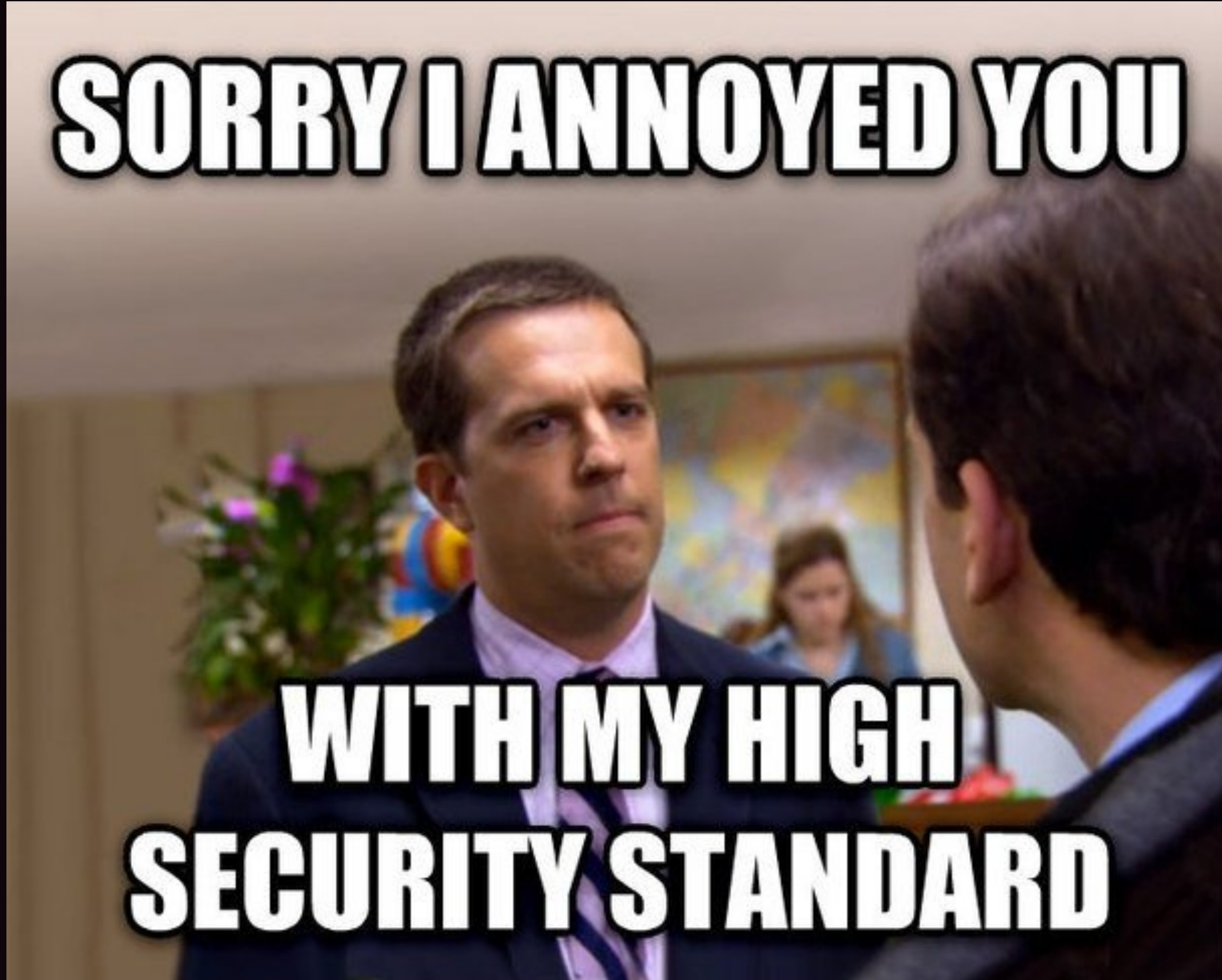
If you don't consider these essentials
for your “great” user experience, it will
only be “so great!” for **some of us**.

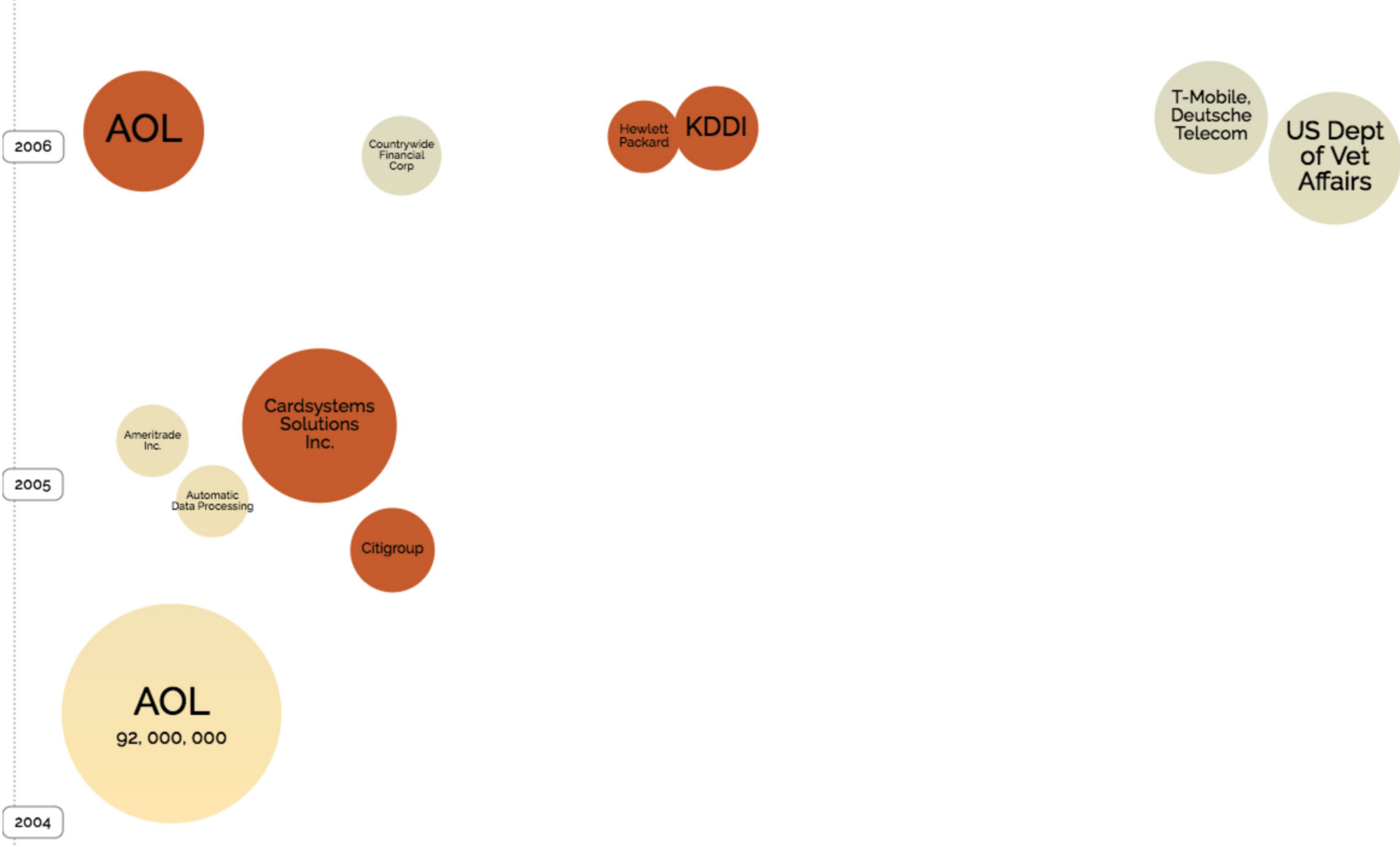
When designing, we have **a responsibility** that will eventually define the relationship of our users to our product.

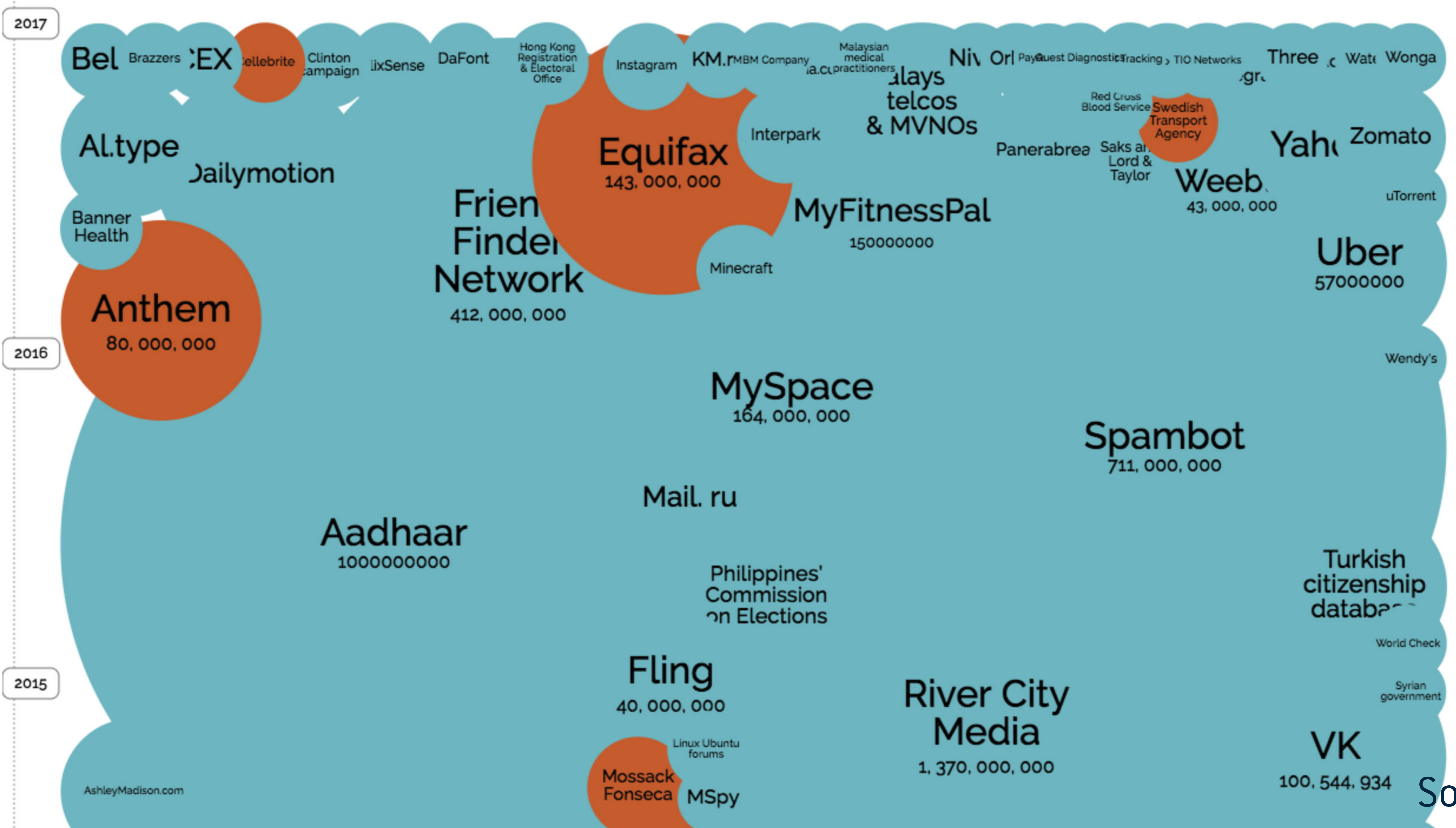
I want some peace of mind!

SORRY I ANNOYED YOU

**WITH MY HIGH
SECURITY STANDARD**







*“Another day, another breach.
It still blows my mind how frequently
this happens.”*

—Troy Hunt

**We're spending a lot of time thinking
about how to collect more and more data.**

**How much time do you spend thinking
about how to secure that data?**

Security Rule #1

The data you don't have stored,
can't be leaked, lost or stolen.

Web Performance



JC Airlines

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Mailbox: helpdesk@jcairlines.com

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From

To

Depart Date

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Return Date

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Notice:

Special Product

More

Special Offers

About Us

JC Airlines

Customer Service

AirLine General Condition

Friendly Link

ElementsNetworkMemoryAuditsPerformanceApplicationConsoleSourcesSecurity

View:Group by framePreserve logDisable cacheOfflineOnline

FilterHide data URLsAllXHRJSCSSImgMediaFontDocWSManifestOther

| Name | Status | Type | Initiator | Size | Time | Waterfall | 3.3 min |
|--------------------------------|-----------|------------|------------------|--------------|---------|-----------|---------|
| www.jcairlines.com | 200 | document | Other | 1.9 KB | 2.70 s | | |
| common.css?1.0.0.28513 | 200 | stylesheet | (index) | 24.4 KB | 19.74 s | | |
| main.css?1.0.0.28513 | (failed) | stylesheet | (index) | 146 KB | 3.2 min | | |
| encode.min.js?1.0.0.28513 | 200 | script | (index) | (from dis... | 4 ms | | |
| common.js?1.0.0.28513 | 200 | script | (index) | 235 KB | 3.4 min | | |
| main.js?1.0.0.28513 | 200 | script | (index) | (from dis... | 4 ms | | |
| 2.1.0.31.js | 200 | script | common.is?1.0... | 4.7 KB | 19.76 s | | |
| nonce?_=1514355067 | 200 | xhr | common.is?1.0... | 3.5 KB | 2.67 s | | |
| index.1.0.31.js | 200 | script | common.is?1.0... | 17.2 KB | 55.61 s | | |
| GetForegroundMenu?MENU_... | 200 | xhr | common.is?1.0... | 2.1 KB | 1.37 s | | |
| GetAirportList?_=1514355337... | 200 | xhr | common.is?1.0... | 1.3 KB | 2.68 s | | |
| GetNoticeModels?FORCE_P... | 200 | xhr | common.is?1.0... | 283 B | 8.90 s | | |
| GetHomePageSlideimage?Sh... | (pending) | xhr | common.is?1.0... | 0 B | Pending | | |
| GetHomePageSlideimage?Sh... | (pending) | xhr | common.is?1.0... | 0 B | Pending | | |
| GetSpecialTicketDatas?page... | 200 | xhr | common.is?1.0... | 354 B | 5.17 s | | |
| GetPopupNotice?type=Home... | 200 | xhr | common.is?1.0... | 357 B | 4.33 s | | |
| favicon.ico | 200 | x-icon | Other | 4.5 KB | 11.20 s | | |
| GetRouteList?_=1514355337... | 200 | xhr | common.is?1.0... | 2.6 KB | 10.45 s | | |

18 requests | 444 KB transferred | Finish: 4.7 min | DOMContentLoaded: 3.5 min | Load: 4.5 min

JC Airlines

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English

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Mailbox: helpdesk@jcairlines.com

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- Air Ticket Reservation

Special Product

Self Service

- Ticket Verify
- Flight Satuation

Info Service

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One-Way

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From

To

Depart Date

2017-12-29

Return Date

Search

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Special Product

More

Special Offers

About Us

JC Airlines

Customer Service

AirLine General Condition

Friendly Link

Elements

Network

Memory

Audits

Performance

Application

Console

Sources

Security

1

1

Filter

Hide data URLs

All

XHR

JS

CSS

Img

Media

Font

Doc

WS

Manifest

Other

50000 ms

100000 ms

150000 ms

200000 ms

250000 ms

300000 ms

3

main.css?1.0.0.28513

(failed)

stylesheet

(index)

| | | | | | | | | |
|--------------------------------|-----------|------------|------------------|--------------|---------|--|--|--|
| www.jcairlines.com | 200 | document | Other | 1.9 KB | 2.70 s | | | |
| common.css?1.0.0.28513 | 200 | stylesheet | (index) | 24.4 KB | 19.74 s | | | |
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| common.js?1.0.0.28513 | 200 | script | (index) | 235 KB | 3.4 min | | | |
| main.js?1.0.0.28513 | 200 | script | (index) | (from dis... | 4 ms | | | |
| 2.1.0.31.js | 200 | script | common.is?1.0... | 4.7 KB | 19.76 s | | | |
| nonce?_=1514355067 | 200 | xhr | common.is?1.0... | 3.5 KB | 2.67 s | | | |
| index.1.0.31.js | 200 | script | common.is?1.0... | 17.2 KB | 55.61 s | | | |
| GetForegroundMenu?MENU_... | 200 | xhr | common.is?1.0... | 2.1 KB | 1.37 s | | | |
| GetAirportList?_=1514355337... | 200 | xhr | common.is?1.0... | 1.3 KB | 2.68 s | | | |
| GetNoticeModels?FORCE_P... | 200 | xhr | common.is?1.0... | 283 B | 8.90 s | | | |
| GetHomePageSlideimage?Sh... | (pending) | xhr | common.is?1.0... | 0 B | Pending | | | |
| GetHomePageSlideimage?Sh... | (pending) | xhr | common.is?1.0... | 0 B | Pending | | | |
| GetSpecialTicketDatas?page... | 200 | xhr | common.is?1.0... | 354 B | 5.17 s | | | |
| GetPopupNotice?type=Home... | 200 | xhr | common.is?1.0... | 357 B | 4.33 s | | | |
| favicon.ico | 200 | x-icon | Other | 4.5 KB | 11.20 s | | | |
| GetRouteList?_=1514355337... | 200 | xhr | common.is?1.0... | 2.6 KB | 10.45 s | | | |


18 requests | 444 KB transferred | Finish: 4.7 min | DOMContentLoaded: 3.5 min | Load: 4.5 min

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JC Airlines

https://www.jcairlines.com/#/?_k=m5h3h9

Login | RegisterEnglishService Phone: +855(0)23989707Complaint Contact: +855(0)23989709Mailbox: complaint-suggestion@jcairlines.comJC Airlines APP



ជេតី (ខេមបូឌា) អ៊ីនធឺណេសិនល អ៊ែរឡាញ
JC (CAMBODIA) INTERNATIONAL AIRLINES Co., Ltd.

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Book The Flight

One-Way

Round-Trip

From

To

Depart Date

Return Date

2018-10-14

Search

金边

Phnom Penh

August 29, 2018

Sihanouk ville – Phnom Penh
Sihanouk ville – Phnom Penh

The daily flight time is still
please refer to the specific

Notice:

News

Flash Sale

買送

台北套票

More

Network

Filter

XHR JS CSS Img Media Font Doc WS Mar

| Name | St | Pr | Ty | Si | Waterfall |
|-------|----|-----|-----|-----|-----------|
| G... | 20 | htt | pn | 10 | |
| G... | 20 | htt | jpe | 88 | |
| G... | 20 | htt | jpe | 85 | |
| G... | 20 | htt | jpe | 83 | |
| G... | 20 | htt | jpe | 80 | |
| G... | 20 | htt | jpe | 72 | |
| G... | 20 | htt | jpe | 65 | |
| G... | 20 | htt | jpe | 61 | |
| c... | 20 | htt | sci | 59 | |
| G... | 20 | htt | jpe | 58 | |
| G... | 20 | htt | jpe | 49 | |
| G... | 20 | htt | jpe | 45 | |
| m... | 20 | htt | sty | 40 | |
| m... | 20 | htt | sci | 85 | |
| c... | 20 | htt | sty | 66 | |
| in... | 20 | htt | sci | 60 | |
| p... | 20 | htt | pn | 15 | |
| 2... | 20 | htt | sci | 5.9 | |

37 requests | 9.0 MB transferred | Finish: 12.15 s | DO...

Console Network conditions


top

[Deprecation] common.js?1.0.0.23495:4 Synchronous XMLHttpRequest on the main thread is deprecated because of its detrimental effects to the end user's experience. For more help, check http s://xhr.spec.whatwg.org/.

JC Airlines

https://www.jcairlines.com/#/?_k=m5h3h9

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Book The Flight

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FromTo

Depart DateReturn Date

2018-10-14

Search

OMG!

每套 \$450

9MB? 8 Hero Images? \$^#&*\$?

台北 金边
套 \$450 起 票
每套含 / 三次往返 / 一年内有效
● \$450 每套包含燃油费及机场税费。

Notice:

NewsMore

Flash Sale

買送

台北 套 票 金边

Network

Filter

XHRJSCSSImgMediaFontDocWSMar

| Name | St | Pr | Ty | Si | Waterfall |
|-------|----|-----|-----|-----|-----------|
| G... | 20 | htt | pn | 10 | |
| G... | 20 | htt | jpe | 88 | |
| G... | 20 | htt | jpe | 85 | |
| G... | 20 | htt | jpe | 83 | |
| G... | 20 | htt | jpe | 80 | |
| G... | 20 | htt | jpe | 72 | |
| G... | 20 | htt | jpe | 65 | |
| G... | 20 | htt | jpe | 61 | |
| c... | 20 | htt | sci | 59 | |
| G... | 20 | htt | jpe | 58 | |
| G... | 20 | htt | jpe | 49 | |
| G... | 20 | htt | jpe | 45 | |
| m... | 20 | htt | sty | 40 | |
| m... | 20 | htt | sci | 85 | |
| c... | 20 | htt | sty | 66 | |
| in... | 20 | htt | sci | 60 | |
| p... | 20 | htt | pn | 15 | |
| 2... | 20 | htt | sci | 5.9 | |

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ConsoleNetwork conditions

[Deprecation] common.js?1.0.0.23495:4 Synchronous XMLHttpRequest on the main thread is deprecated because of its detrimental effects to the end user's experience. For more help, check http s://xhr.spec.whatwg.org/.

Respecting Users





Uploading

Close



Retake

Use



Analyzing

Close



Retake

Use



Still Analyzing

Close



Retake

Use



Hang in there...

Close



Retake

Use



It's like waiting for Barolo...

Close



Retake

Use



Gotcha:-)! Just a few more secs..

Close



Retake

Use



3.2.1. and Voila!

Close



Retake

Use



Got better things to do?
We'll keep working in the meantime

Close



Use

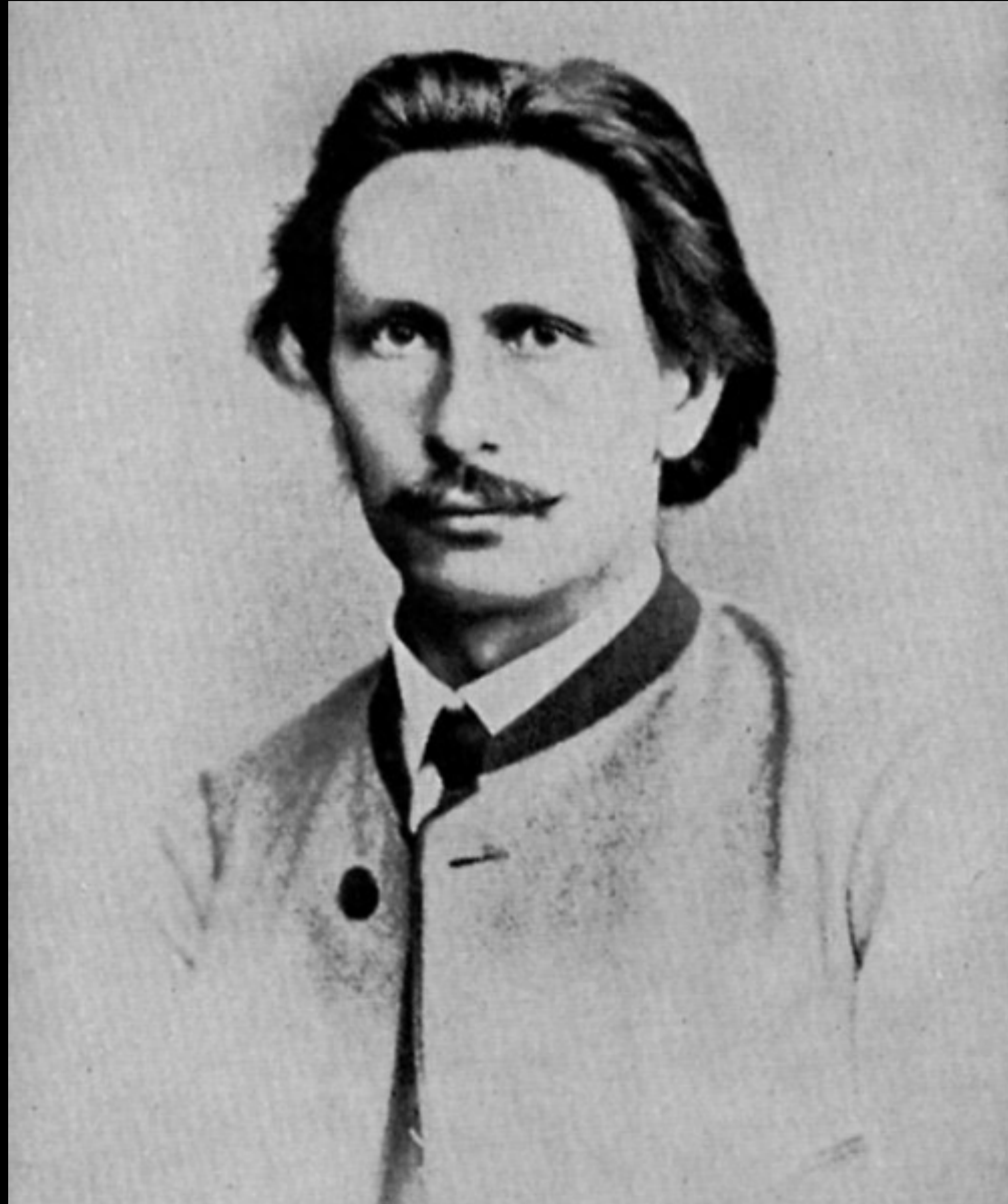
Respect your users.

Happy users will be much **more likely to forgive.**

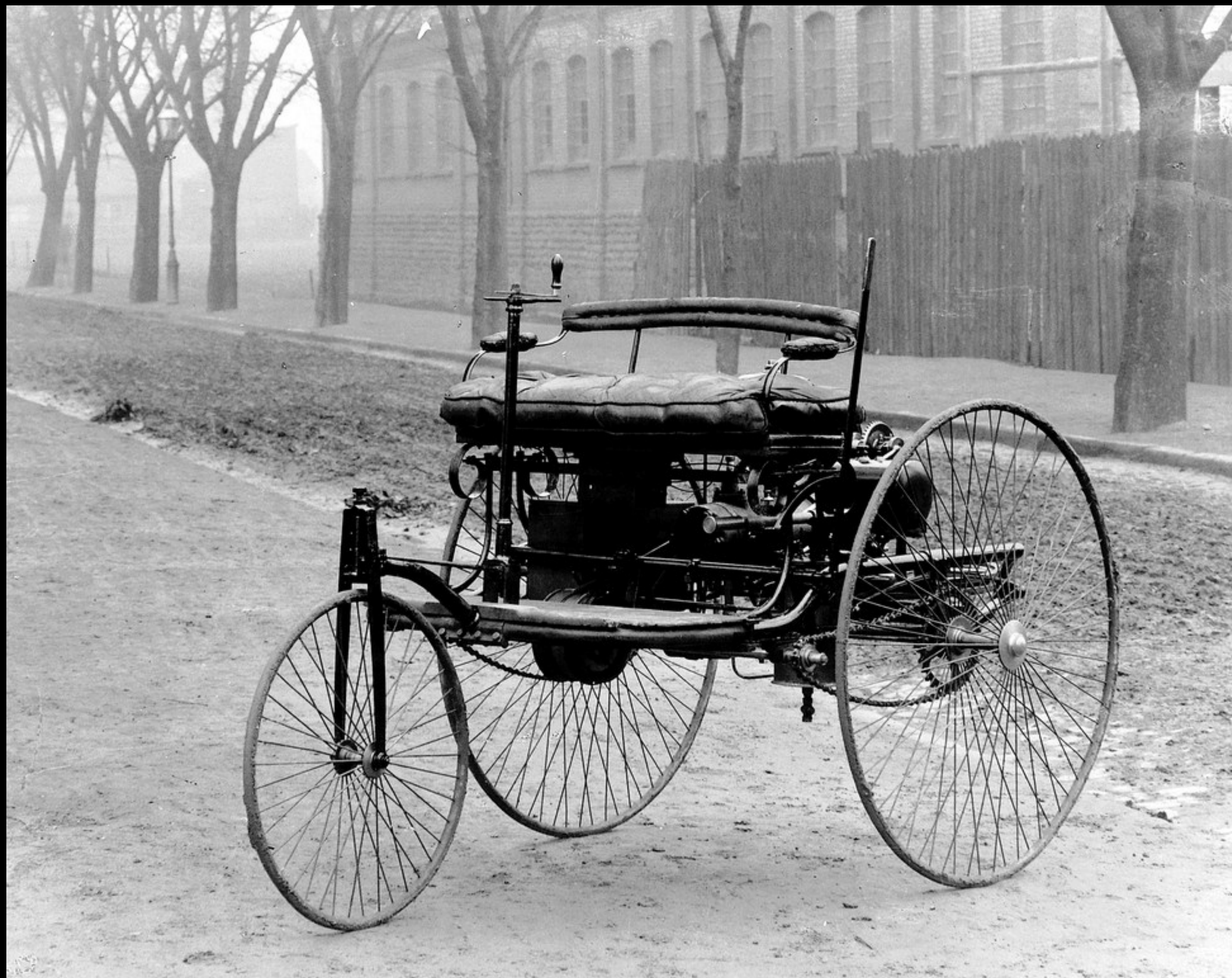
Rethinking the Approach

**The Internet is still young and we are
experimenting.**





1885

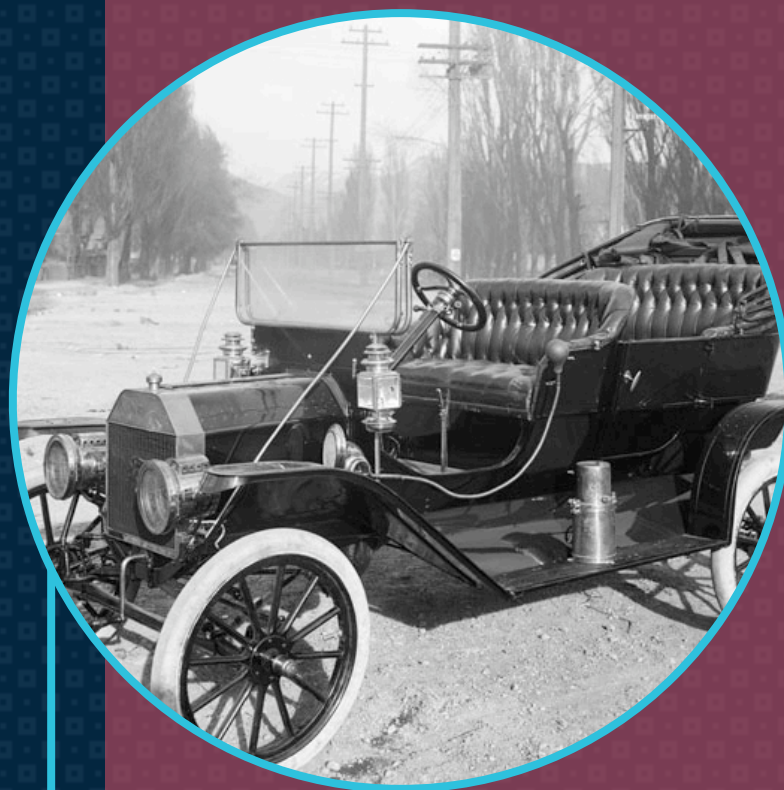


1910





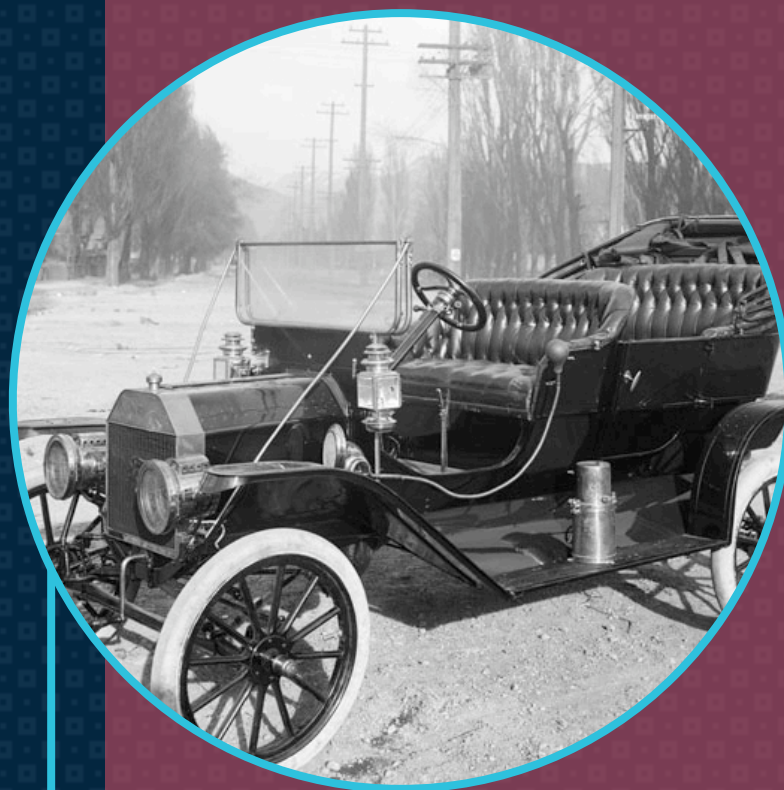
1885



1910



1885



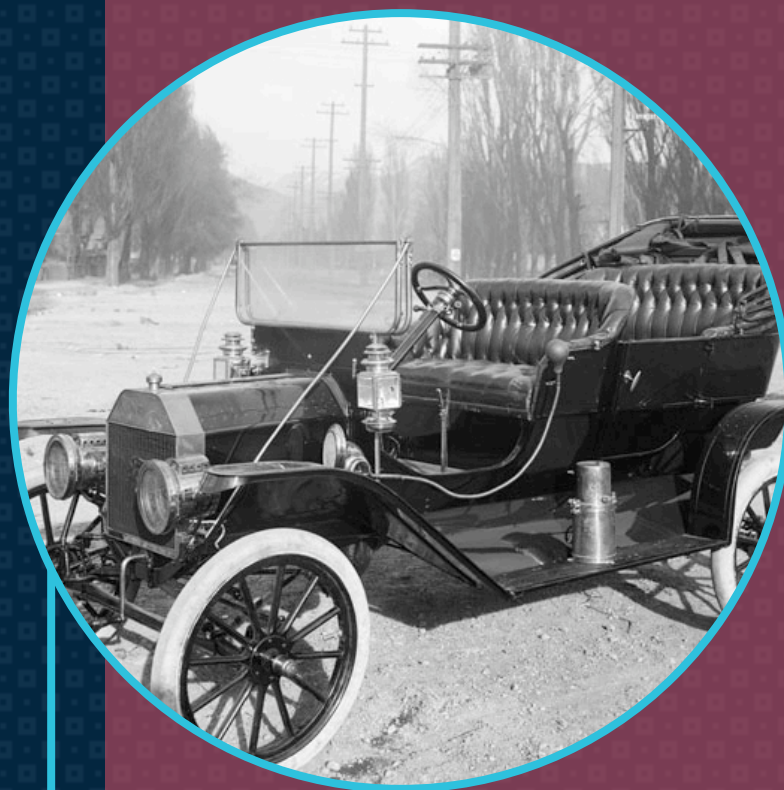
1910



1950



1885



1910



1950



1885



1910



1950



1970



1885



1910



1950



1970



2015



1885



1910



1950



1970



2015



2018

The Internet is still young and we are experimenting.

For a sustainable future we might have to reconsider and adjust the direction.

We have learned how to **build stuff**.

Now it's time to get **people focused**
essentials built in.

Essentials

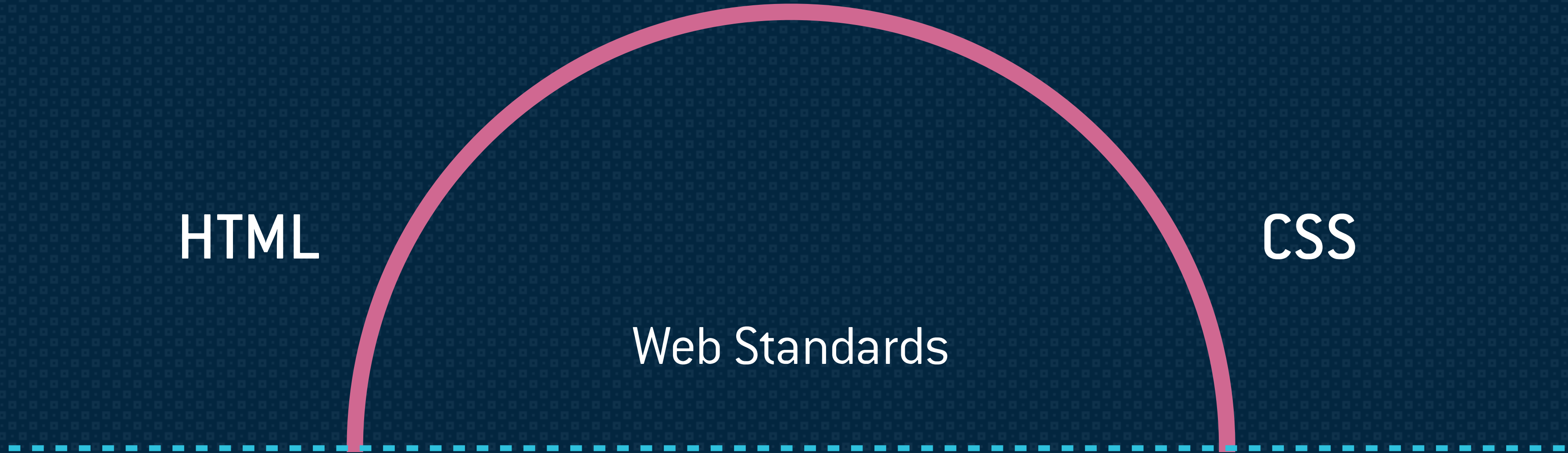
for a Future Web

JavaScript

HTML

CSS

Web Standards



JavaScript

HTML

CSS

Web Standards

Web Essentials

Privacy

Security

Responsibility



JavaScript

CSS

HTML

Web Essentials

Security

Privacy

Responsibility



Too much work!



“We don’t have a budget
for that CSS thing!”

—*Nobody, ever*

“People are starting to really care about companies having heart. The mentality of maximizing growth at any cost will in fact no longer maximize growth. [...] They want companies that do good in the world and do right by their team.

—Joel Gascoigne, Buffer



How would you like to be
treated?

What are you willing to do for it?

Accessibility

Inclusivity

Responsibility

Data
Tracking
Privacy
Web Performance

Security

[Home](#)[Notify me](#)[Domain search](#)[Who's been pwned](#)[Passwords](#)[API](#)[About](#)[Donate !\[\]\(6059a5aa8b4ca7bb793408023d6c6e42_img.jpg\)](#)

';--have i been pwned?

Check if you have an account that has been compromised in a data breach



Generate secure, unique passwords for every account

[Learn more at 1Password.com](#)

[Why 1Password?](#)

314

pwned websites

5,555,329,164

pwned accounts

80,086

pastes

87,312,632

paste accounts

Largest breaches



711,477,622 [Onliner Spambot accounts](#)



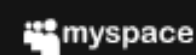
593,427,119 [Exploit.In accounts](#)



457,962,538 [Anti Public Combo List accounts](#)



393,430,309 [River City Media Spam List accounts](#)



359,420,698 [MySpace accounts](#)



224,242,000 [Netflix accounts](#)

Recently added breaches



125,929,660 [Apollo accounts](#)



7,687,679 [Digimon accounts](#)



2,457,420 [SaverSpy accounts](#)



307,768 [Real Estate Mogul accounts](#)



3,472,916 [NemoWeb accounts](#)



41,826,763 [Kayo.moe Credential Stuffing List accounts](#)

Great! But...

Great! But...

*“Don’t ask how you’re going to pay
your rent working ethically.
Ask why you’re open to behaving
unethically in the first place.”*

—Mike Monteiro

We need to **get our values right**.

By **thinking about the user**, how to treat and what to serve them, it's possible to **achieve better performance**, offer improved **privacy** and **security** and become **better at our craft**.

A moral compass.



We can **start with the small things** and make the web and our **experiences more pleasant**. And then go from there.

Design with the intent to
do good.

Design with the intent to
do good better.

Do better every day.

Thank you.

Find me on Twitter: [@foobartel](#)