Experience Design How Story Principles Create Great UX

Hello, I'm Dan. Pleasure to meet you 👋.

Intro: Gals

Have a new perspective on UX and how to apply it in your work.

Experience Design Goal

Understand why and how story principles boost UX.

Experience Design Goal

Know how to map your «experience» and improve your entire user journey.

Intro:

Our way to success

We give everyone a voice and build up on other people's thoughts and ideas.



We don't judge but ask questions instead and «park» if necessary.



We stay focused, have some fun and call for a break before this happens.



The smartest person in the room is always the room (via Hyper Island).

Tash Willcocks
Former Hyper Island Programme Lead



Intro: Agenda

Morning

_Hello & Good Morning

_Experience Design: Terminology

_Story Principles To Improve Your UX (1-4)

_Intro Experience Mapping

71:30 -13:30 Lunch & Lunch Task
Afternoon

_Lunch Task Presentation & recap

_Story Principles To Improve Your UX (4-6)

_Potential Bonus Topic

_Wrap-Up & Happy Evening

Experience Design Terminology

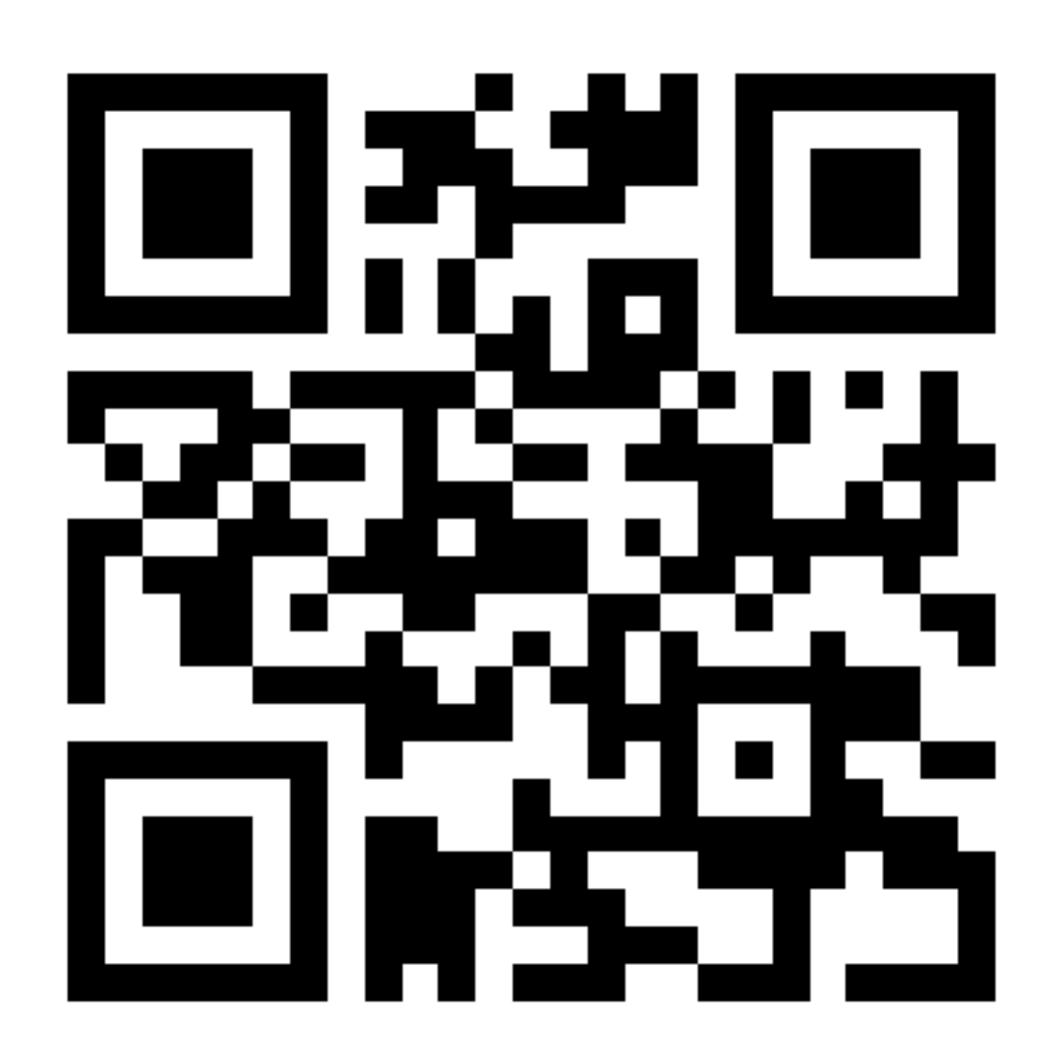
What the fixed is (User) Experience Design?

This is...

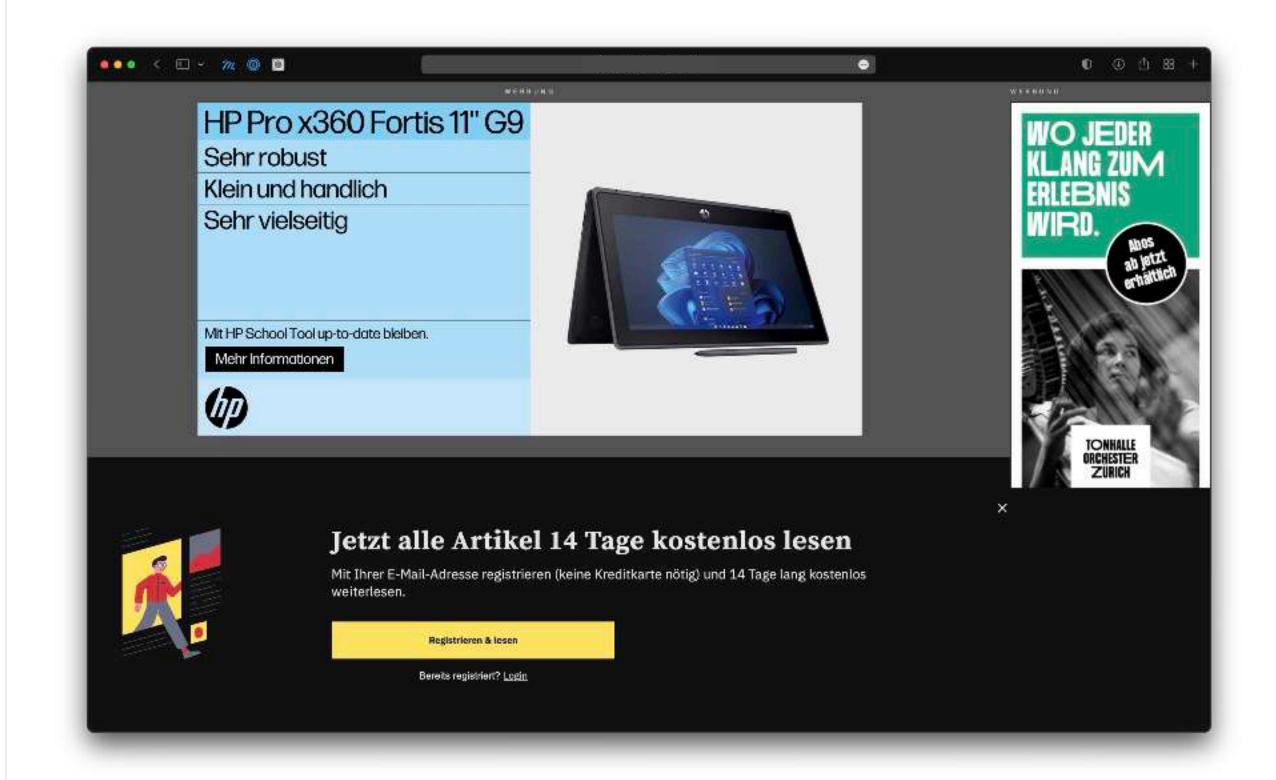


Or this...

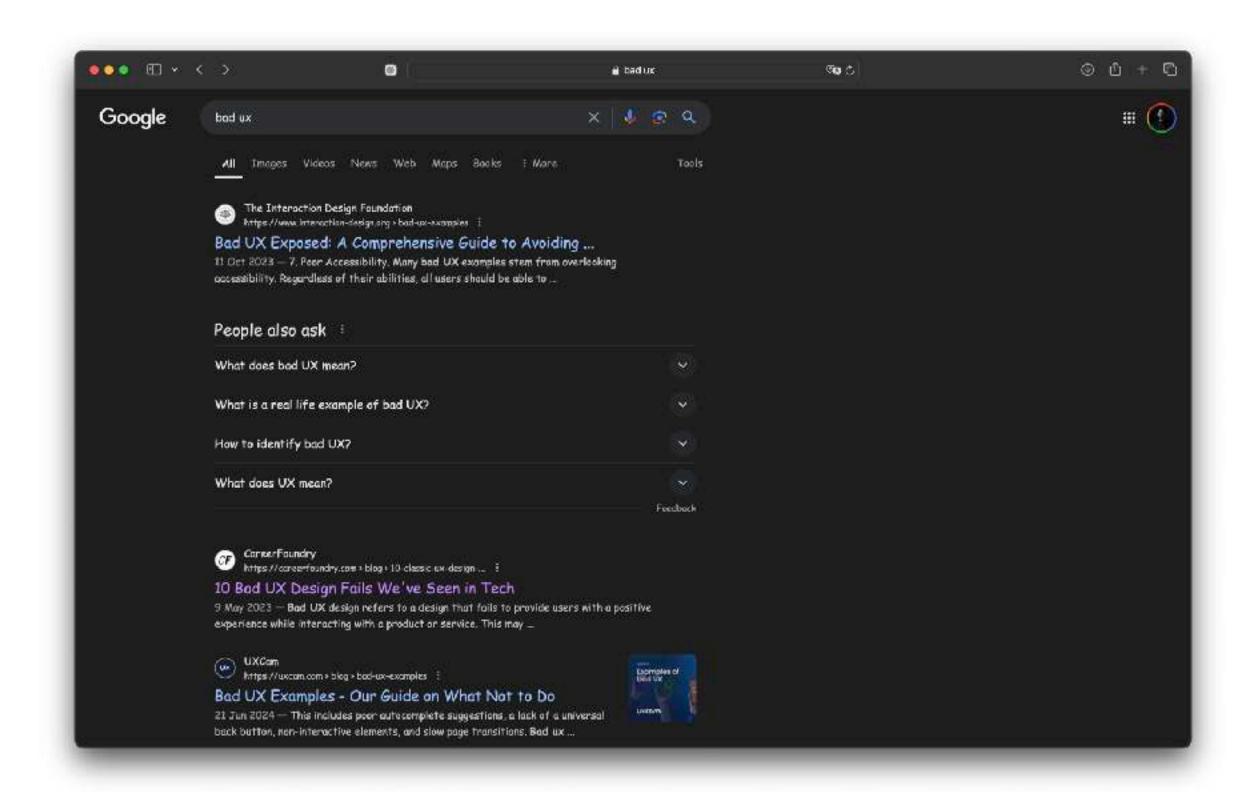
how-i-experience-web-today.com (Go landscape mode if on mobile)



...& wtf....



Google «bad ux».



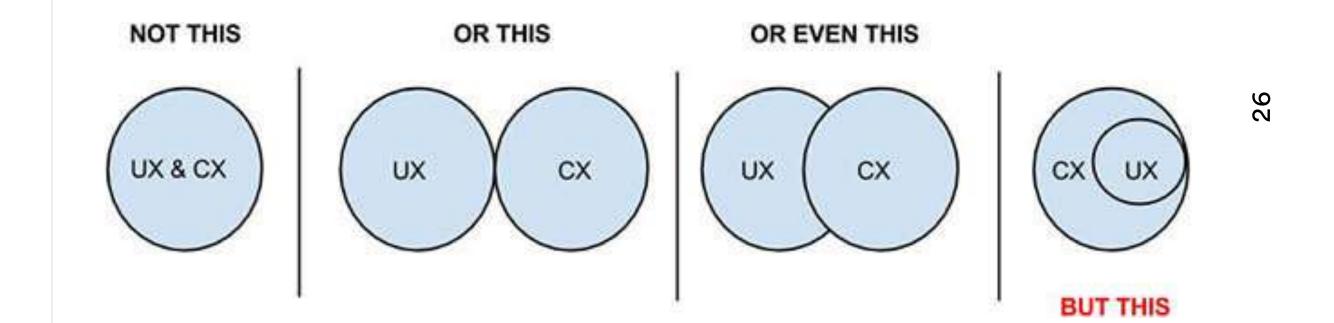
What the fixed is (User) Experience Design?

UX – Experience from the interaction with a specific product.

CX – Experience from all the interactions a person has with your brand.

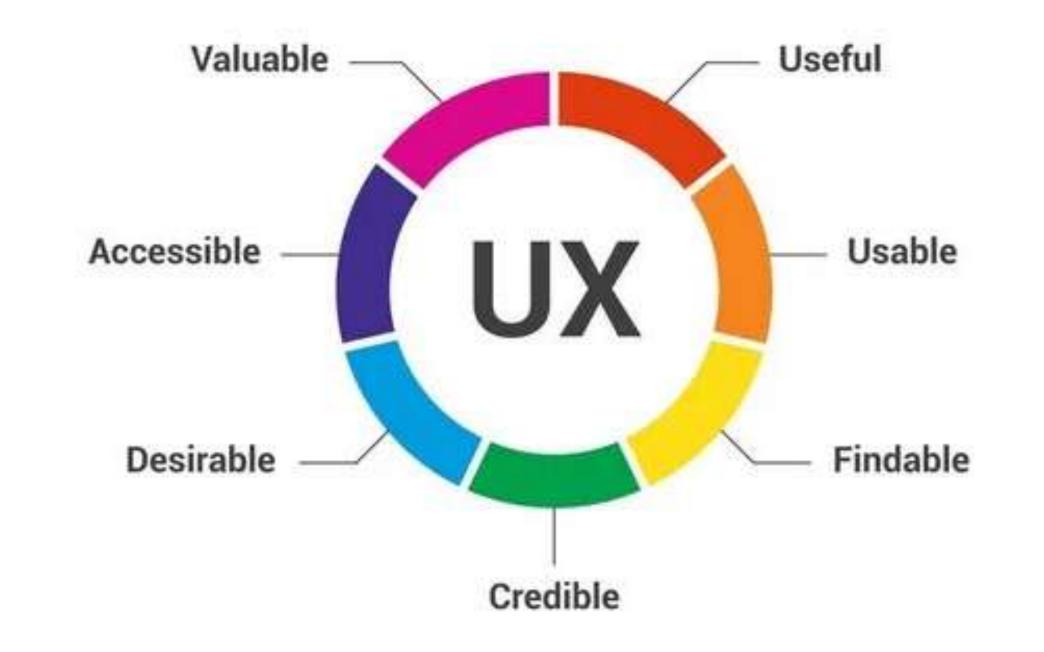
User Experience Design

Just another definition



digitalgov.gov

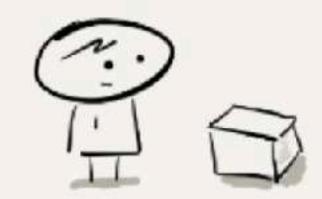
User experience (UX) design is the process design teams use to create products that provide meaningful and relevant experiences to users.



User vs. Service Experience

User Experience

Service Experience

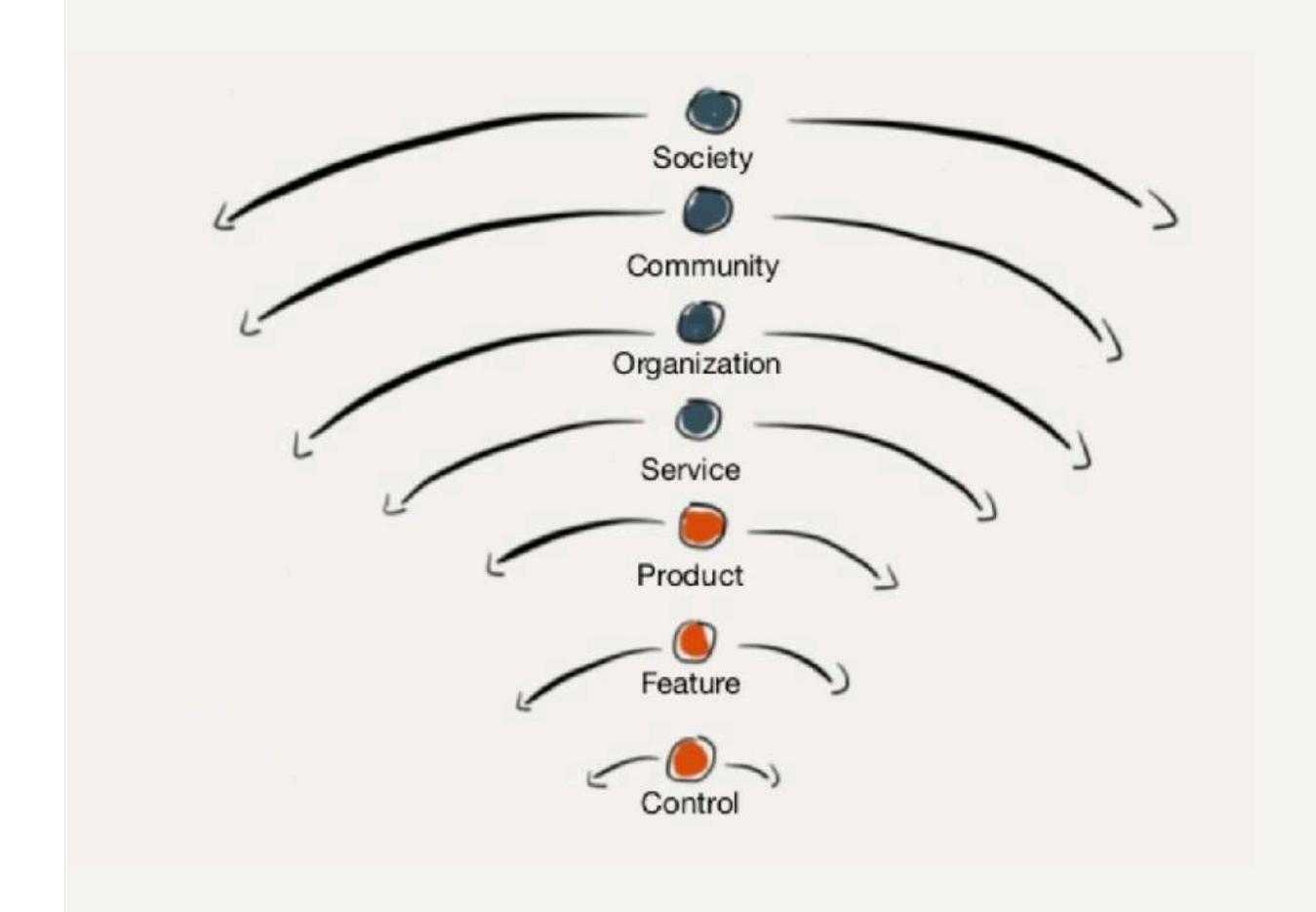


Experience between person and single touchpoint, usually a digital product



Orchestrated experience between all parts of the service, from people to objects to places to interfaces

Level of Zoom of a Service Experience



«The Best User Interface is No user interface»

nointerface.com, Golden Krishna

-UX is not UI

HOW UX WANTS TO BE SEEN

- Field research
- Face to face interviewing
- Creation of user tests
- Gathering and organizing statistics
- Creating personas
- Product design
- Feature writing
- Requirement writing
- Graphic arts
- Interaction design
- Information architecture
- Usability
- Prototyping
- Interface layout
- Interface design
- Visual design
- Taxonomy creation
- Terminology creation
- Copywriting
- Presenting and speaking
- Working tightly with programmers
- Brainstorm coordination
- Design culture evangelism

HOW UX IS TYPICALLY SEEN

- Field research
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- Brainstorm coordination
- Design culture evangelism

«User experience encompasses all aspects of the enduser's interaction with the company, its services, and its products (nngroup.com)».



Nielsen Norman Group

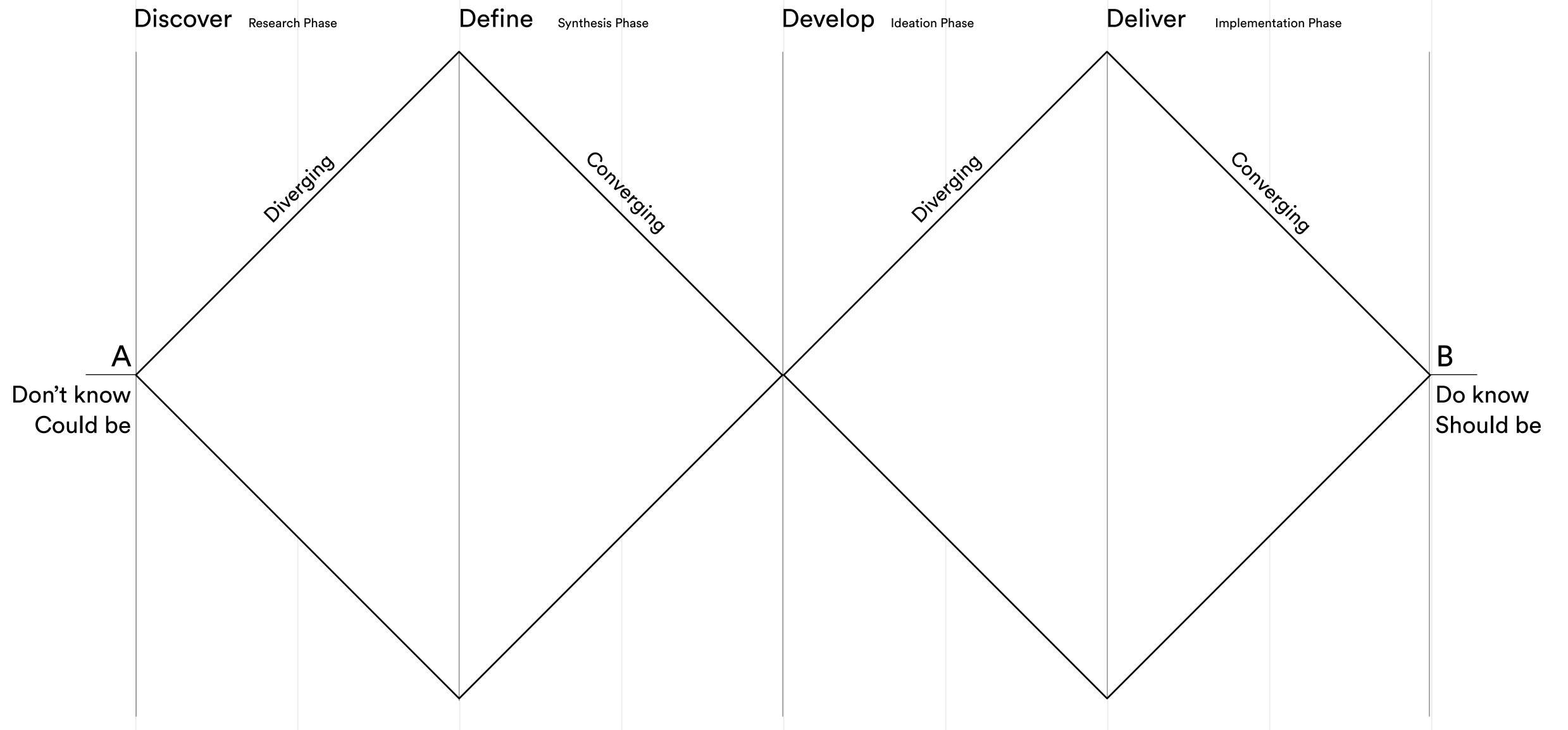
Related terminologies

Human/User Centred Design, User/Customer Experience Design, Design Thinking, Service Design, Inclusive Design, Universal Design, Human Factors/Ergonomics...

Agree on YOUR terminology, and have a common understanding within your organisation and context.

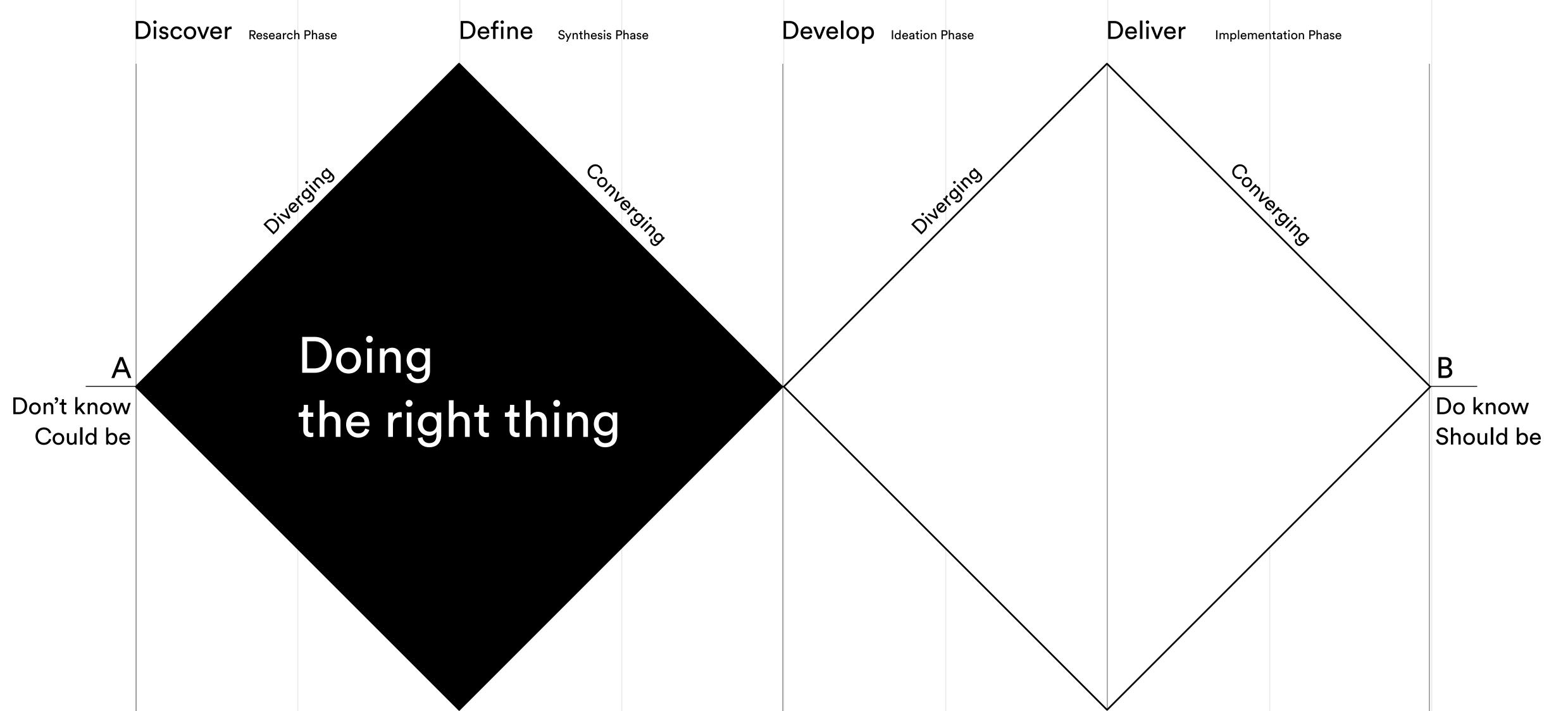
Experience Design Elements & Process

Revamped Double Diamond

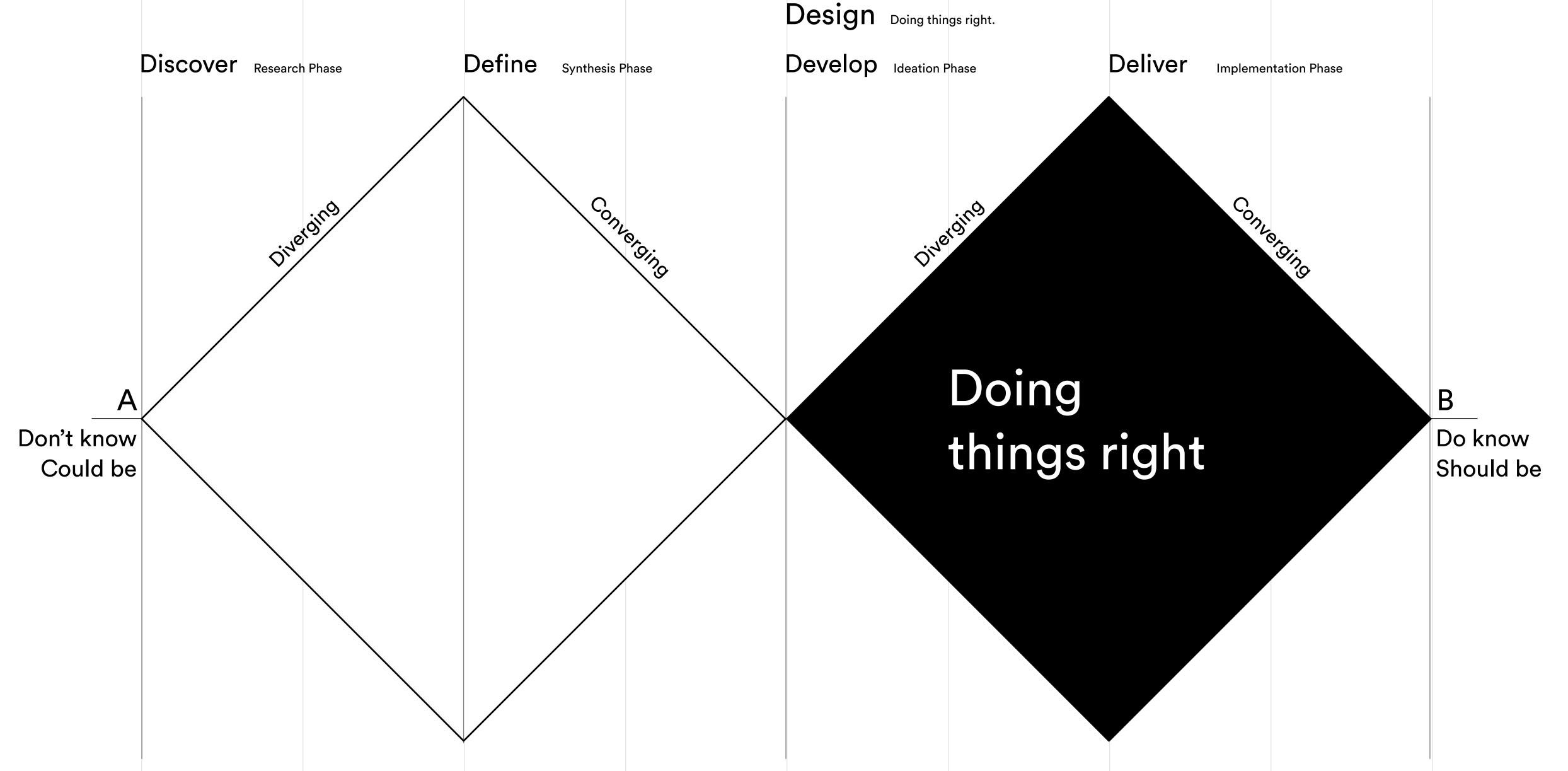


Revamped Double Diamond

Strategy Doing the right thing.



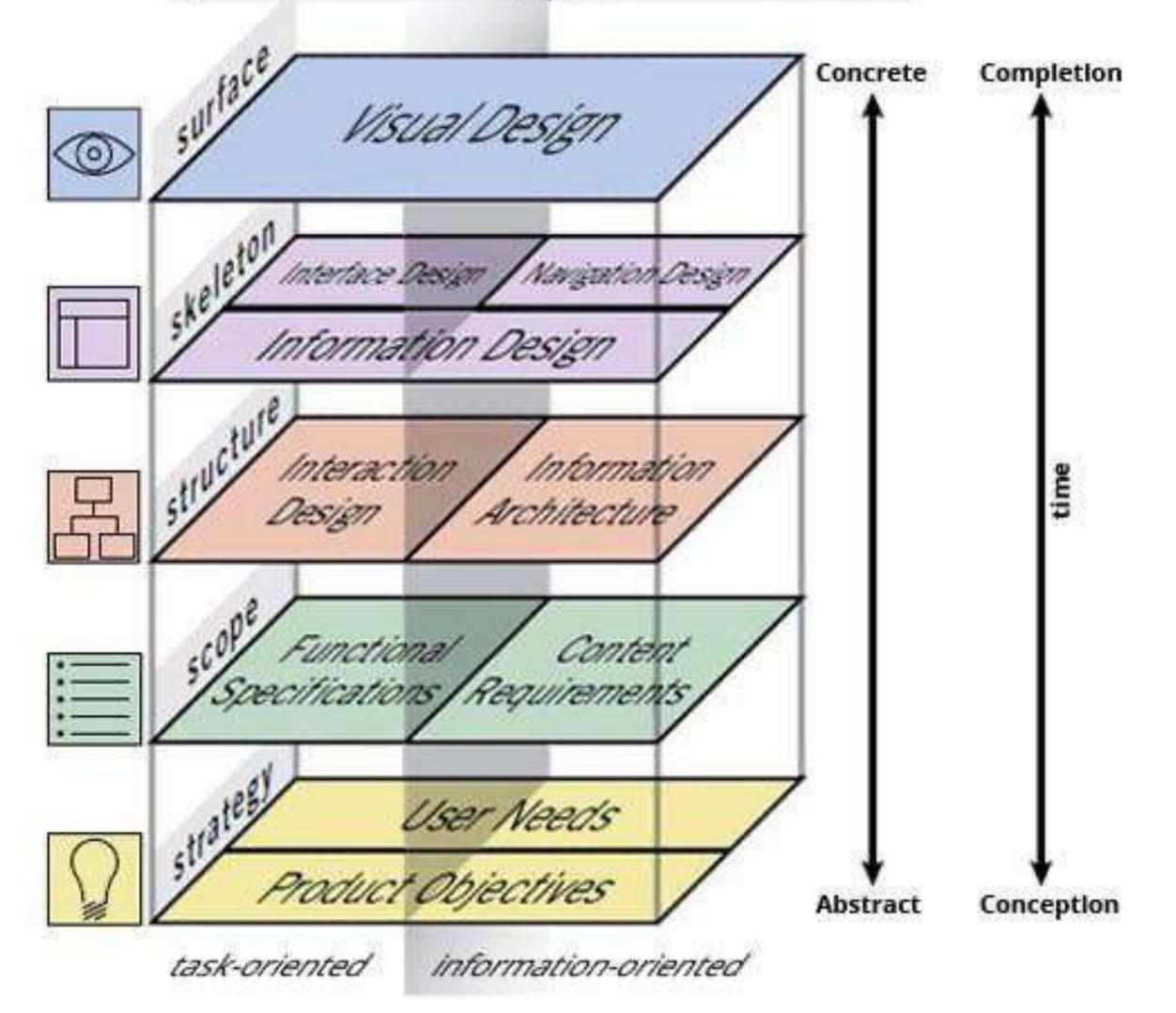
Revamped Double Diamond



Revamped Double Diamond Strategy Doing the right thing. Design Doing things right. Discover Research Phase Define Deliver Develop Ideation Phase Synthesis Phase Implementation Phase Doing Doing B the right thing things right Do know Don't know Could be Should be

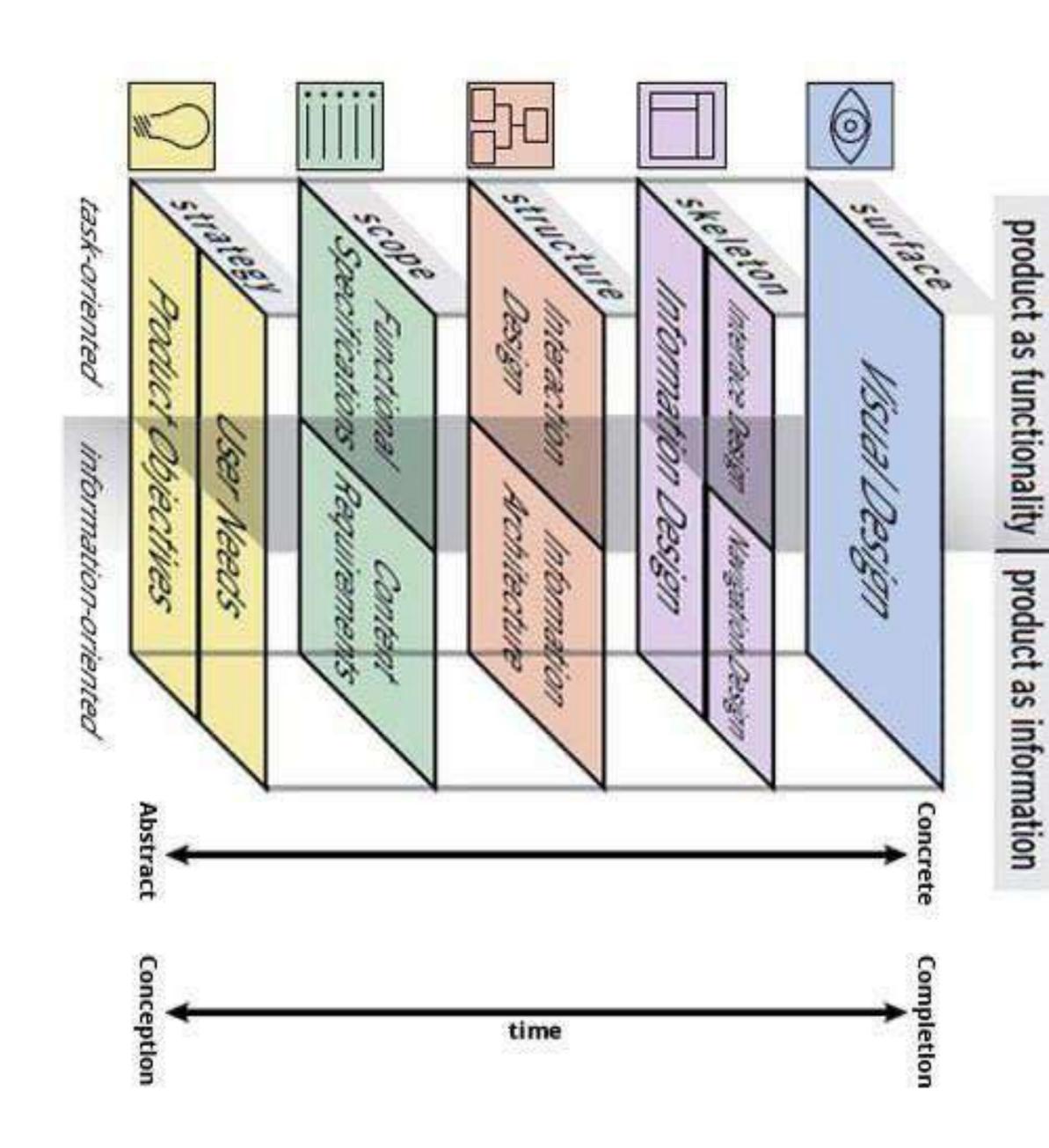
The elements of User Experience

Software Interface Hypertext system product as functionality product as information



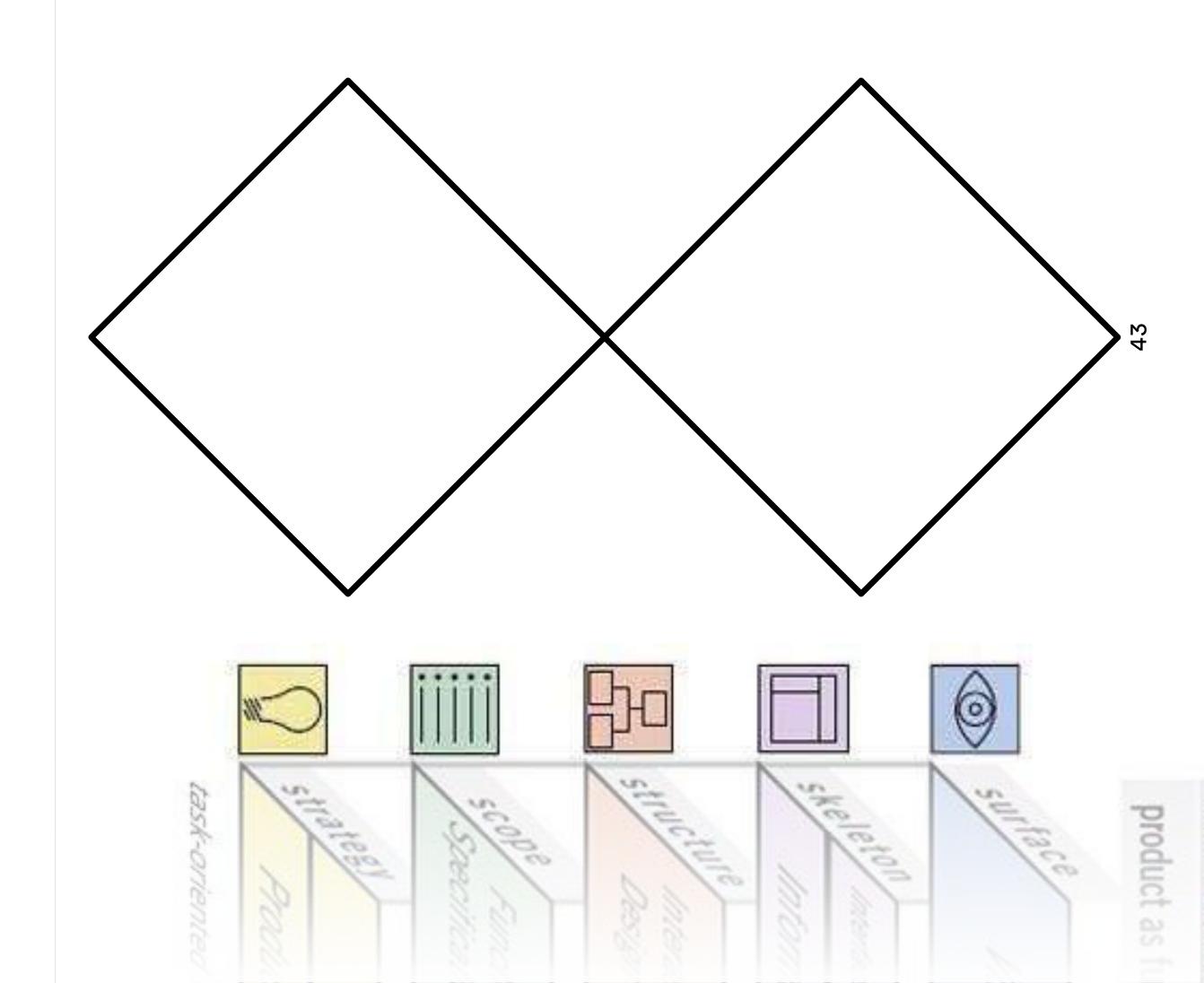
Jesse James Garrett

The elements of User Experience



Jesse James Garrett

The elements of
User Experience meet
the Double Diamond
Design Process.



Story Principles (Intro)

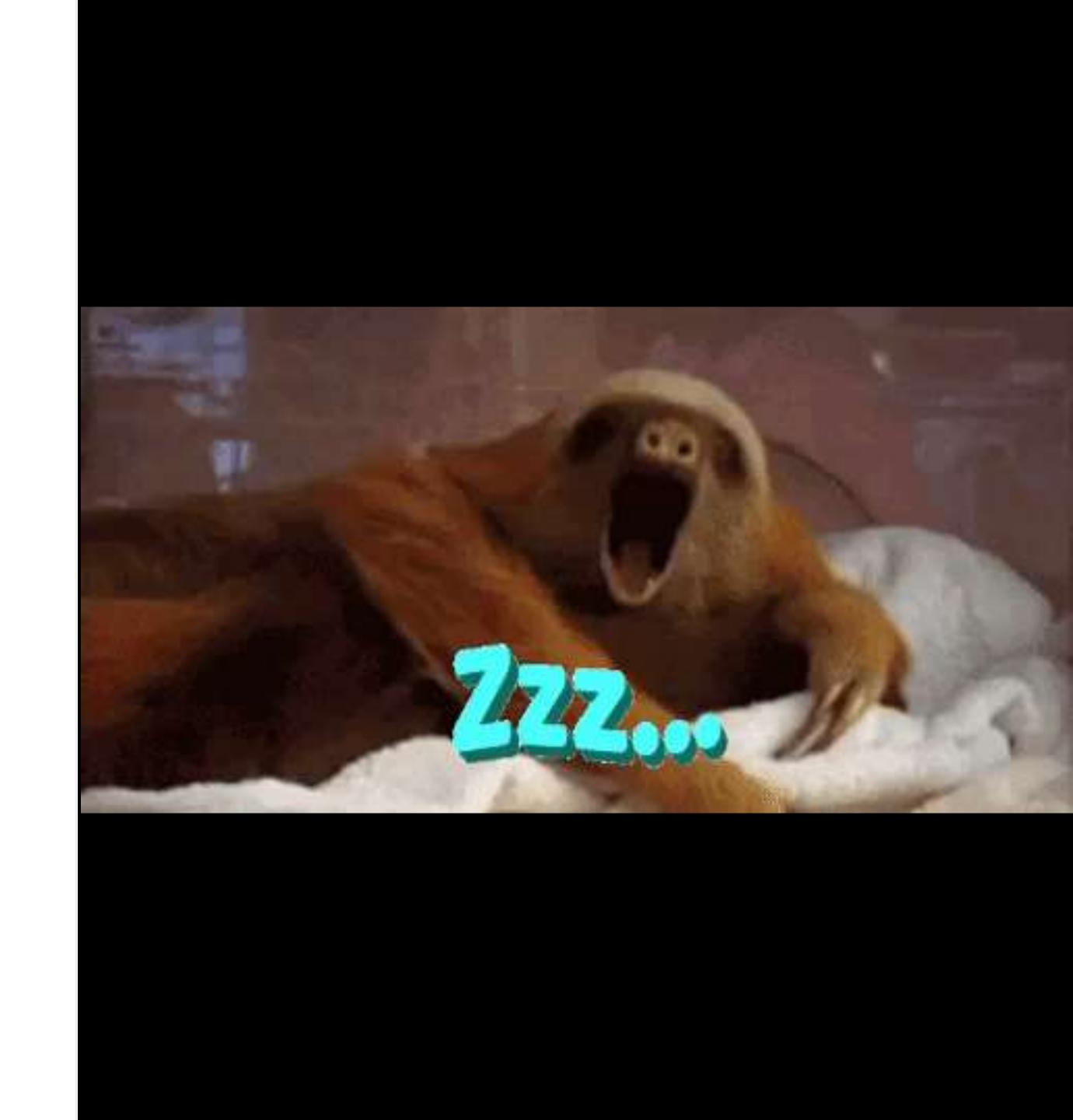
Experience Design Story Principles

Why do we tell stories?

Experience Design Story Principles

We relate to stories when thinking about films, books, instagram, tiktok...

...or when putting kids to bed.



Berlitz



Experience Design

Story Principles

The big players have embraced this fact.

_ 4

UX & Story(telling) Principles The big players



Snapchat Stories (2011)



Youtube Stories/Shorts (2018)



Instagram Stories (2016)



X/Twitter Stories/Fleets (2020)



Whatsapp Stories/Status (2017)



Linkedin Stories (2020)





TikTok – Reel based (2016)

Unlike google,
Chat GPT wraps
its words in «stories»
not in lists.

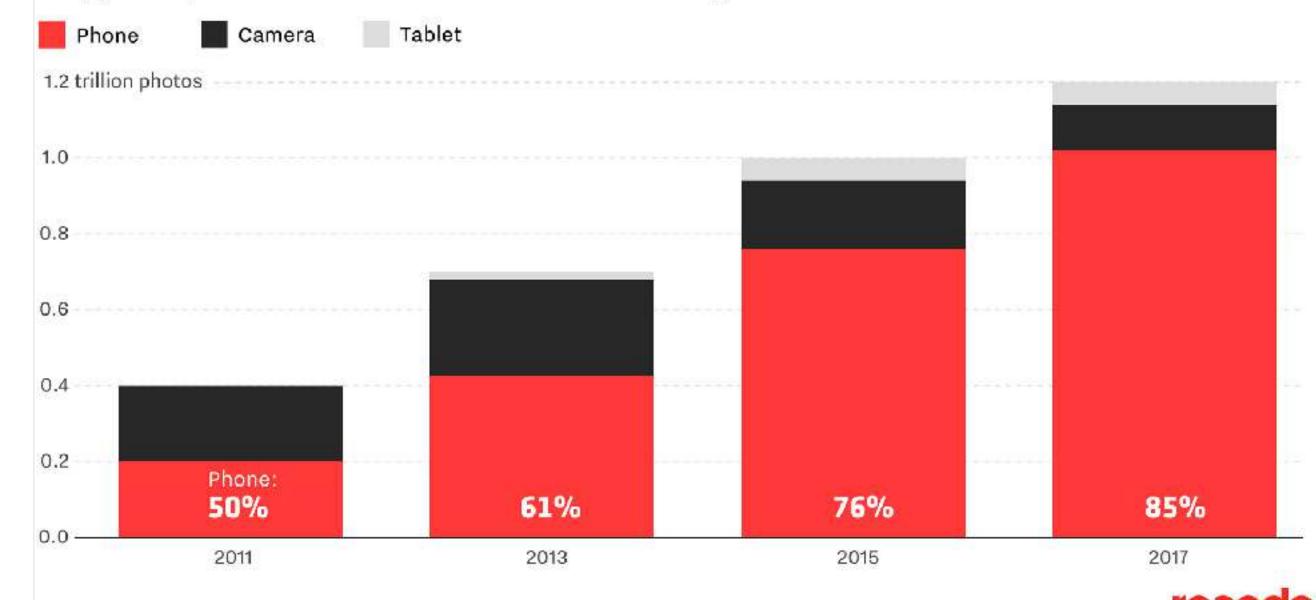


Souvenirs are not about the intellectual, artistic or material value but about the story they tell.



More than a trillion photos taken per year.

Digital photos taken worldwide by device



Source: KeyPoint Intelligence/InfoTrends

More than a trillion photos taken per year.

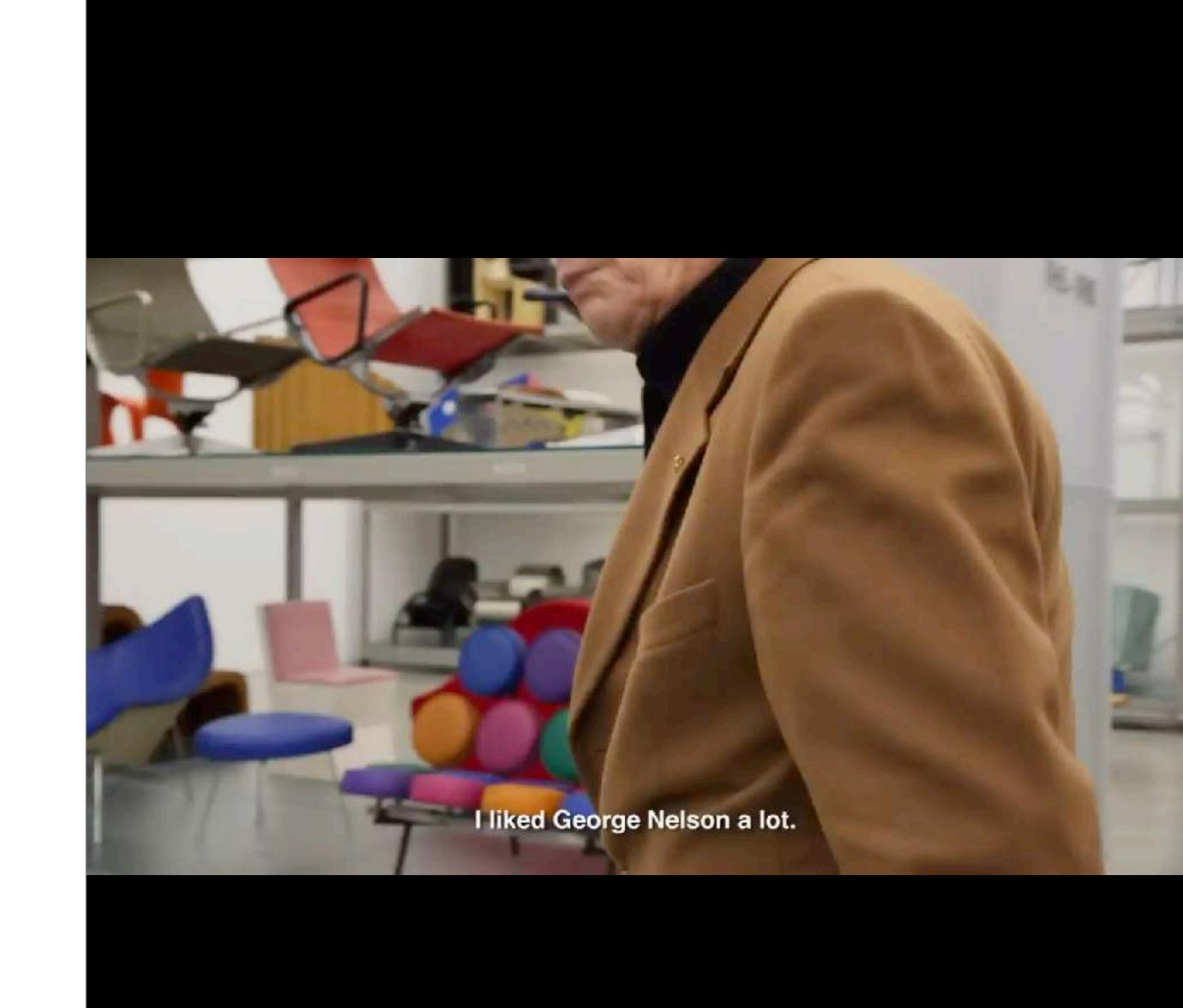


«Banksy painting for NHS charity sells for £14.4m.»



«Stories are how we remember; we tend to forget bullet points».

There is a story to everything people do...



Experience Design Story Principles

Stories appear anywhere and in any shape.

The dark side of stories...

https://www.tiktok.com/@thekiffness



Experience Design Story Principles

How might we apply this knowledge to improve wour» user experience?

Six principles

Experience Design

Designing an experience is like telling a story.

«The basic elements of a story are always the same.»

Petra Sammer



Ú

Experience Design

UX & Story Principles
Elements of a good story & UX



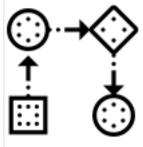
Reason why



Main character



Start with a conflict



Structure



Creation of awareness



Virality

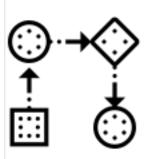
Quelle: https://uxdesign.cc/6-storytelling-principles-to-improve-your-ux-737f0fc34261 Basis: Storytelling – Die Zukunft von PR und Marketing (Petra Sammer, 2017)

Experience Design

UX & Story Principles
Our focus today



Reason why



Structure



Main character



Creation of awareness



Start with a conflict



Virality

1/6 — Reason Why

Experience Design

UX & Story Principles
Our focus today



Reason why



Structure



Main character



Creation of awareness

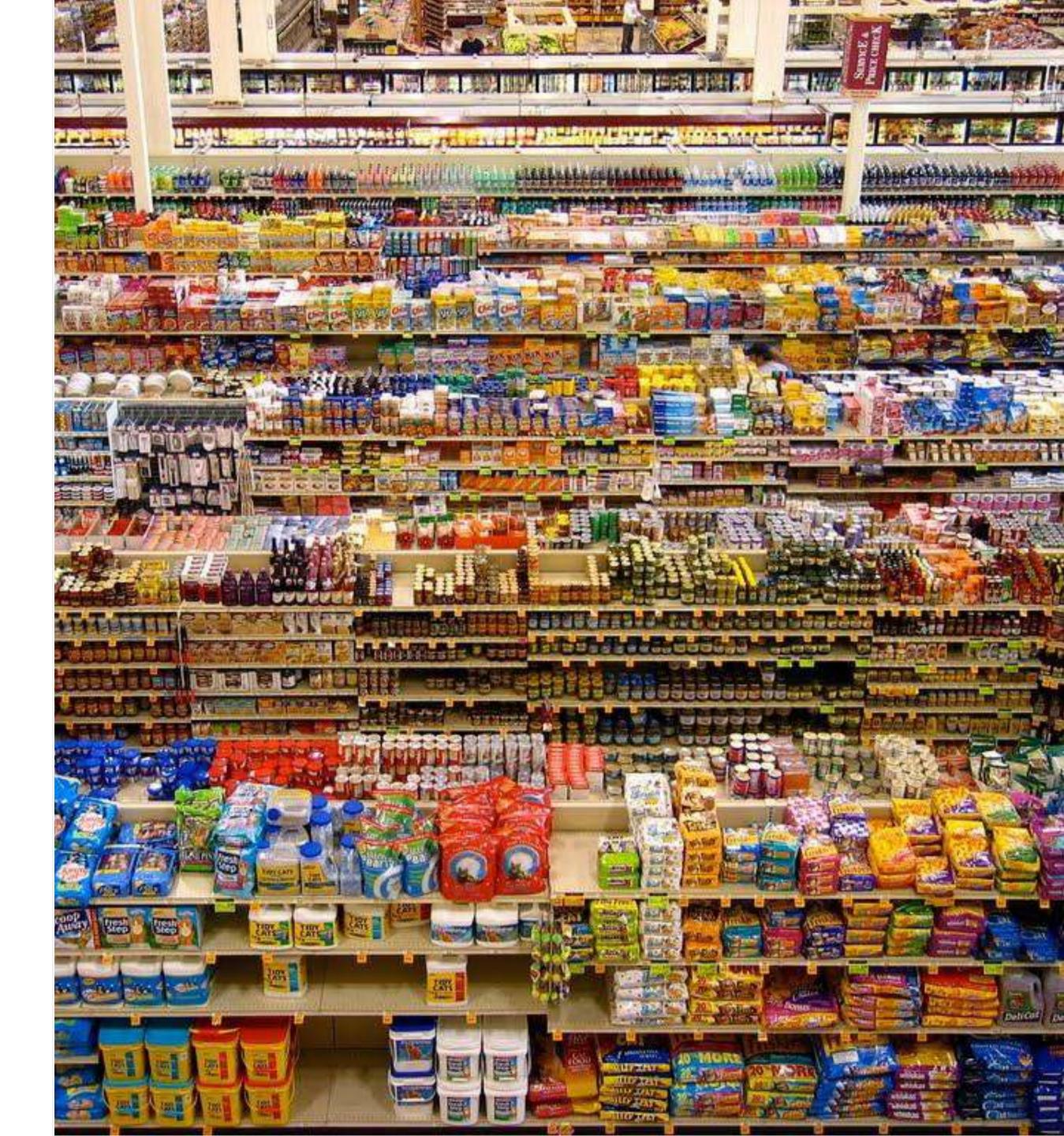


Start with a conflict



Virality

An excessive amount of products and services



Differentiation on a low level



Challenge to find the USP (unique selling proposition)

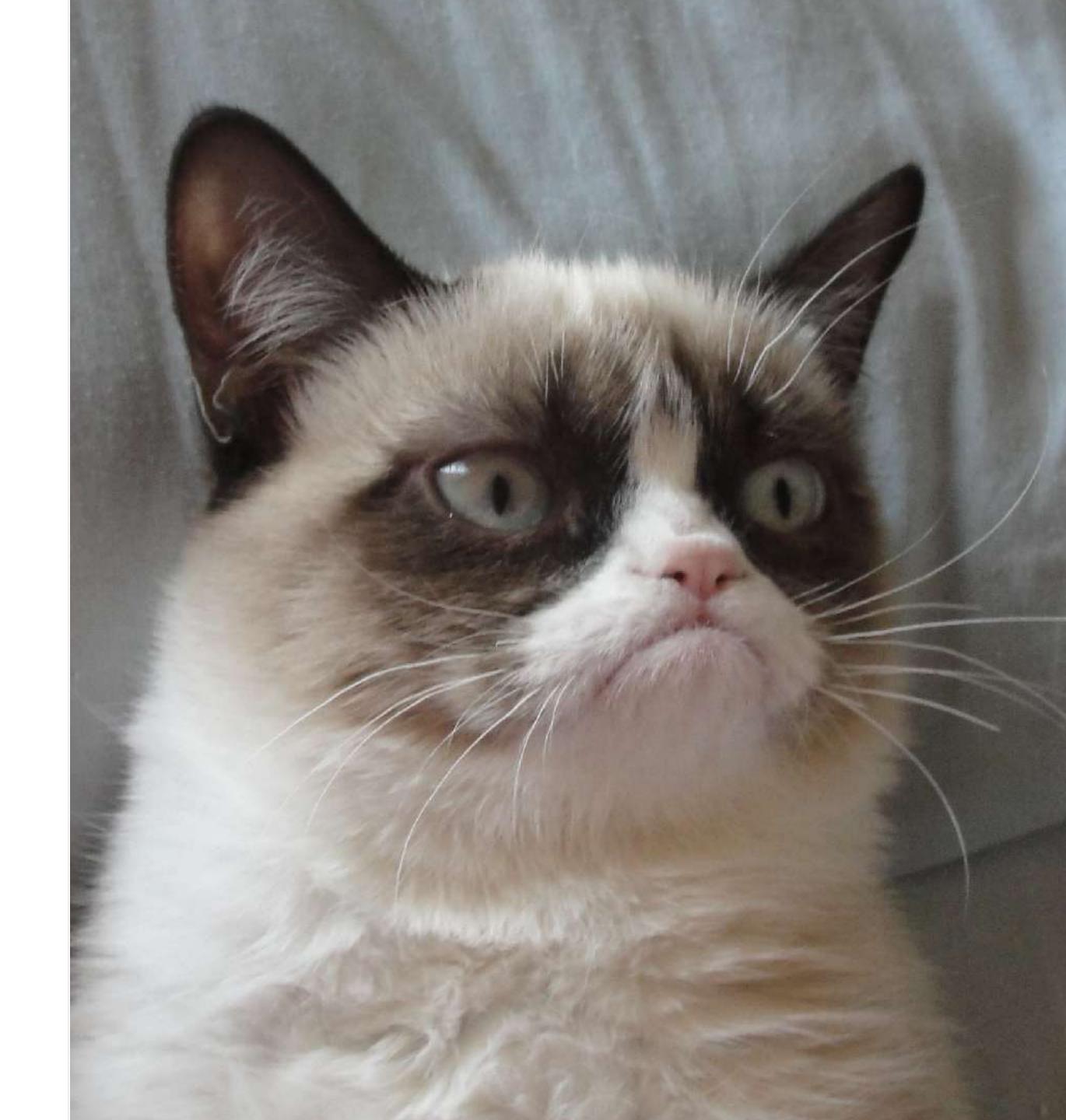


Experience Design

UX & Story Principles
Every story needs a reason

Think of a cat you know from the internet.

Grumpy cat's got a USP because being different makes you special.



R.I.P.







Some days are grumpier than others...

Despite care from top professionals, as well as from her very loving family, Grumpy encountered complications from a recent urinary tract infection that unfortunately became too tough for her to overcome. She passed away peacefully on the morning of Tuesday, May 14, at home in the arms of her mommy, Tabatha.

Besides being our baby and a cherished member of the family, Grumpy Cat has helped millions of people smile all around the world — even when times were tough.

Her spirit will continue to live on through her fans everywhere.

Grumpy's Family — Tabatha, Bryan, and Chyrstal



2:00 am - 17 May 2019

143,271 Retweets 459,176 Likes











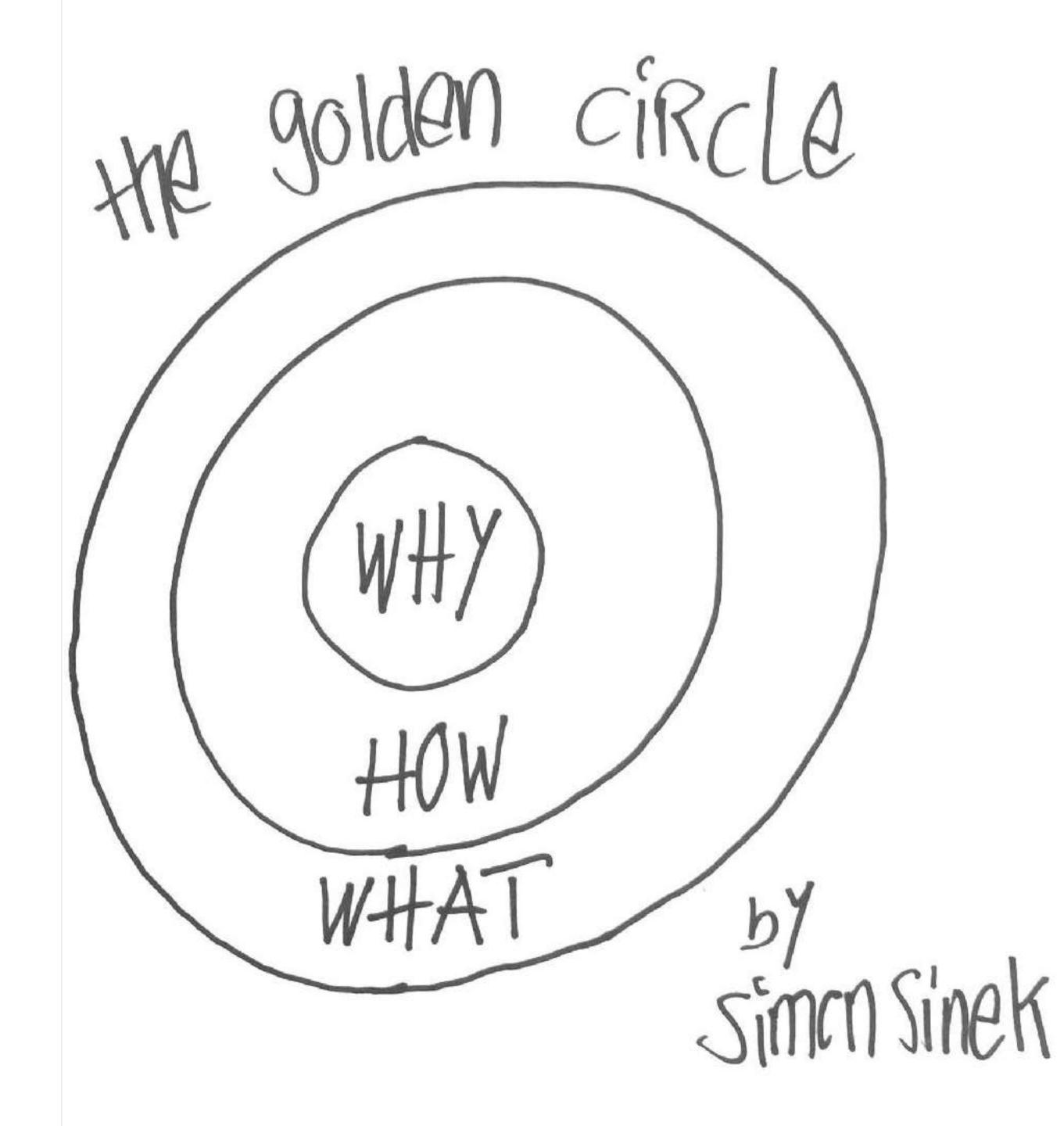




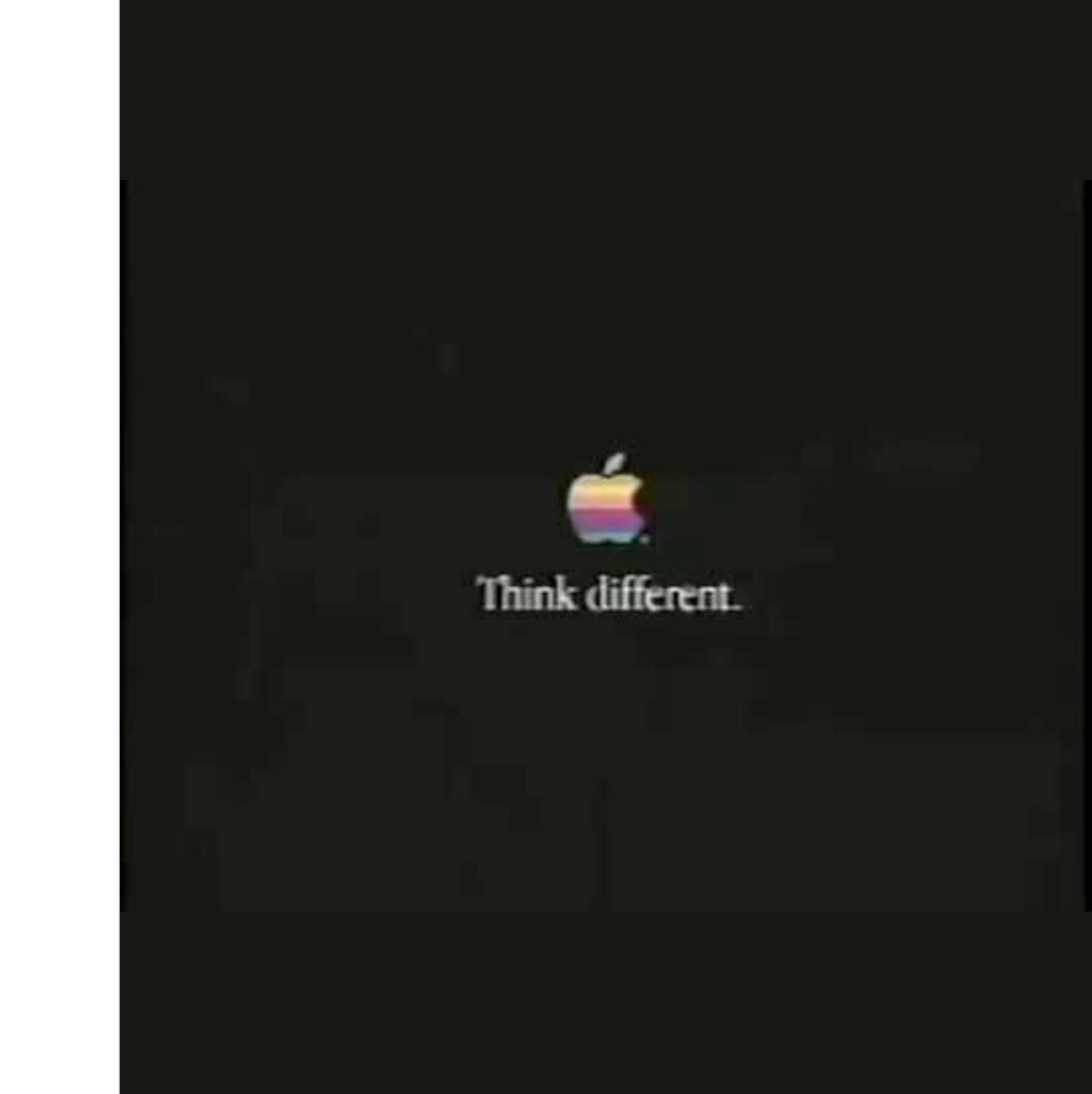
«People don't buy what you do; they buy why you do it.»



START WITH WHY



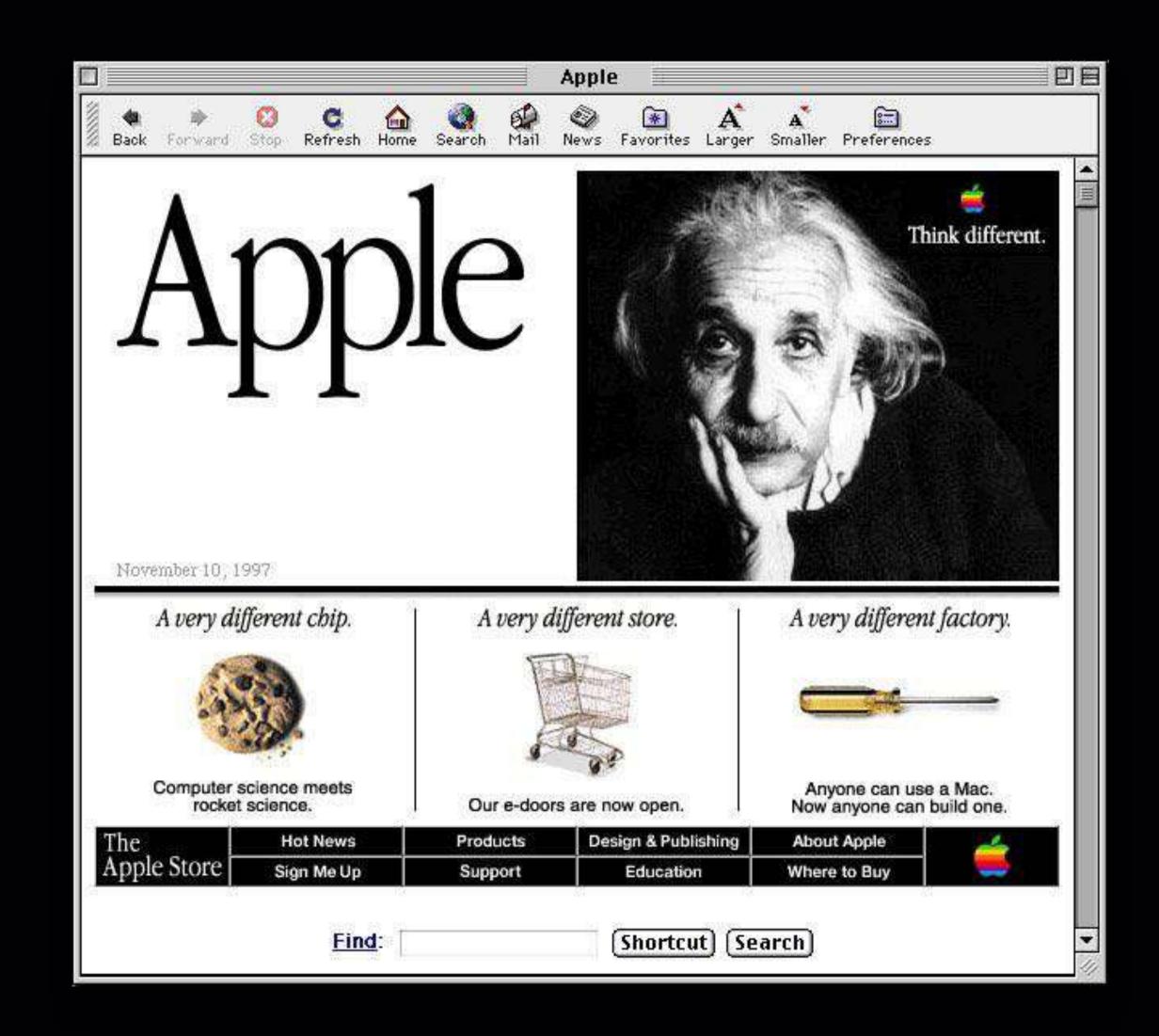
Apple – Think Different 1997



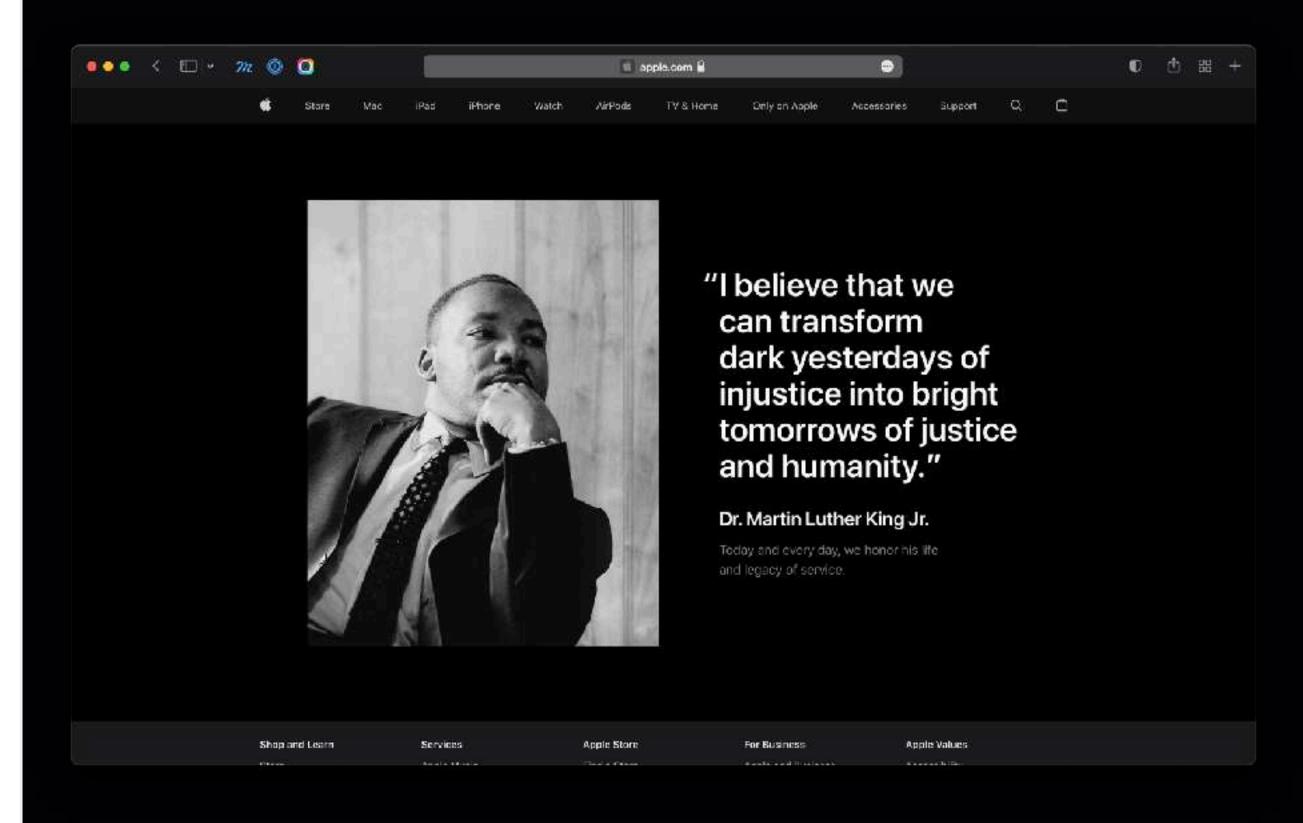
Apple – Think Different 1997 (behind the scenes)



Apple – Think Different 1997 (behind the scenes)

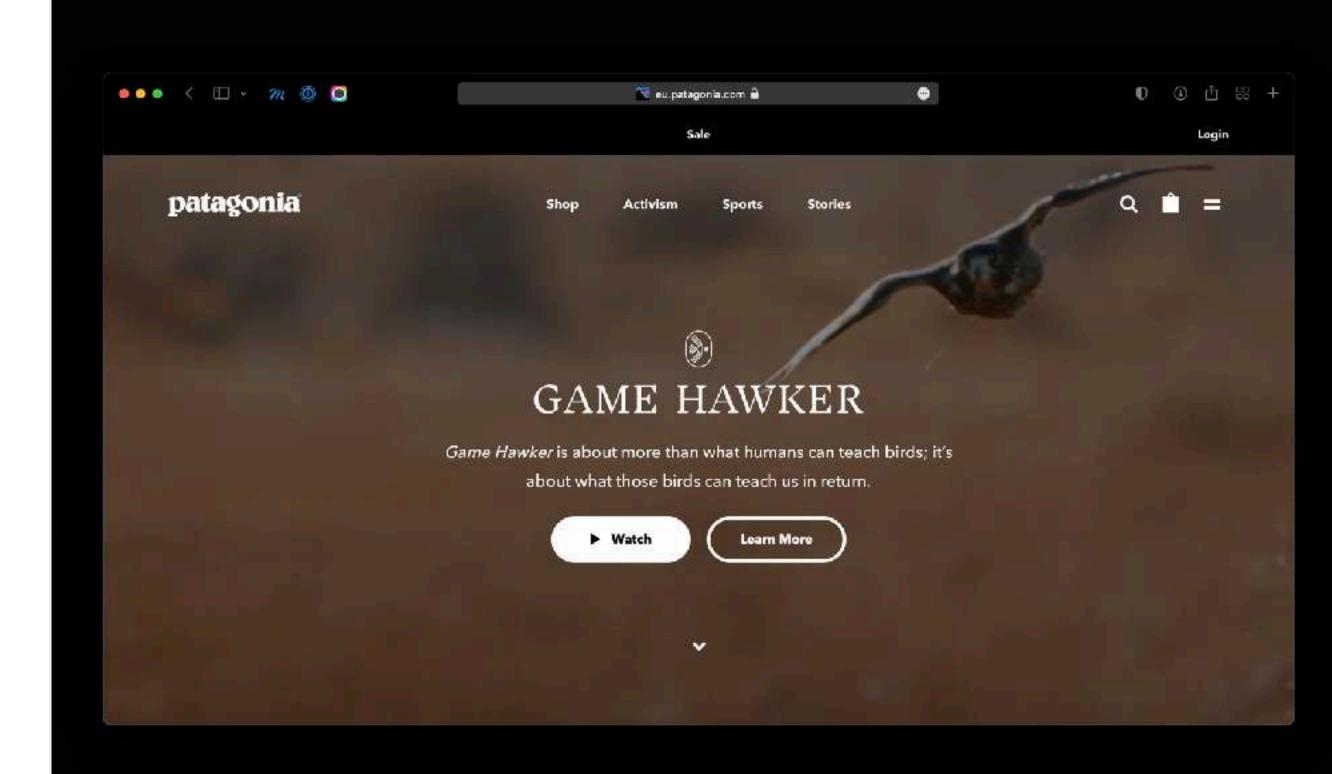


Apple Today

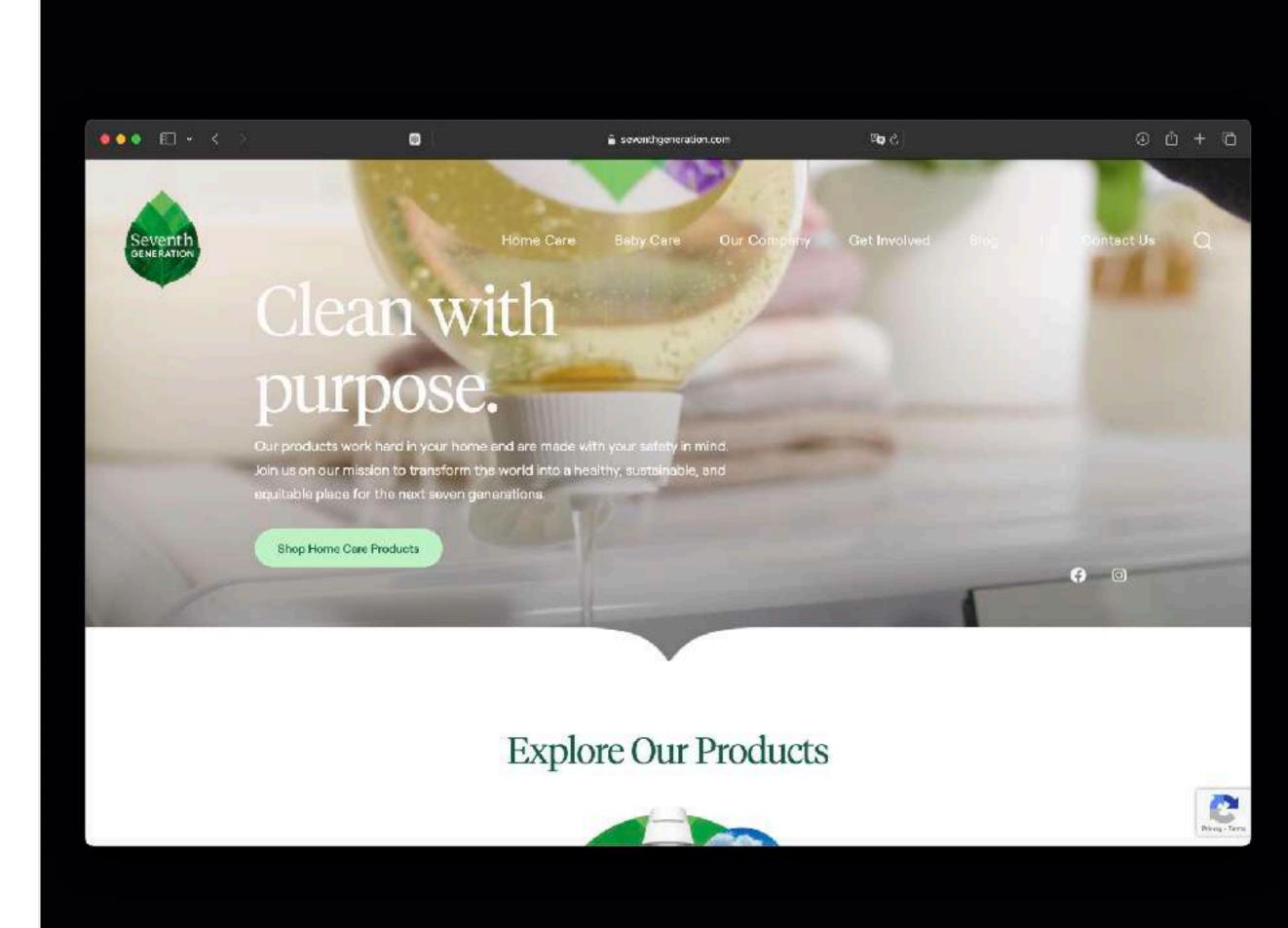


Patagonia

«We are in business to save our planet»



Seventh Generation «Clean with purpose»



Who am lanyway to tell you all of this?



I believe great experiences come down to joy.

So, sparking joy is my driving force in all I do.



Just my friend feeding a racoon.

Currently

Self-employed: I do strategy & design, coach and lecture between beaches and deserts.



Currently

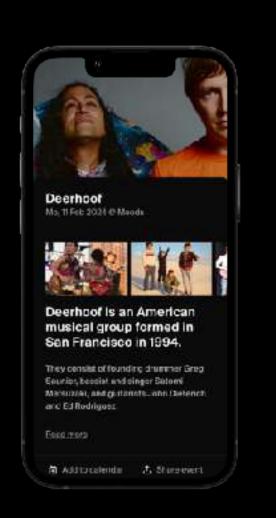
Building a «music first» concert & festival discovery platform to support live music culture in Switzerland.



sooon.live (platform to be public sooon)







Recently Design Director

Built up & led a design team at newly founded Swipe Studio Zurich branch (2021-2023).

Accenture Song

Global #1 in IT Services

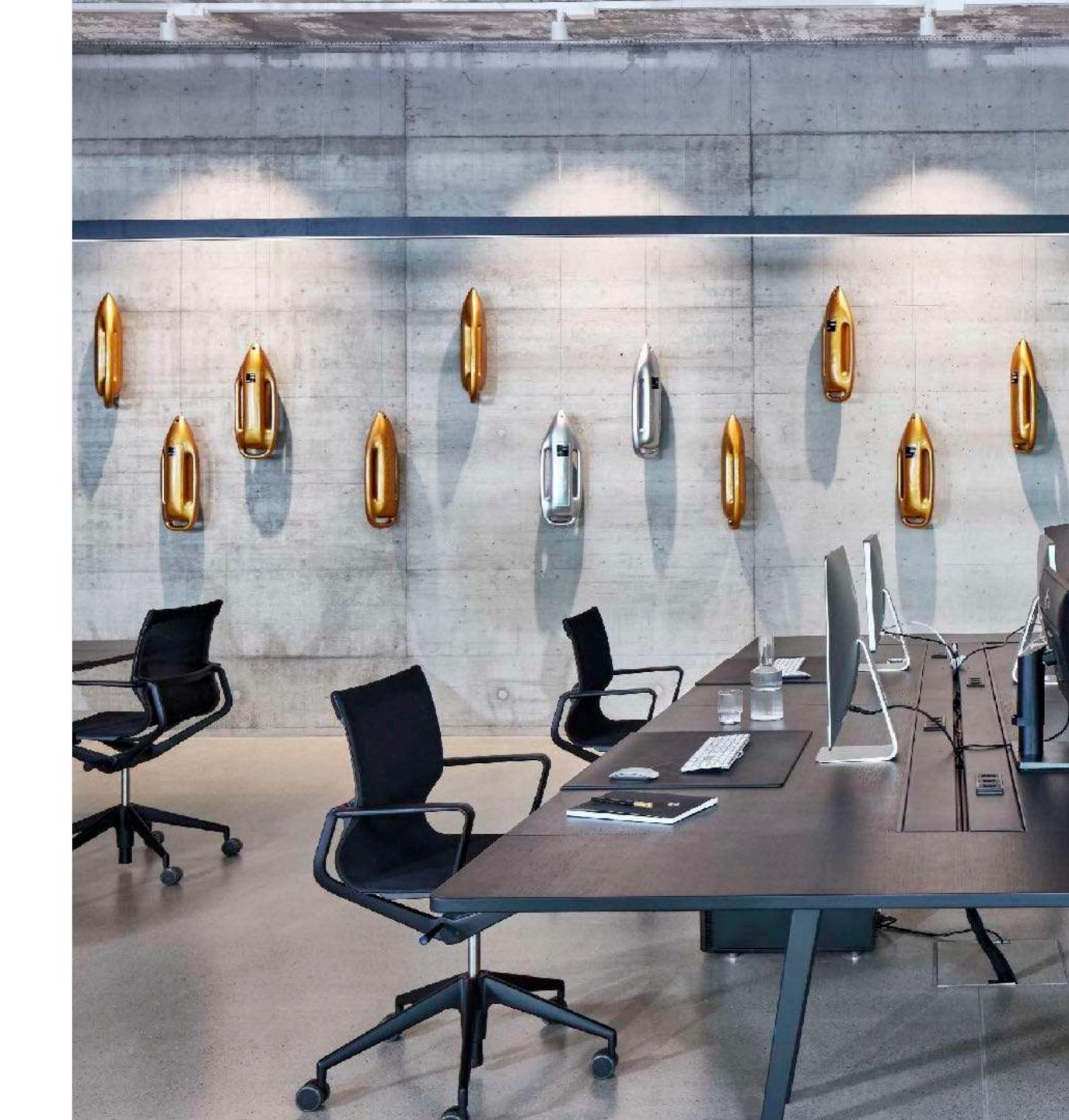


Recently Head of UX

Led UX & introduced user centred frameworks and processes (2016-2021).



BOSW #1 Digital Agency



Self-proclaimed and not quite but almost 6 best selling author & blogger.



500K+ Views, Reads & Shares

Dan Nessler

Edit profile

Head Of UX Design @hvzh | Lecturer @hkb_MAComDes @fhhwz @zhdk | MA in #dxd @HyperIsland | formerly w/ @scholzfriendsCH @JvM_Limmat



Medium member since January 2018 · Editor of Digital Experience Design and Hinderling Volkart

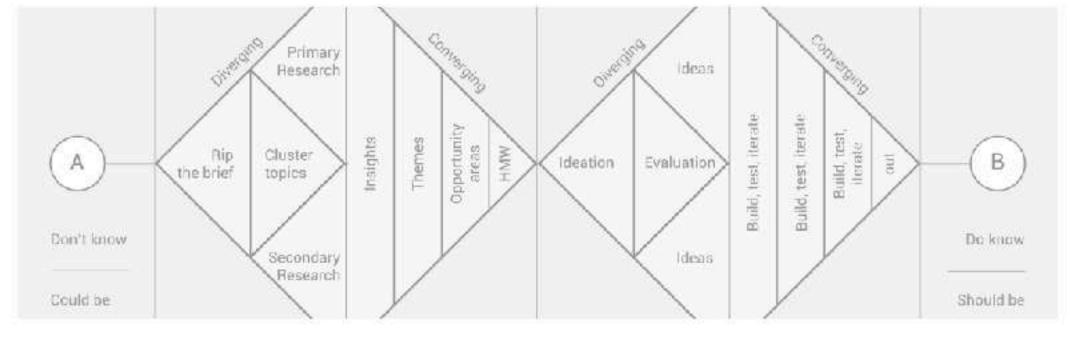
259 Following 8.1K Followers • 🦋

Profile Claps Highlights Responses

Featured

14.2K





Lecturer & occasional Keynote speaker.

Alongside various speaker and lecturer assignments, I started and ran Hyper Island's first official leadership workshop series in Switzerland between 2018 & 2021.











and more...

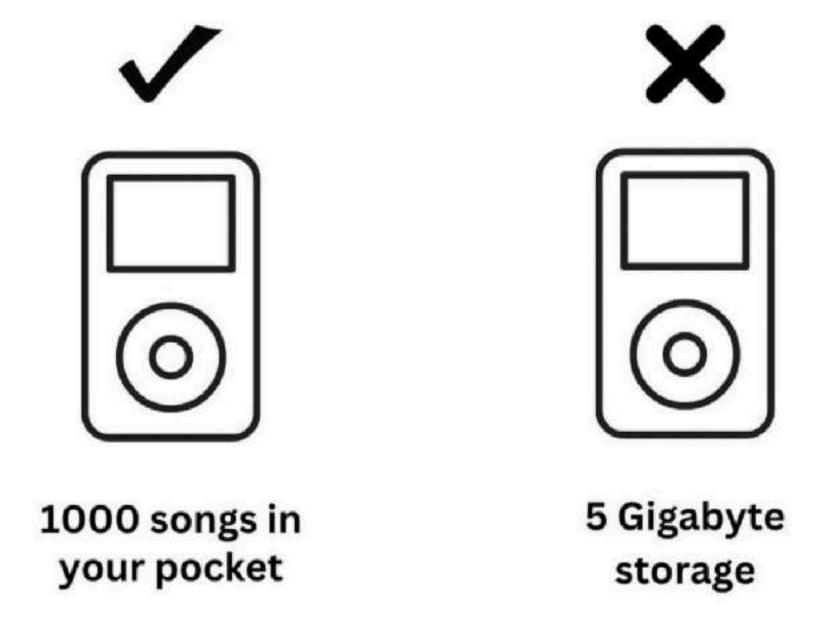


How to find «your» WHY



Ask WHY applying the «5 WHY method»

Apple What vs. Why



https://www.tiktok.com/@culturedetective

«Find something that gets you excited... purpose is also a tool.»



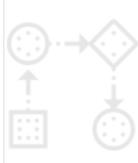
2/6 – Main character (persona)

Experience Design

UX & Story Principles
Elements of a good story & UX



Reason why



Structure



Main character



Creation of awareness



Start with a conflict

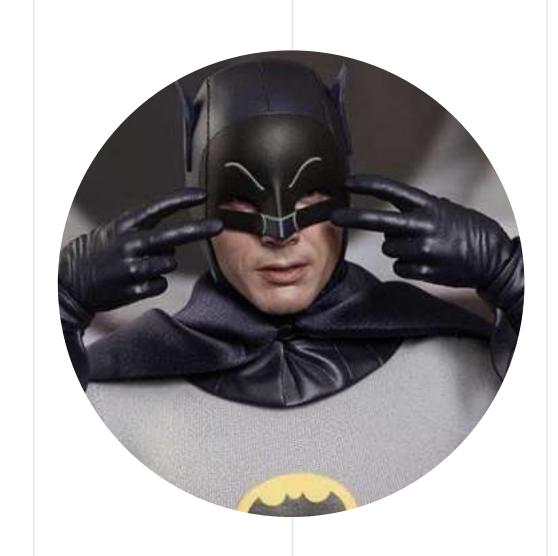


Virality

Every story needs a hero.



Experience Design



hero



friend & fellow



mentor & enabler



antagonist & villain

Your User is the Hero.

Don't make yourself, your business or your product the hero.



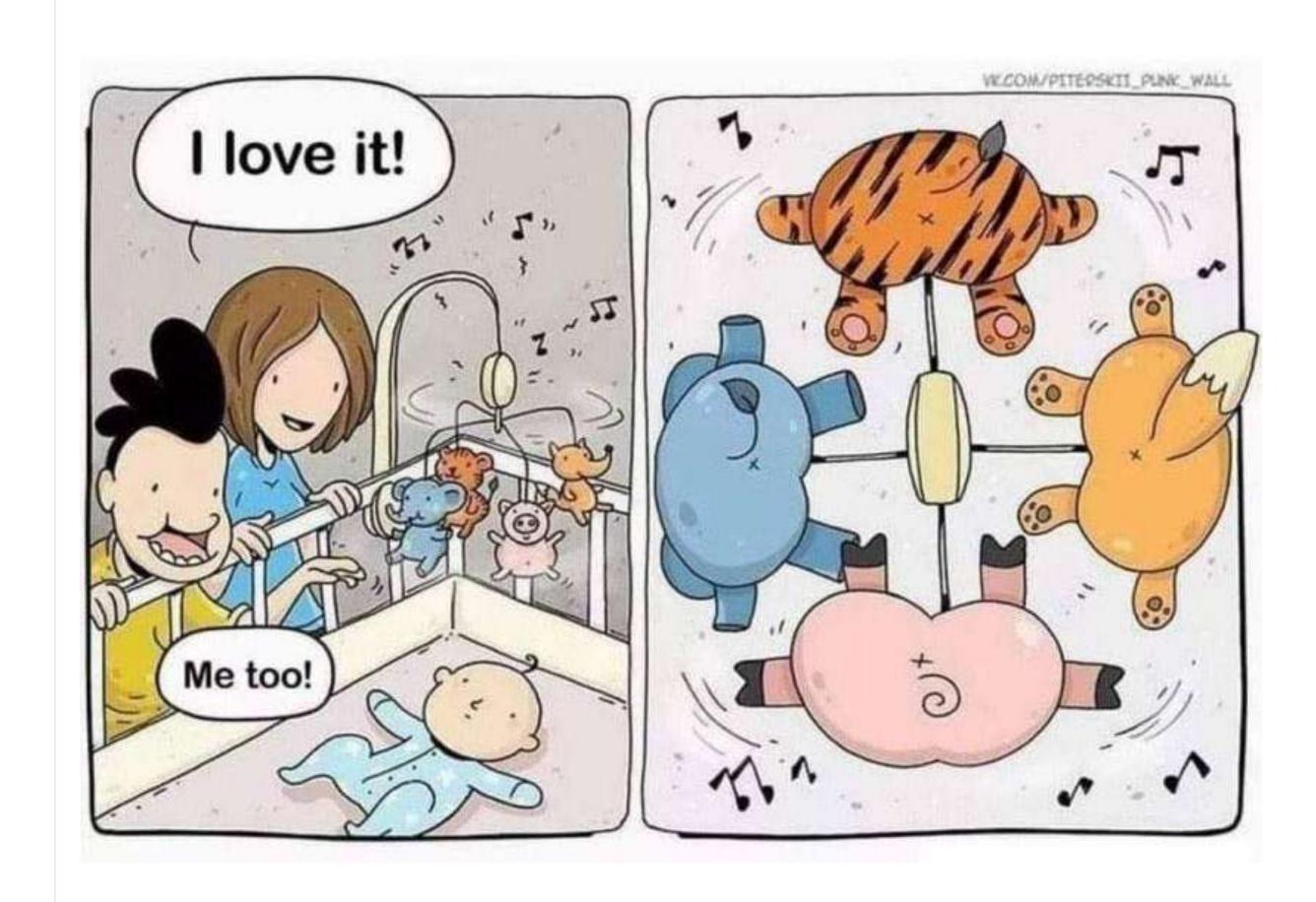
In product & experience design and in business we also refer to our «hero» as the PERSONA.

A persona is a representation of a type of customer. Personas answer the question, «Who are we designing our services & products for?» and they help to align strategy and goals to specific user groups.

I'm looking for a man in

There is something wrong with this...

What else is the problem here?



Experience Design

Marketing/Sales/Buyer Persona

- Focus on Marketing and Sales
- Based on sociodemographic data*
- Obtained through quantitative research*
- Buyers might not be end users of a product (e.g. Kid's Toys, B2B products)

UX Personas

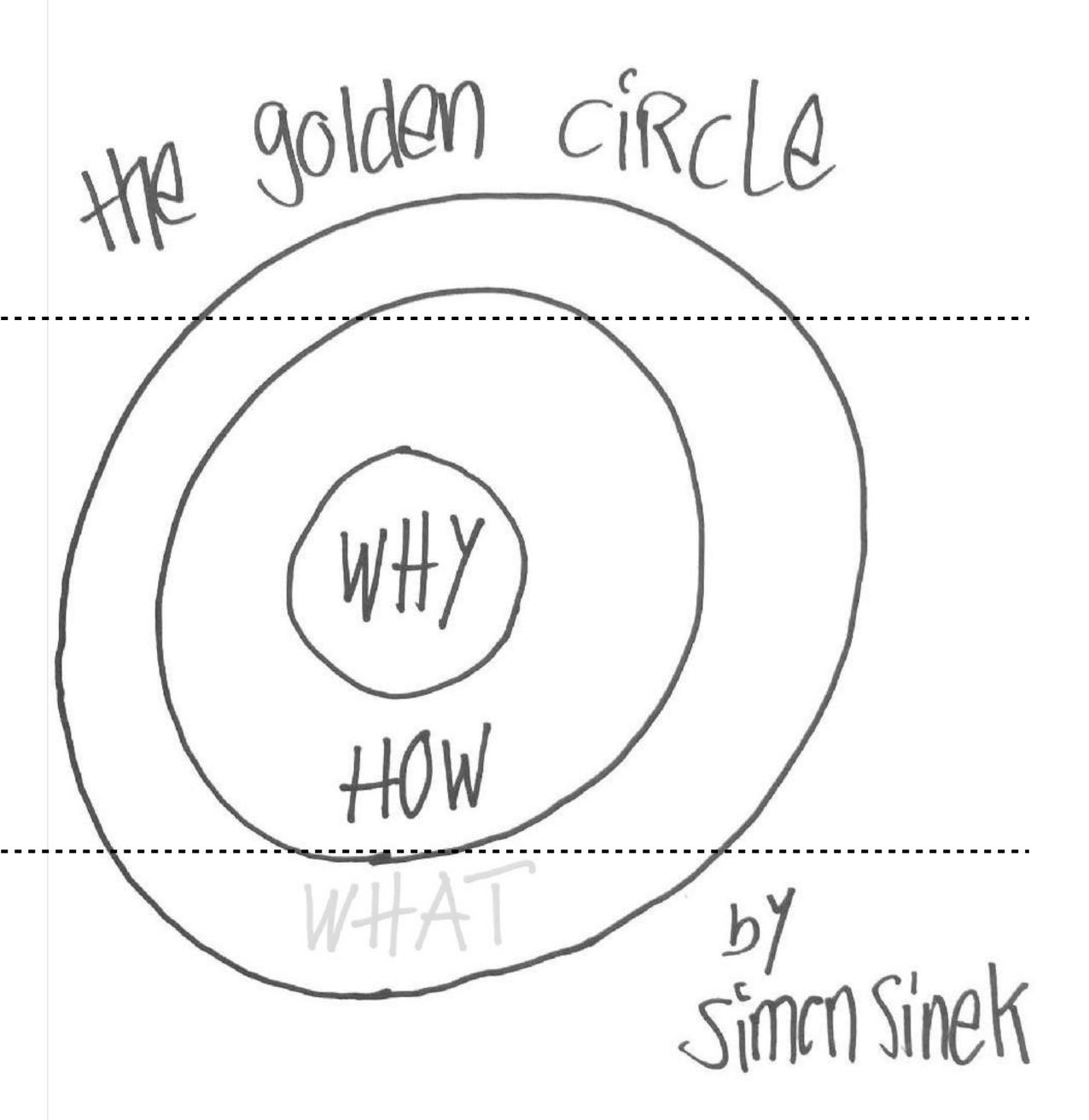
- Focus on holistic customer relationship
- Based on behavioural data*
- Obtained through qualitative research*
- End users might not necessarily people that buy your product

^{*} Ideally, we can combine data sources to enrich the accuracy and thus the value of a persona.

Marketing/Sales/Buyer Personas

UX Personas

Marketing/Sales/Buyer Personas



One and the same...?



«Core Job to be done or core user need statement»

When I am... (Situation)

I want to... (Action)

so that I... (Goal)

Persona/User Name

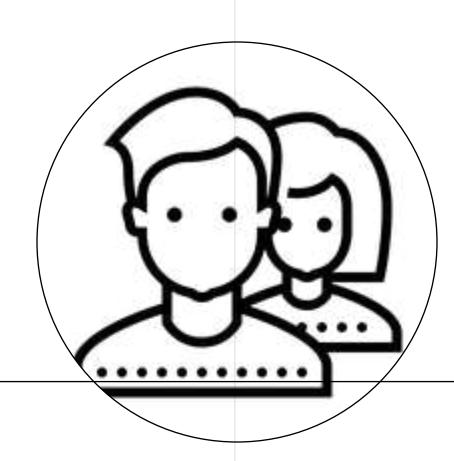
Descriptive Persona/User Title



7

Persona / User Name

«JTBD»



Descriptive Persona / User title

«Core user statement»

Characteristics

- General statements regarding his or her activities and behaviour

Pains

- XXX

Attitude towards «xxx»

- General statements regarding attitude towards the industry of the client (e.g. flying, shopping, transportation etc.)

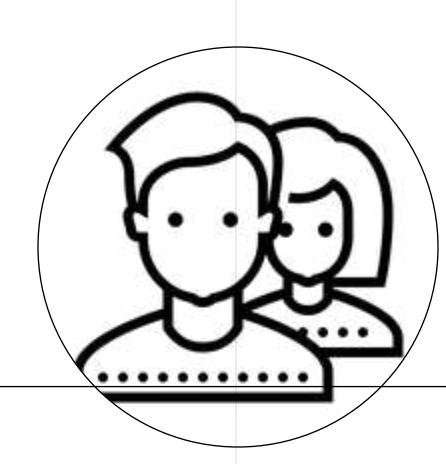
Gains

- XXX

$\overline{\alpha}$

Persona / User Name





Descriptive Persona / User title

«Core user statement»

Why/life goals

- Statement towards the goals a user is striving towards in his or her life

What goals (use cases / JTBD / needs)

- Statements regarding activities use cases in relation to the clients product he or her carries out or needs

How goals (values)

- Statements about values he or her lives by and follows in order to reach the life goals

Demographics

- Any available & relevant demographics

Experience Design

At the beginning of a project or with little knowledge, you might create an assumption based «Proto Persona» (prototype of a persona) building up on existing or knowledge from other sources than your actual users.

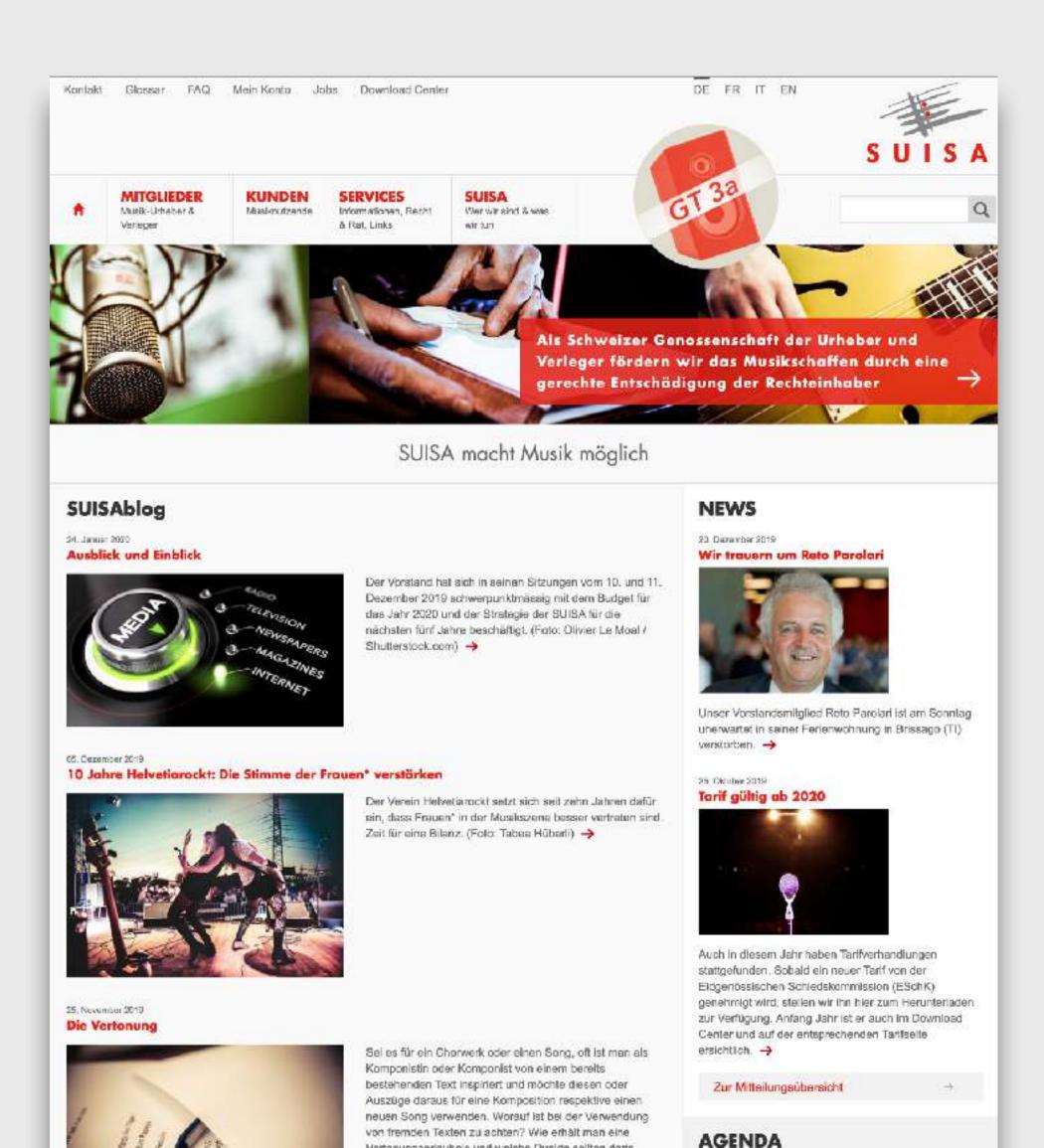
«Invest twice.
In you & the environment.»

Swipe / Accenture Song 4 Swiss Life – Pando BOSA Gold for Business Impact, 2022 BOSA Silver for Design, 2022 App discontinued in 2023



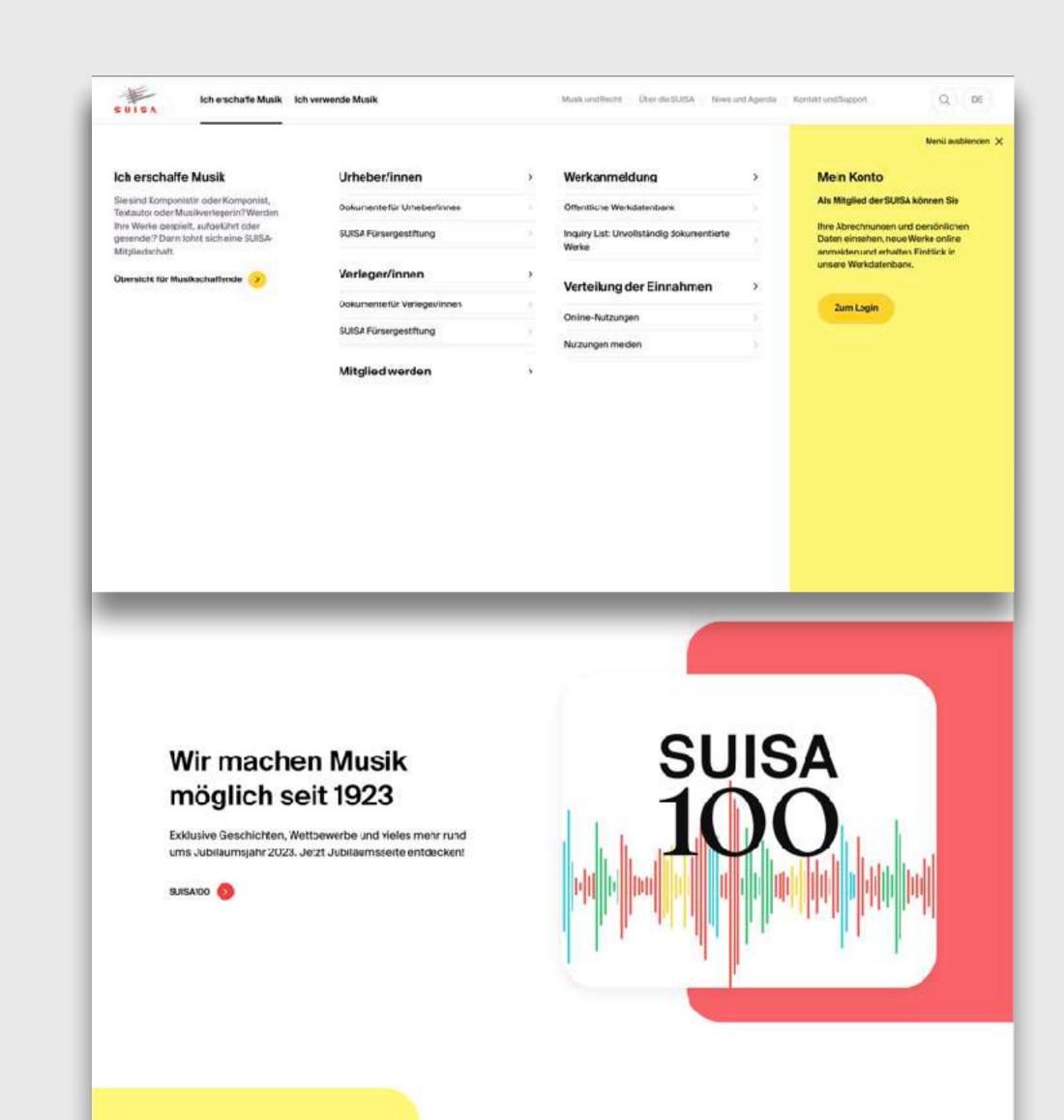
From:

SUISA makes music possible.



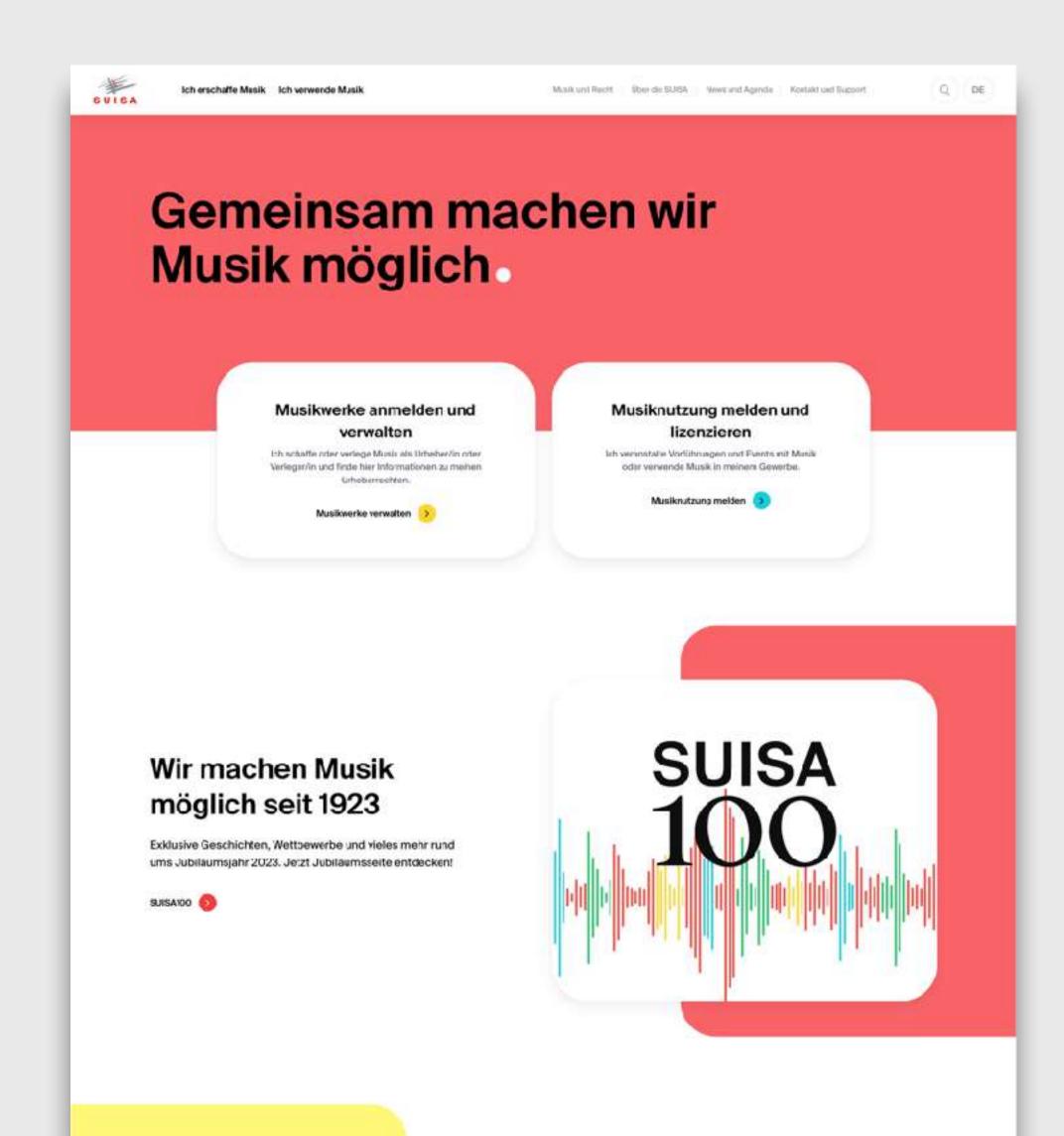
To:

Together we enable music.



To:

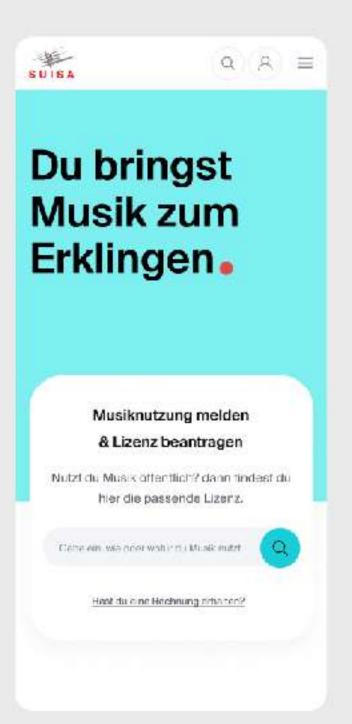
Together we enable music.



To:

Together we enable music.







3/6 – Start with a conflict (problem)

Experience Design

UX & Story Principles
Elements of a good story & UX



Reason why



Structure



Main character



Creation of awareness



Start with a conflict



Virality

STORY

- = Hero
- + Dilemma
- + Attempt at liberation

(Jonathan Gottschall)



Olaf the hamster



How many designers does it take to change a lightbulb?



Does it need to be a lightbulb?

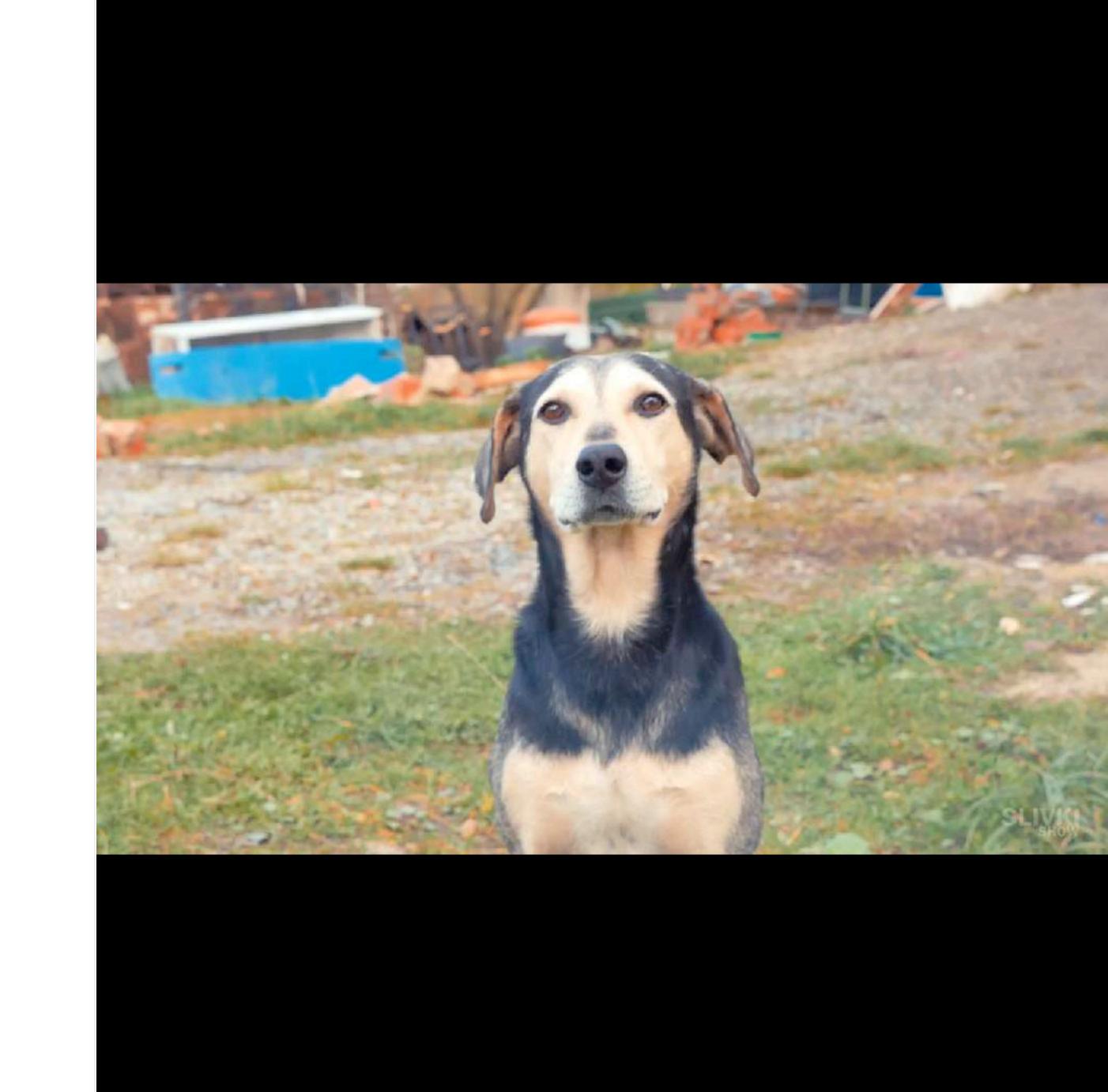


One more:

How many psychologists § does it take to change a lightbulb?

From finding the right problem to resolving it in the right way.

11 Life Hacks by «the Slivki Show».



UX & Story(telling) Principles

Your User Persona – JTBD (Job to be done)
Who are you doing it for and what do they need?

«When I {Situation}...

I {need}...

so that I {goal}...

{Name} {short description}

«Core Job to be done or core user need statement»

Persona/User Name

Descriptive Persona/User Title



An app to break the infection chain in 14d.

Swipe / Accenture Song 4 Austrian Red Cross Contact Tracing APIs for Google & Apple



Just trying to get a free coffee to cure my caffeine addiction ...

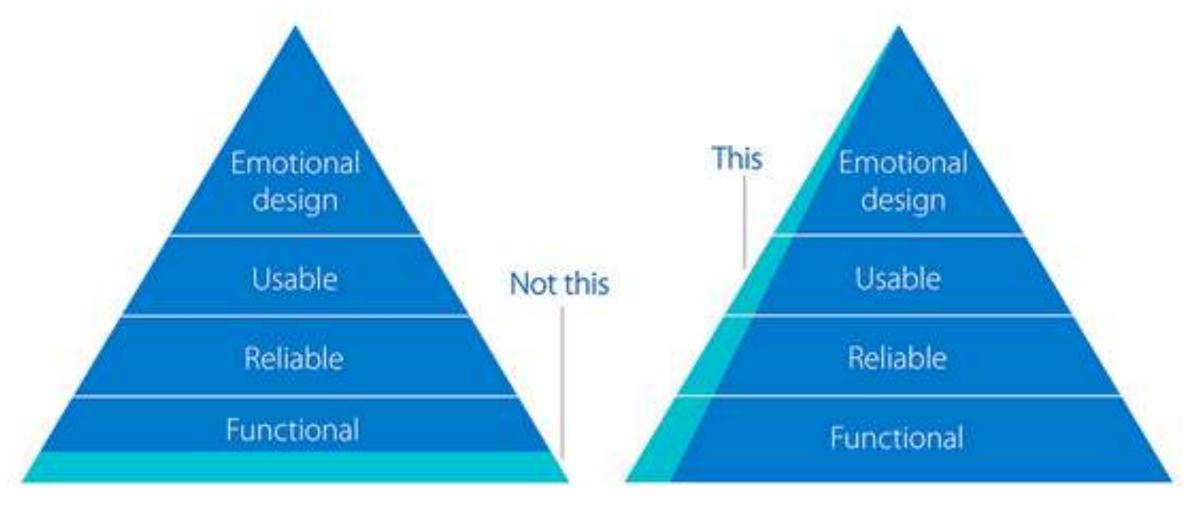


Single-/ Micro-purpose apps focusing on one specific task or problem.



Prioritisation in your process e.g. building a MVP (Minimum viable product).

Minimum Viable Product

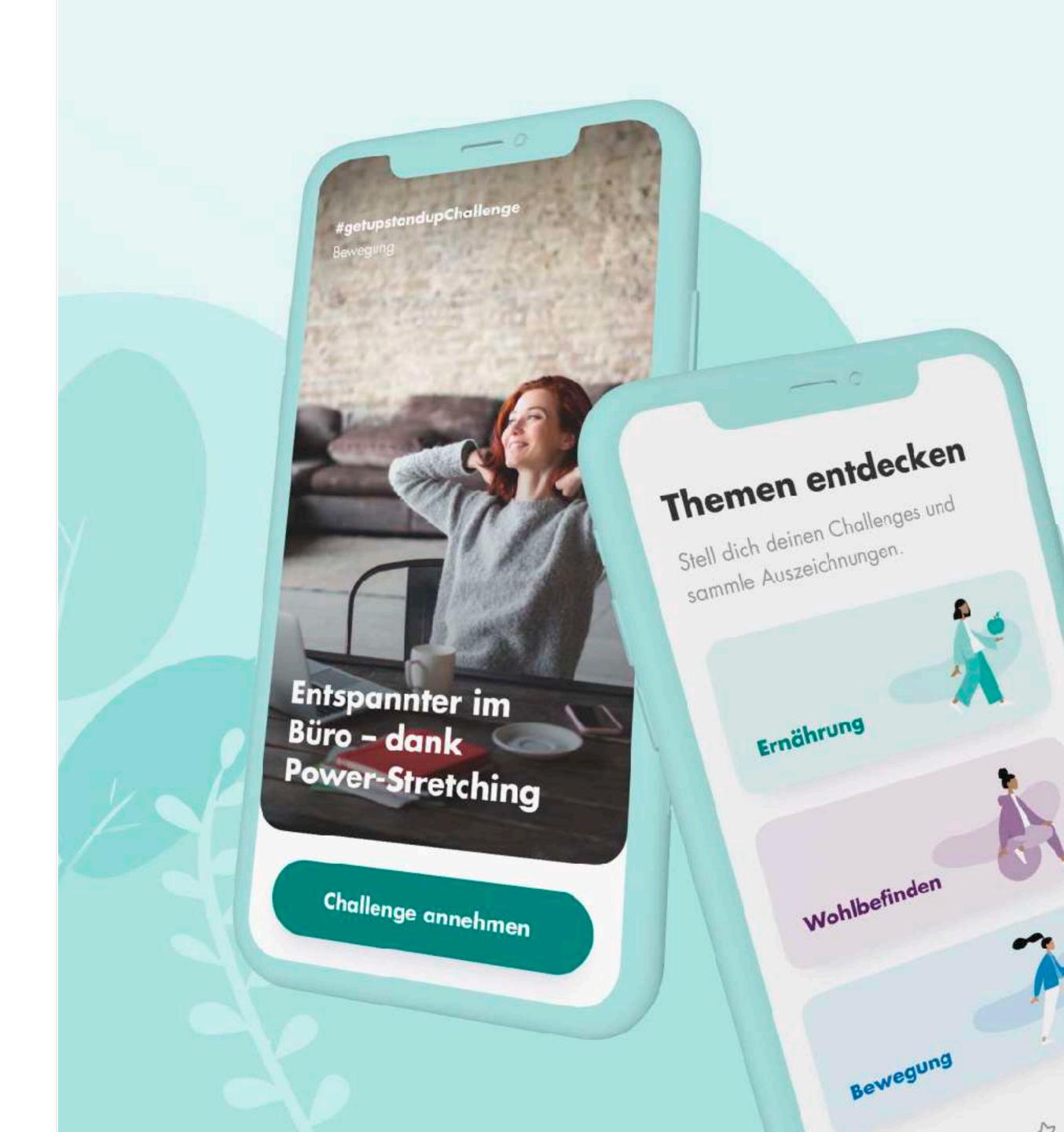




September 2014 | With compliments to Auron Walter

A health coach apprethought & designed from the ground up to delight, engage and support users.

Hinderling Volkart & SWICA
App Store Rating boost from 3.8 to 4.7
BOSW Gold in UX, 2022 and follow-up awards
No 1 in App Store health for weeks



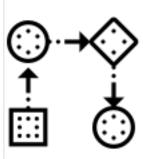
4/6 – Structure (Experience Mapping)

Experience Design

UX & Story Principles
Elements of a good story & UX



Reason why



Structure



Main character



Creation of awareness



Start with a conflict



Virality

Experience Design

Story Principles
Structure

Designing an experience is like telling a story.

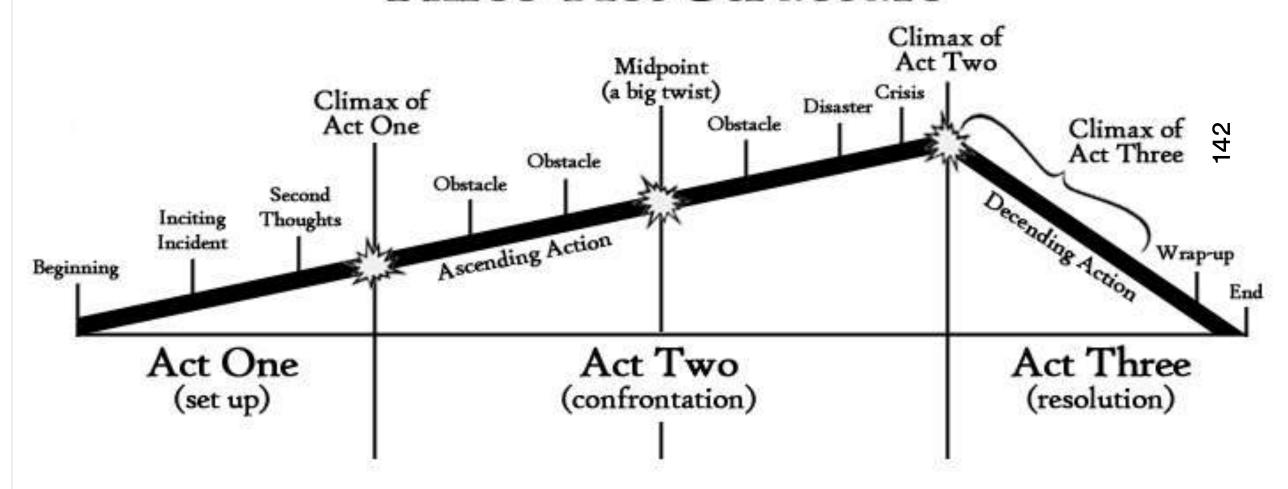
Three-act structure

Aristotele, 350BC, Gustav Freytag, 1816 - 1895, and more

Experience Design

Story Principles
Structure

Three-Act Structure

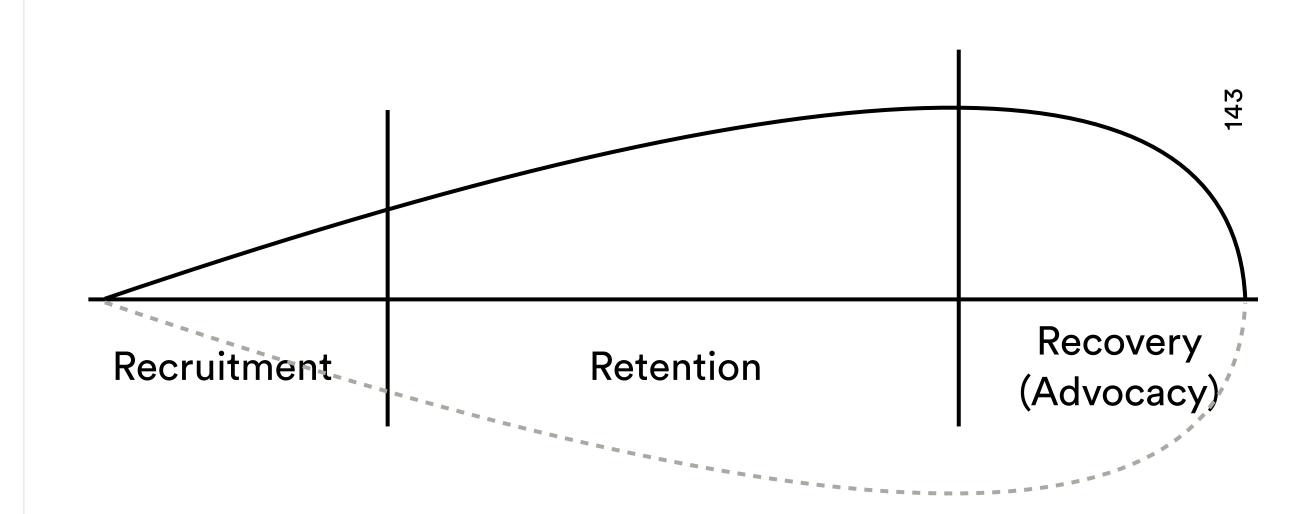


Experience Design

Story Principles
Structure

Customer Relationship

Management and Lifecycle
based on 3 R Marketing Principle



Bruhn, Michalski, 2003

Experience Design

Story Principles
Structure

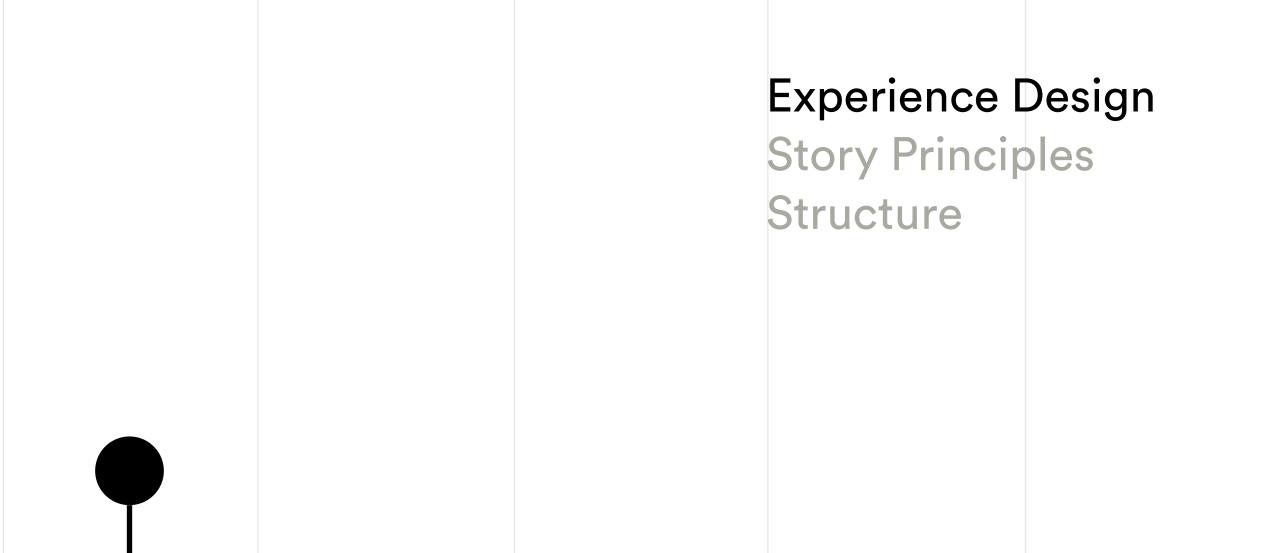






Bullet points don't make a good story.

Touch points don't make a good experience.





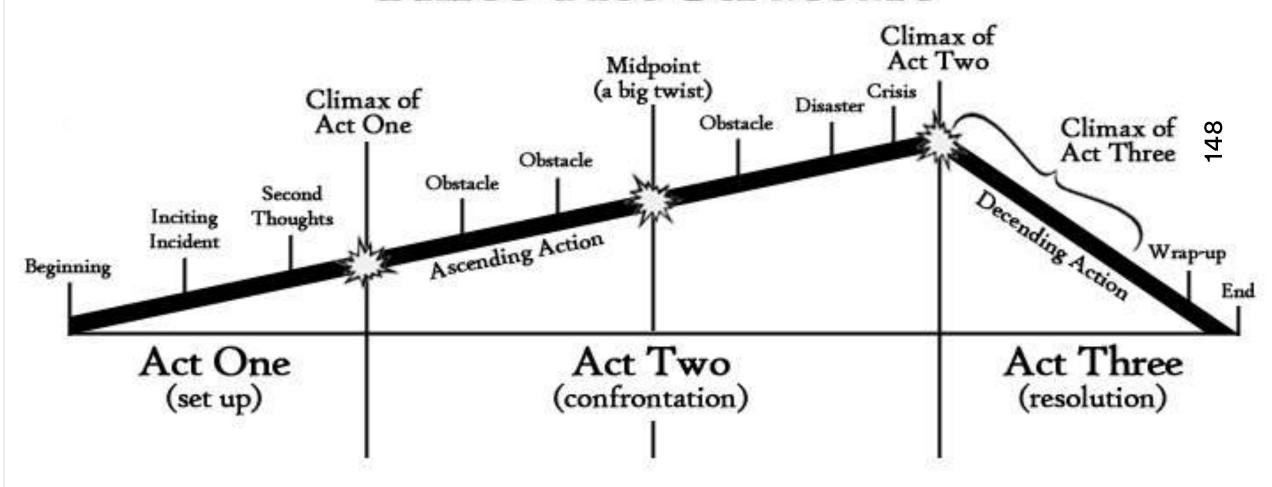
Three-act structure

Aristotele, 350BC, Gustav Freytag, 1816 - 1895, and more

Experience Design

Story Principles
Structure

Three-Act Structure



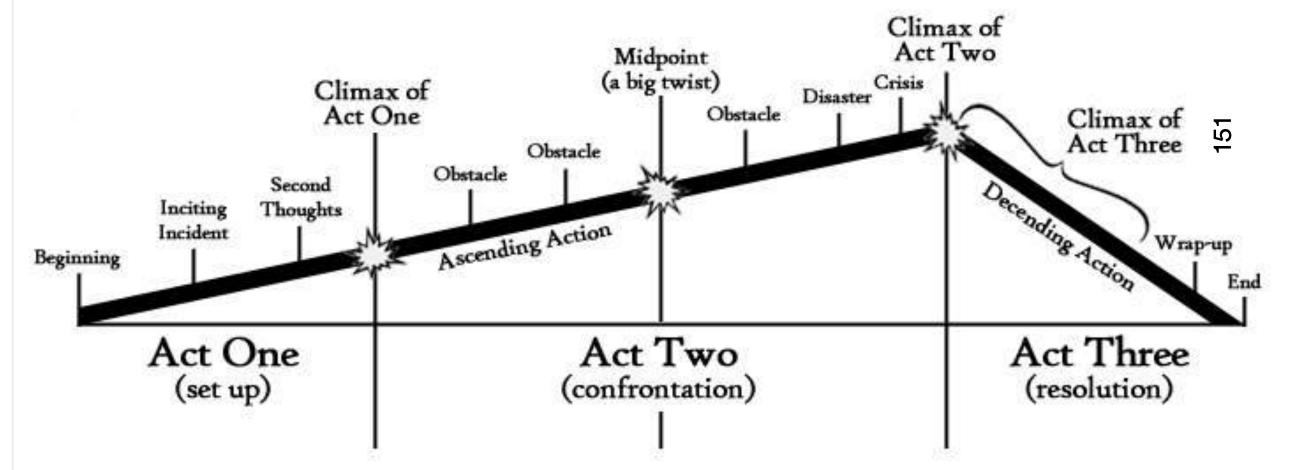
Heineken – The Dilemma

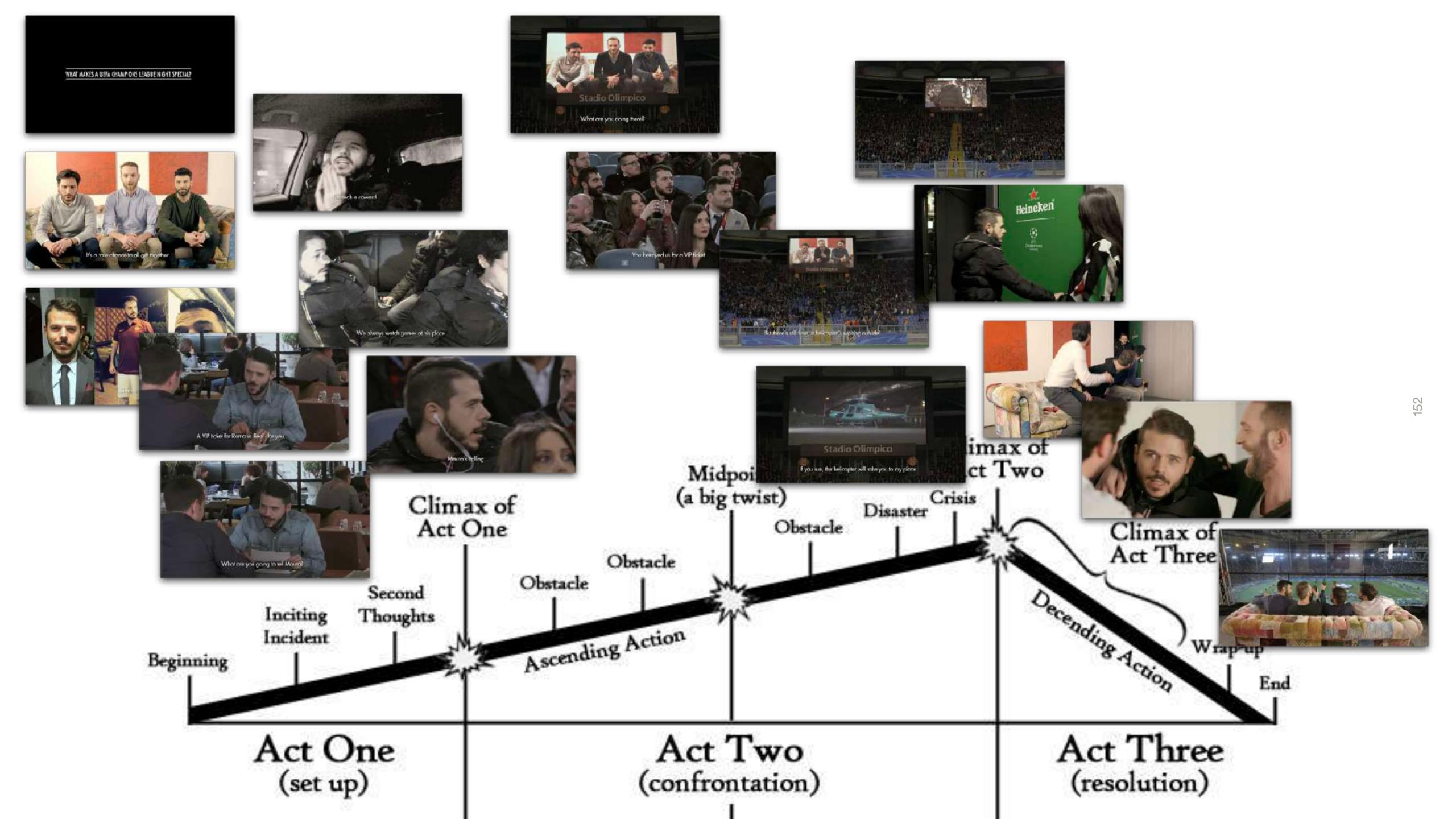
WHAT MAKES A UEFA CHAMPIONS LEAGUE NIGHT SPECIAL?

Chat:

What happened in this story?

Three-Act Structure

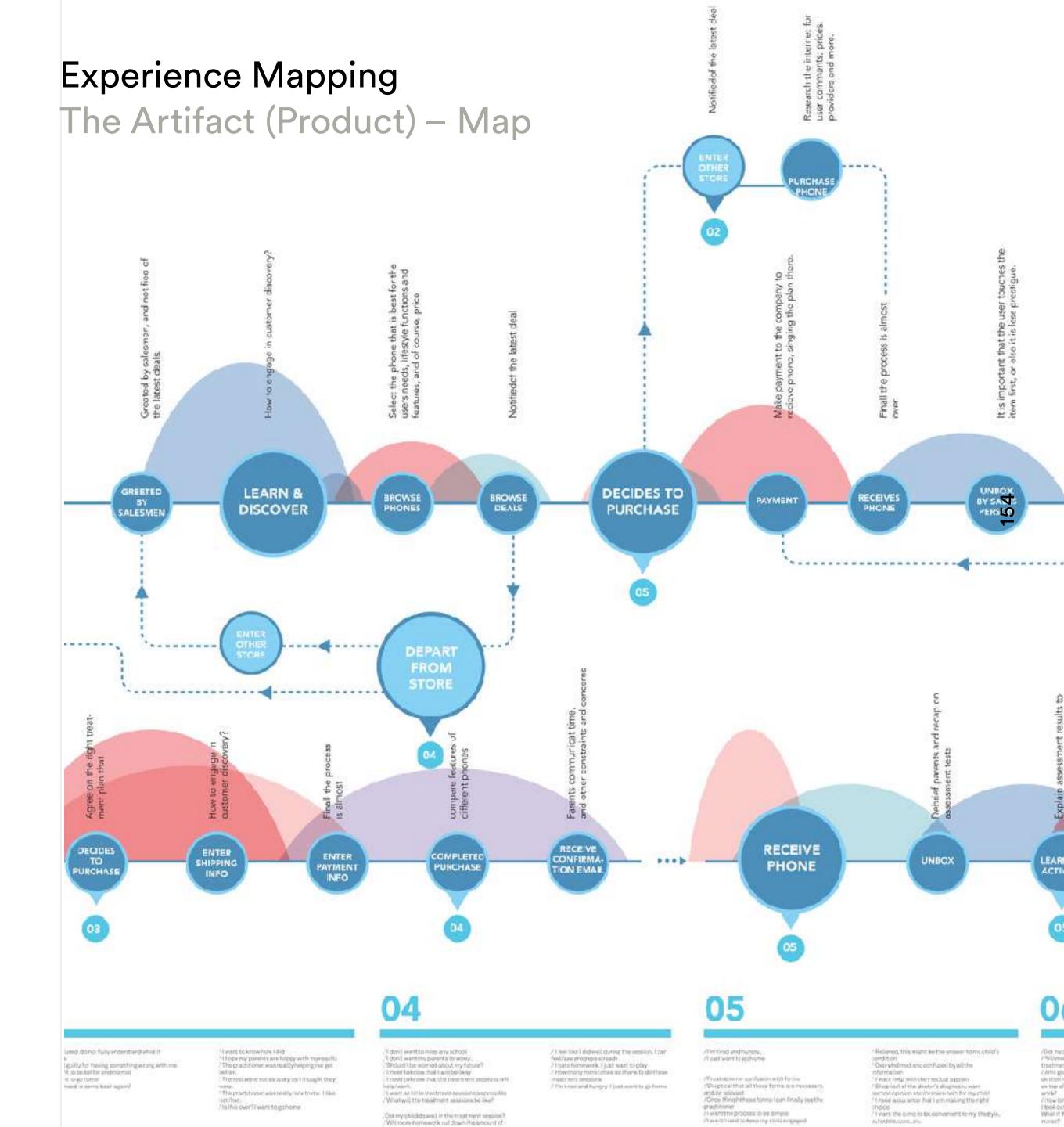


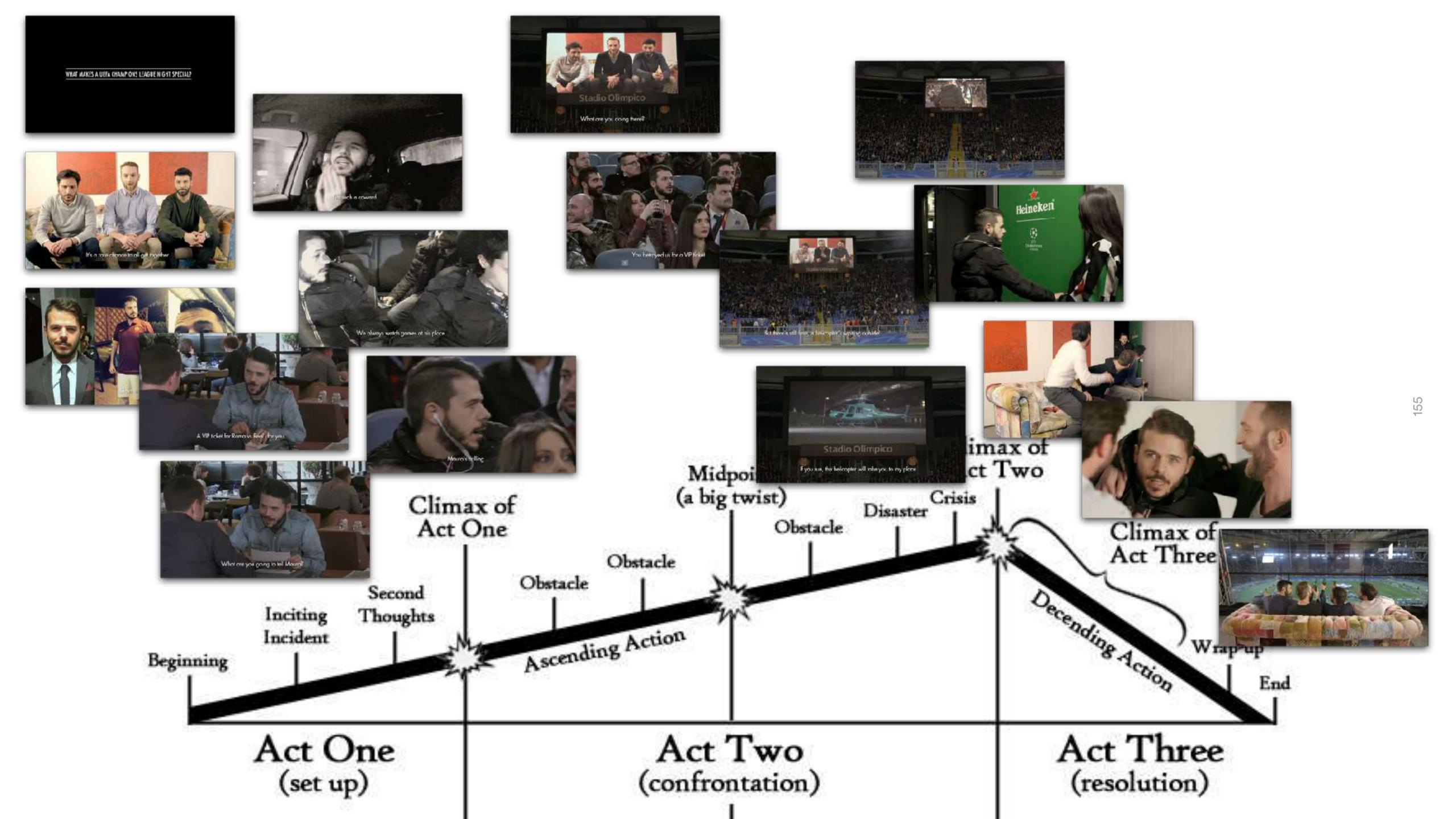


The Activity – Process

Experience mapping is a collaborative, iterative process for synthesizing and visualizing the holistic customer experience (Adaptive Path).

An experience map presents, with richness and depth, key insights into your customers' complete experience. It is a tool that supports charting new courses of action (Adaptive Path).





Experience Mapping

Components of an Experience Map

Main phases & guiding principles

Journey steps

Your product or service

User activity

- Seeing
- Doing

User impact and experience

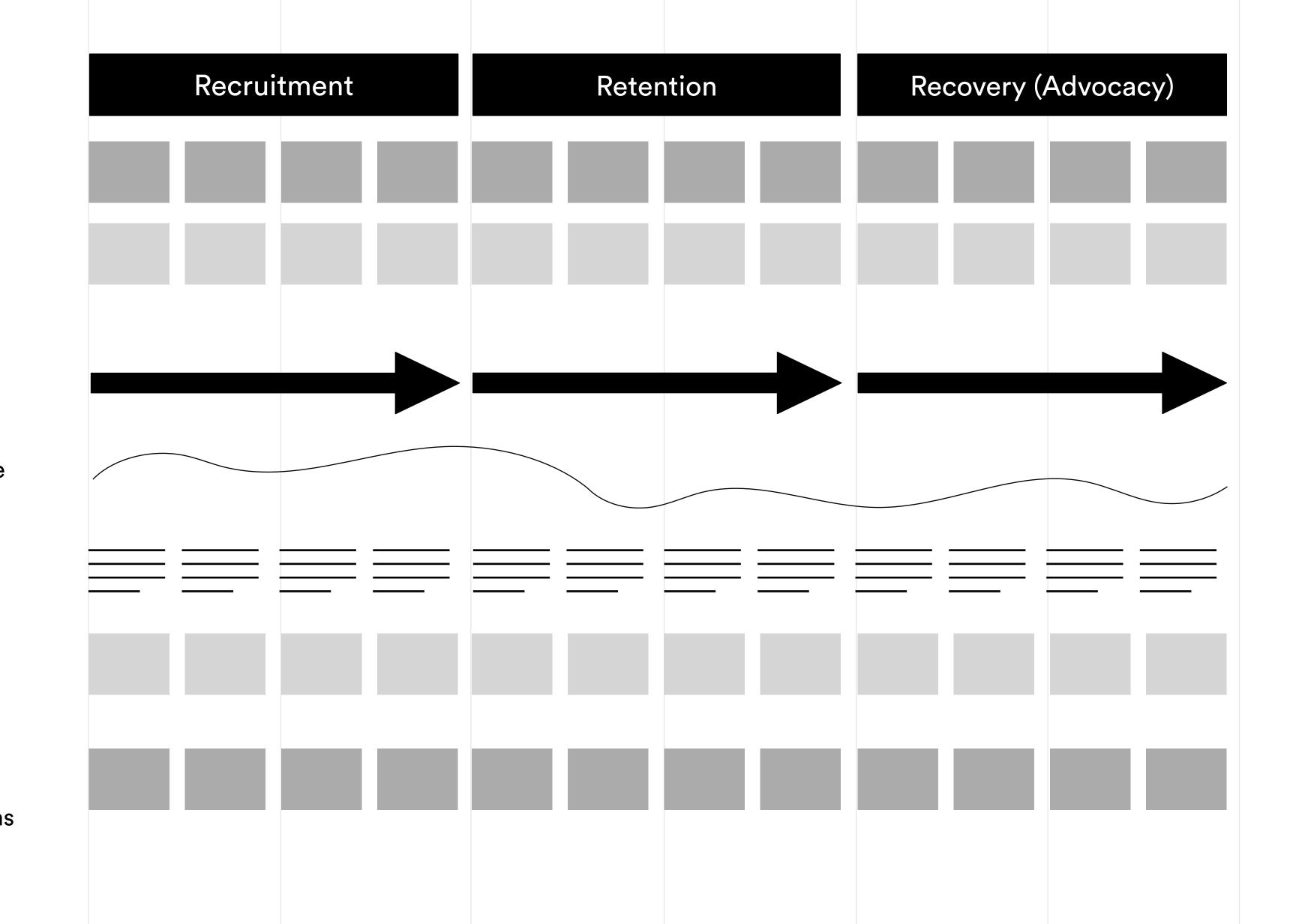
- Thinking
- Feeling
- Emotional value

Insights of extremes

- Pain points
- Delight points

Opportunity areas

- Potential fields of actions
- Potential recommendations





Recovery (Advocacy)

Main phases & guiding principles

Journey steps

Your product or service

User activity

- Seeing
- Doing

User impact and experience

- Thinking
- Feeling
- Emotional value

Insights of extremes

- Pain points
- Delight points

Opportunity areas

- Potential fields of actions
- Potential recommendations

Recruitment

User/Customer Experience

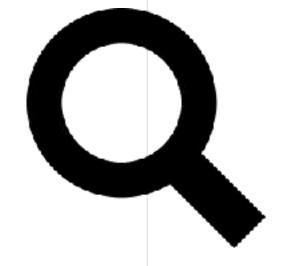
Retention

User/Customer Journey

Opportunity Areas Business Strategy & Goals

Experience Mapping

Making sense of a cross-channel experience by Adaptive Path









UNCOVER THE TRUTH

Study customer behavior and interactions across channels and touchpoints

CHART THE COURSE

Collaboratively synthesize key insights into a journey model

TELL THE STORY

Visualize a compelling story that creates empathy and understanding

USE YOUR MAP

Follow the map to new ideas and better customer experiences

Activity – Process

Artifact / Experience Map – Result

Experience Mapping Exercise (task intro)

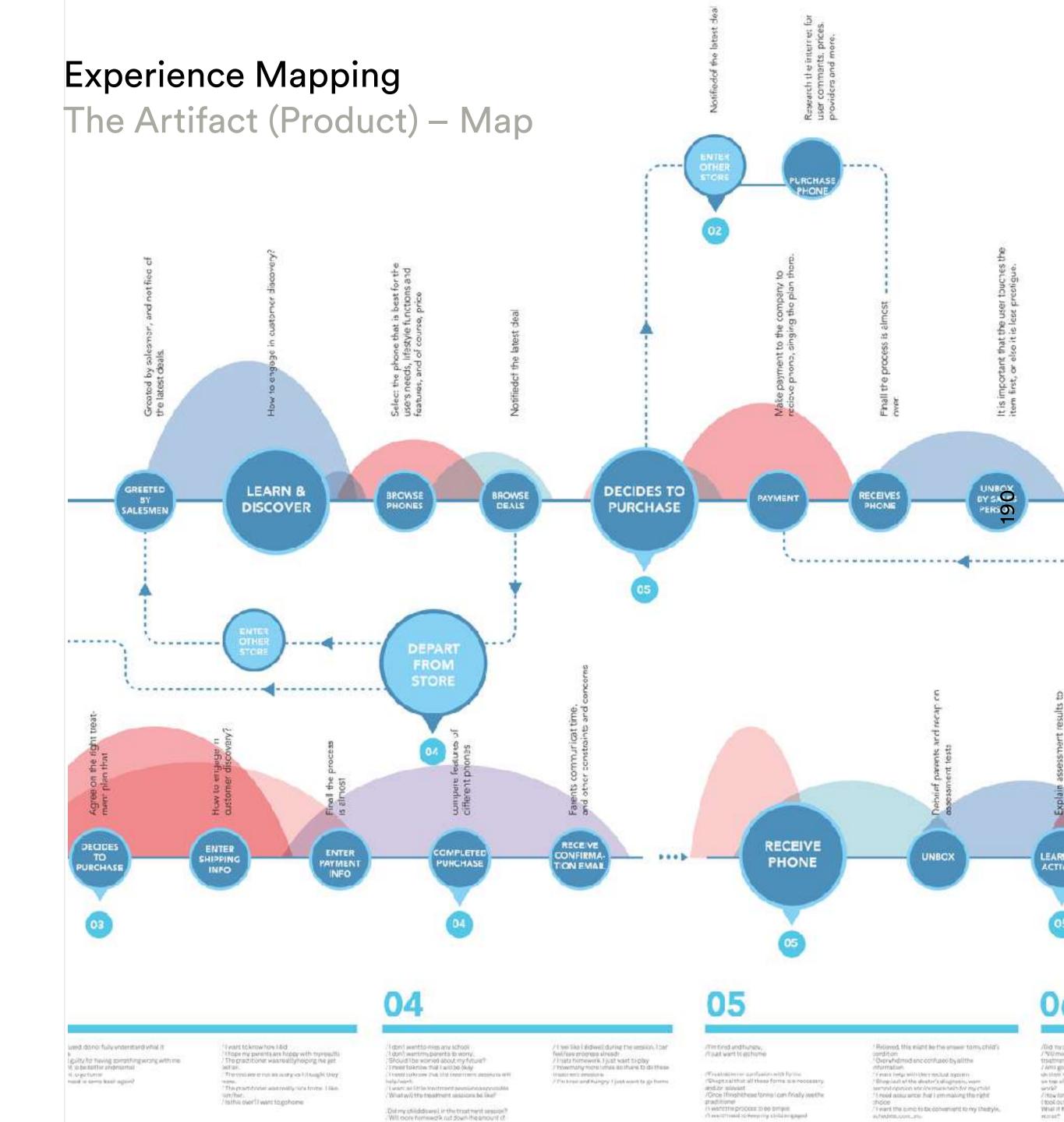
Lunch

Welcome back & & ... Hope you enjoyed lunch.

Experience Mapping Follow-Up

Experience mapping is a collaborative, iterative process for synthesizing and visualizing the holistic customer experience (Adaptive Path).

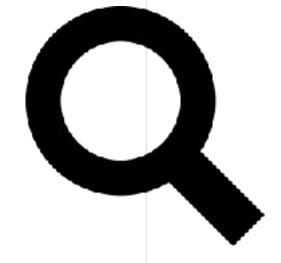
An experience map presents, with richness and depth, key insights into your customers' complete experience. It is a tool that supports charting new courses of action (Adaptive Path).



10

Experience Mapping

Making sense of a cross-channel experience by Adaptive Path









UNCOVER THE TRUTH

Study customer behavior and interactions across channels and touchpoints

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Collaboratively synthesize key insights into a journey model

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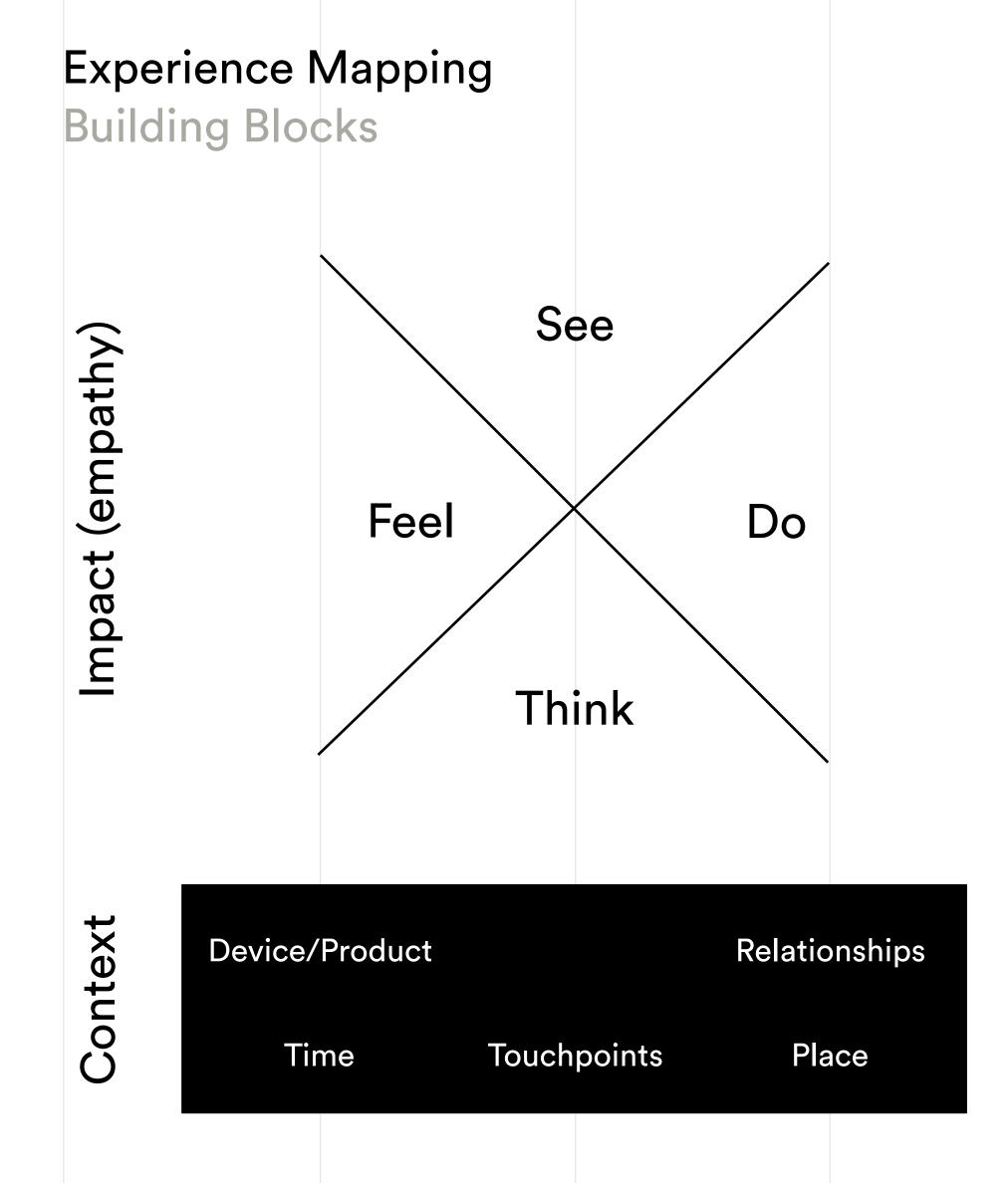
Follow the map to new ideas and better customer experiences

Activity – Process

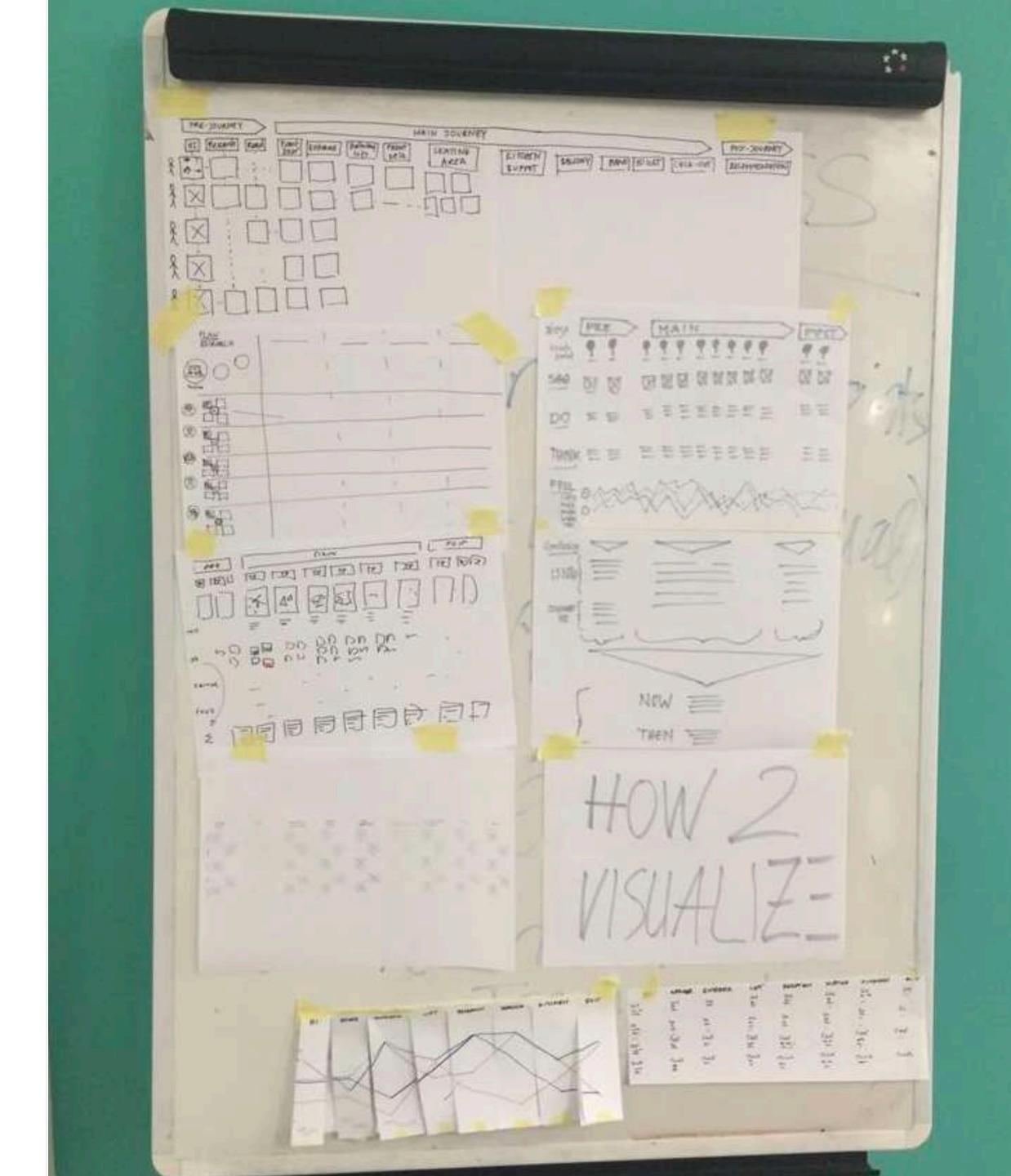
Artifact / Experience Map – Result



Quantitative Research



Start low fidelity, sketch out your ideas and find the best visualisation to meet your and your stakeholder's needs.



Collaborative development of map.



Experience Mapping

Components of an Experience Map

Recovery (Advocacy)

Main phases & guiding principles

Journey steps

Your product or service

User activity

- Seeing
- Doing

User impact and experience

- Thinking
- Feeling
- Emotional value

Insights of extremes

- Pain points
- Delight points

Opportunity areas

- Potential fields of actions
- Potential recommendations

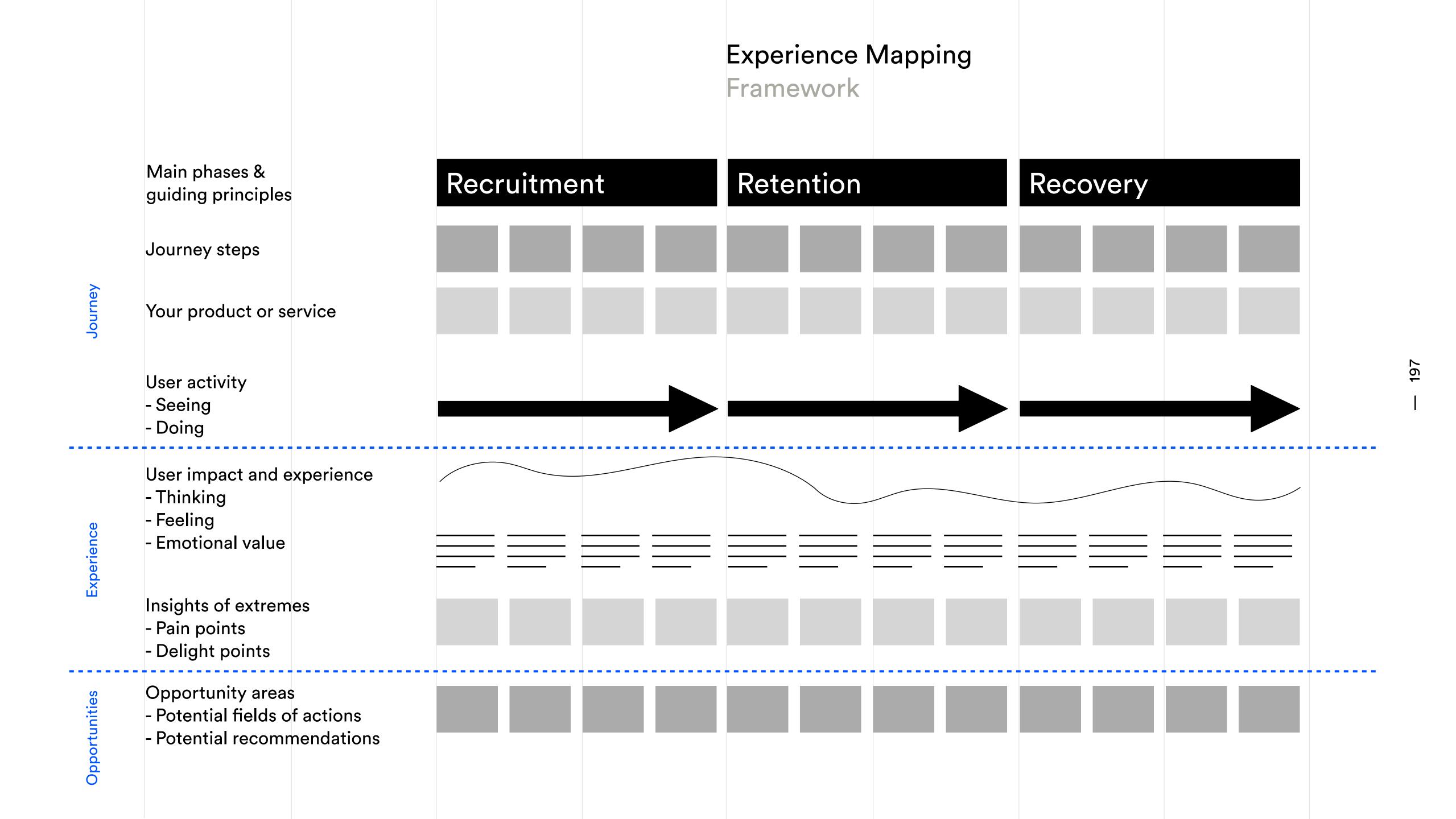
User/Customer Journey

Retention

Recruitment

User/Customer Experience

Opportunity Areas Business Strategy & Goals



100

Experience Mapping

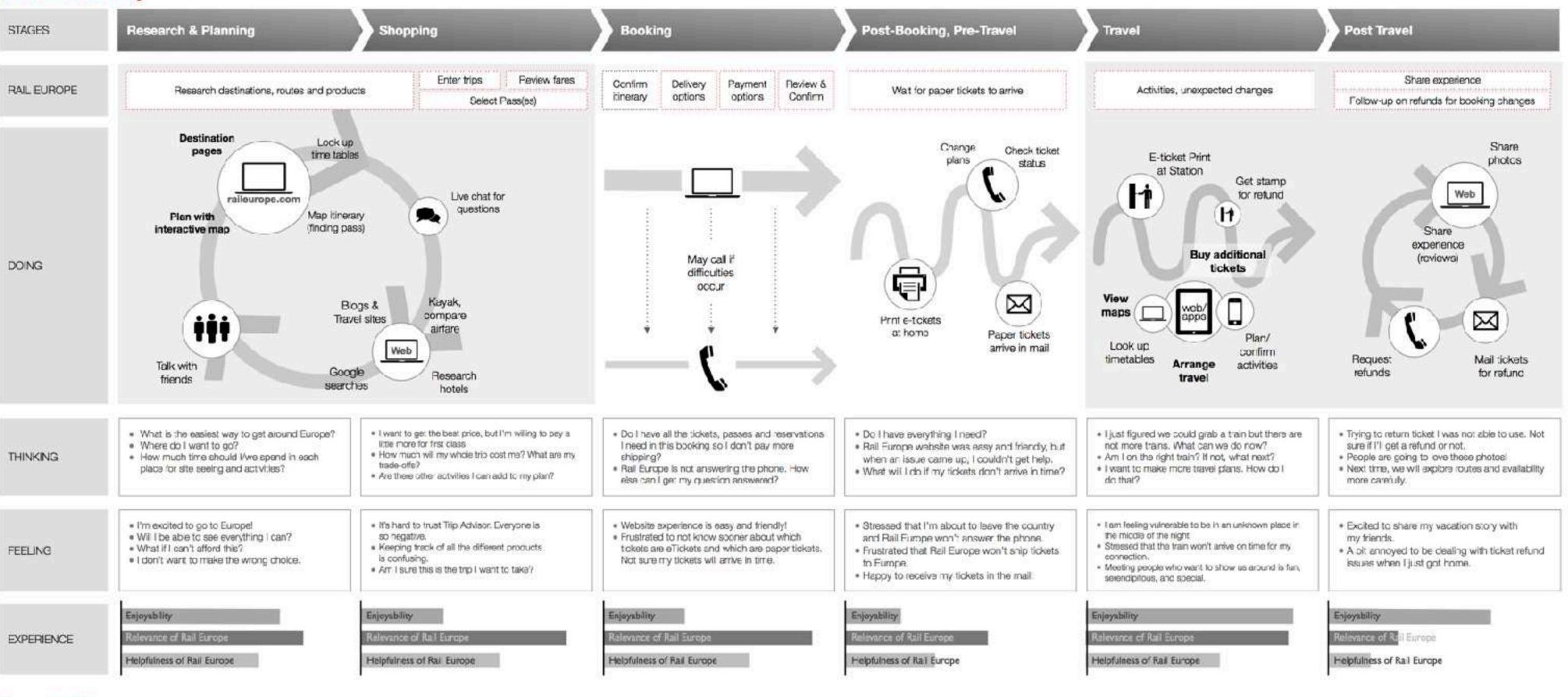
Framework (simplified example)

Main phases & guiding principles	· Attract pour House //		Clients	Retention > Service & Support			e-engage	
Journey steps			User finds interest & signs up	User sets up service	User uses products & seeks support	User renews service	User shares experience	
Your product or serv		·	Sign-Up Form	On-Boarding mechanism	Tools & Support Content		Sharing Options	
User activity - Seeing - Doing		User sees google ads and clicks	User uses 3rd party login option	User finds various options & makes selection	User uses product (specific actions)		User sees insta- sharing option and uses it	
User impact and exp - Thinking - Feeling - Emotional value	erience	User likes ad	User struggles w signup	User enjoys on-boarding	User struggles w/ support	User accepts renewal benefits	User is happy w/ offer & wants to share	
Insights of extremes - Pain points - Delight points			Complicated registration	Starting the service is really easy	Support is barely reachable		Sharing gives extra benefit	
Opportunity areas - Potential fields of a - Potential recommen	ections	•	Web-Platform: Simplify sign-up	On-Boarding: Take learnings to other parts of service	Support: Evaluate support improvements	Maintain or extend	Sharing: Keep sharing benefits & offerings	

Experience Mapping Samples

People choose rail travel because it is

convenient, easy, and flexible.



Opportunities

G_OBAL III			PLANNING, SHOPPING, ECCKING		POST-BOOK, TRAVEL, PCST-TRAVEL		
Communicate a clear value proposition.	Help people get the help they need. STAGES: Global	Support people in creating their own solutions. STAGES: Global	Enable people to plan over time.	Visualize the trip for planning and booking. ETAGES: Planning, Shopping	Arm customers with information for making decisions. 6TAGES: Ghopping, Dooling	Improve the paper ticket experience. STAGES: Post-Booking, Travel, Post-Travel	Accommodate planning and booking in Europe too.
Make your customers into better, more savvy travelers.	Engage in social media with explicit purposes.		Connect planning, shopping and booking on the web.	Aggregate shipping with a reasonable timeline.		Proactively help people deal with change.	Communicate status clearly at all times.
FIAGES GIODE	STAGES: GIODBI		STAGES Planning, Shopping, Blocking	STAGE: Booking		STAGES: Post-Booking, Traveling	STAGES: Post-Booking, Post Travel

Informatio

Stakeholder interviews Cognitive walkthroughs Customer Experience Survey Existing Rail Europe Documentation



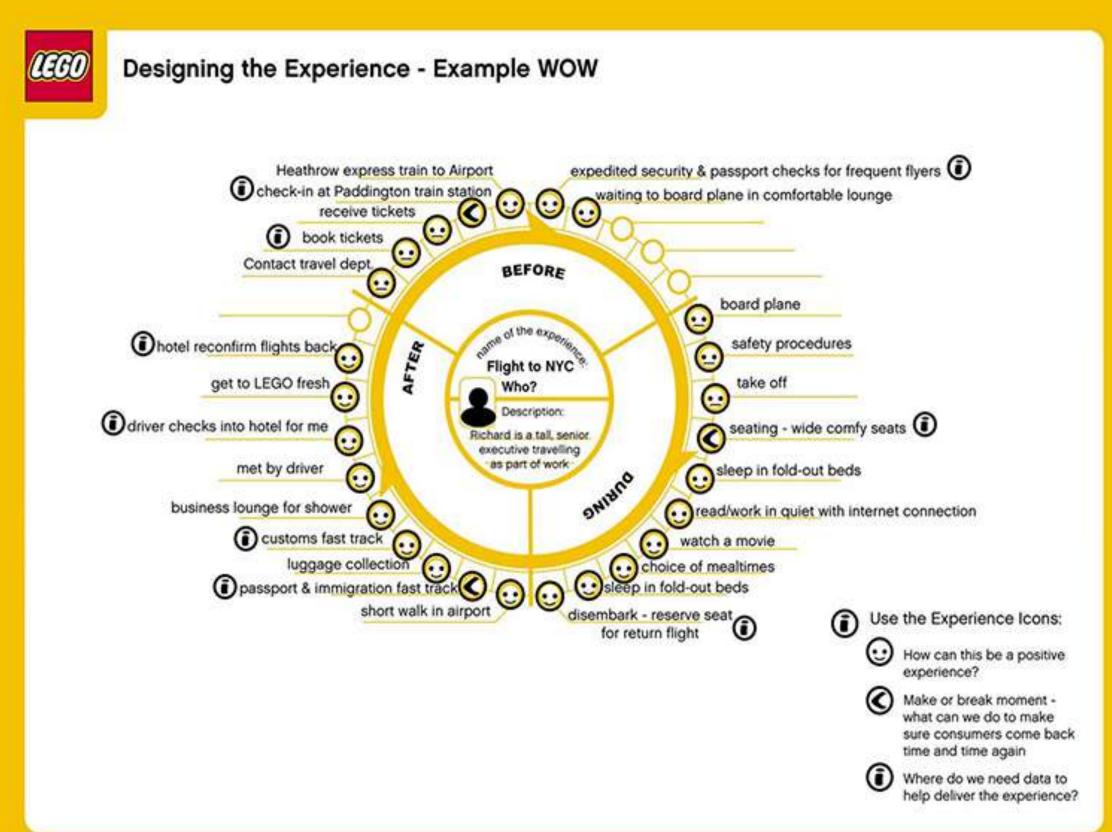




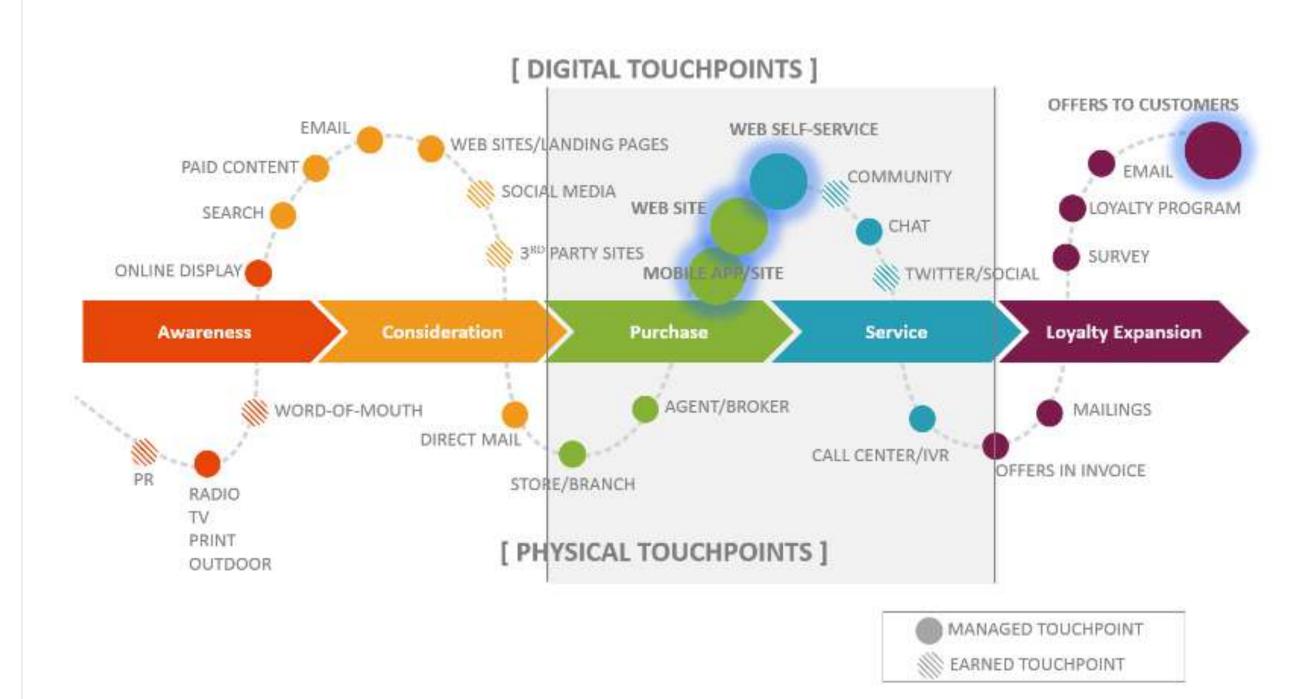
200



Circular approach



Mapping focusing on digital vs. physical touch points.



5/6 – Creation of awareness (emotional design)

- 217

Experience Design

UX & Story Principles
Elements of a good story & UX



Reason why



Structure



Main character



Creation of awareness



Start with a conflict



Virality

Ļ

Let's chat:

How do you create awareness?

OMG a train



Appeal to people's basic emotions



Disgust



Fear



Anger



Sadness



Surprise

OMG, and another one 😡

tiktok.com/@francis.bourgeois



OMG, and another one 😡



tiktok.com/@francis.bourgeois



Good (UX) Design transforms negative into positive emotions.



The most dramatic character development i've ever witnessed

#FRASUI



12:44 AM · Jun 29, 2021 · Twitter for iPhone

289 Retweets 23 Quote Tweets 2,258 Likes

Good design solves problems and sparks joy .



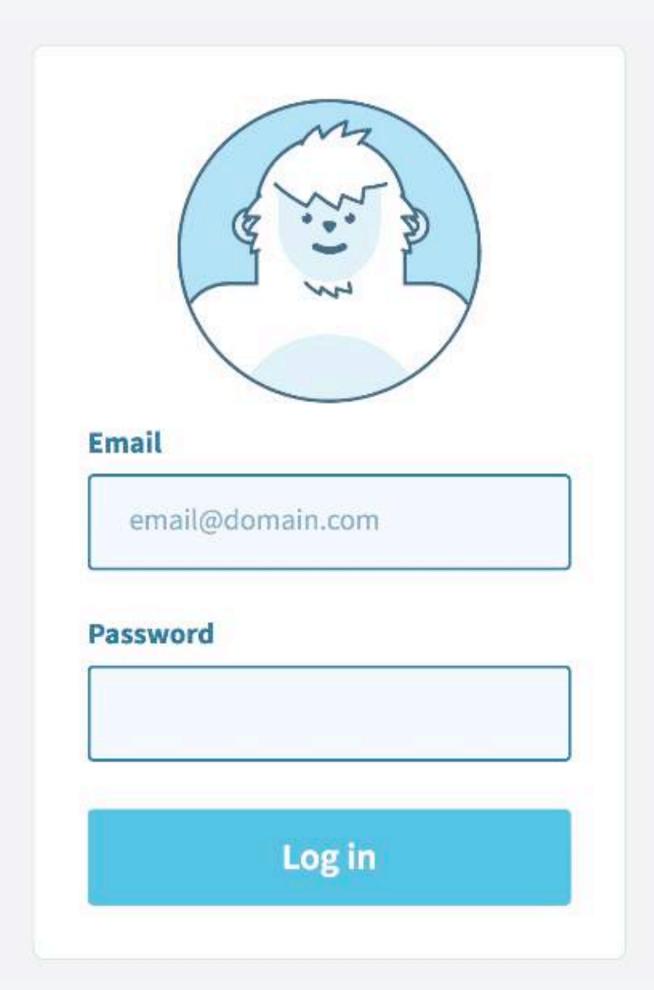
Micro interactions and animations are a great way to spark joy.



hinderlingvolkart.com

«Well-designed micro interactions... can transform a good product into a great product»

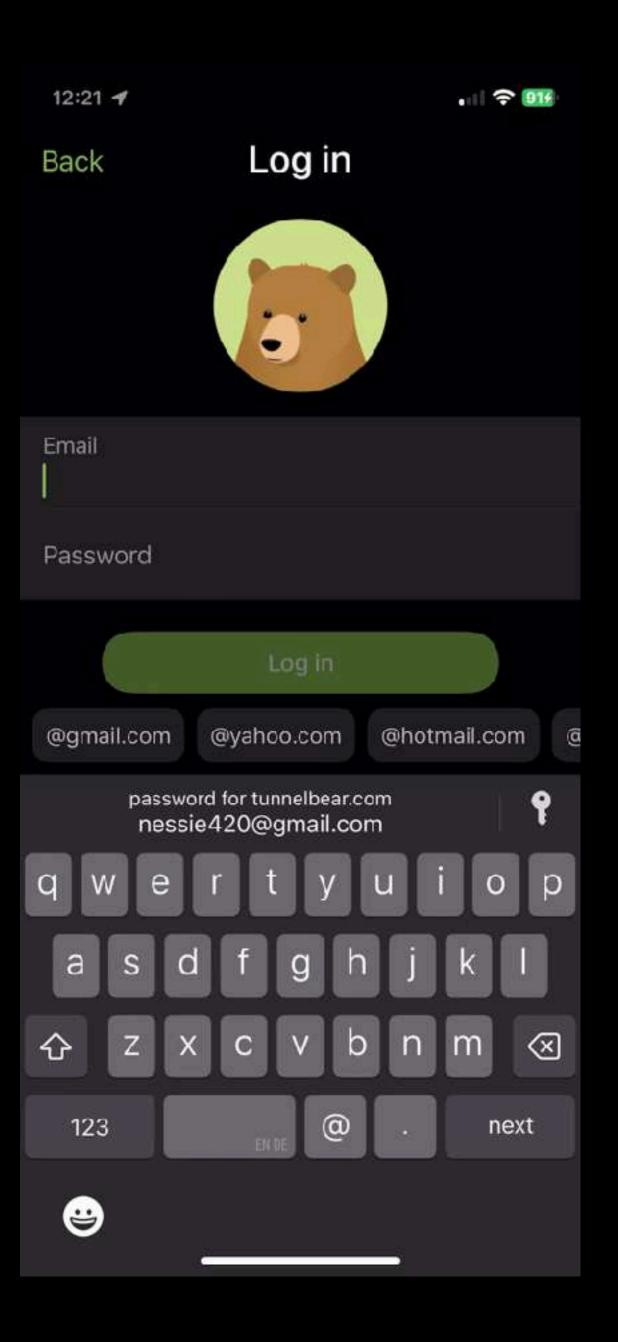
Dan Saffer
Designer & Author



https://codepen.io/m3eu/pen/VwYBbwO

«Well-designed micro interactions... can transform a good product into a great product»

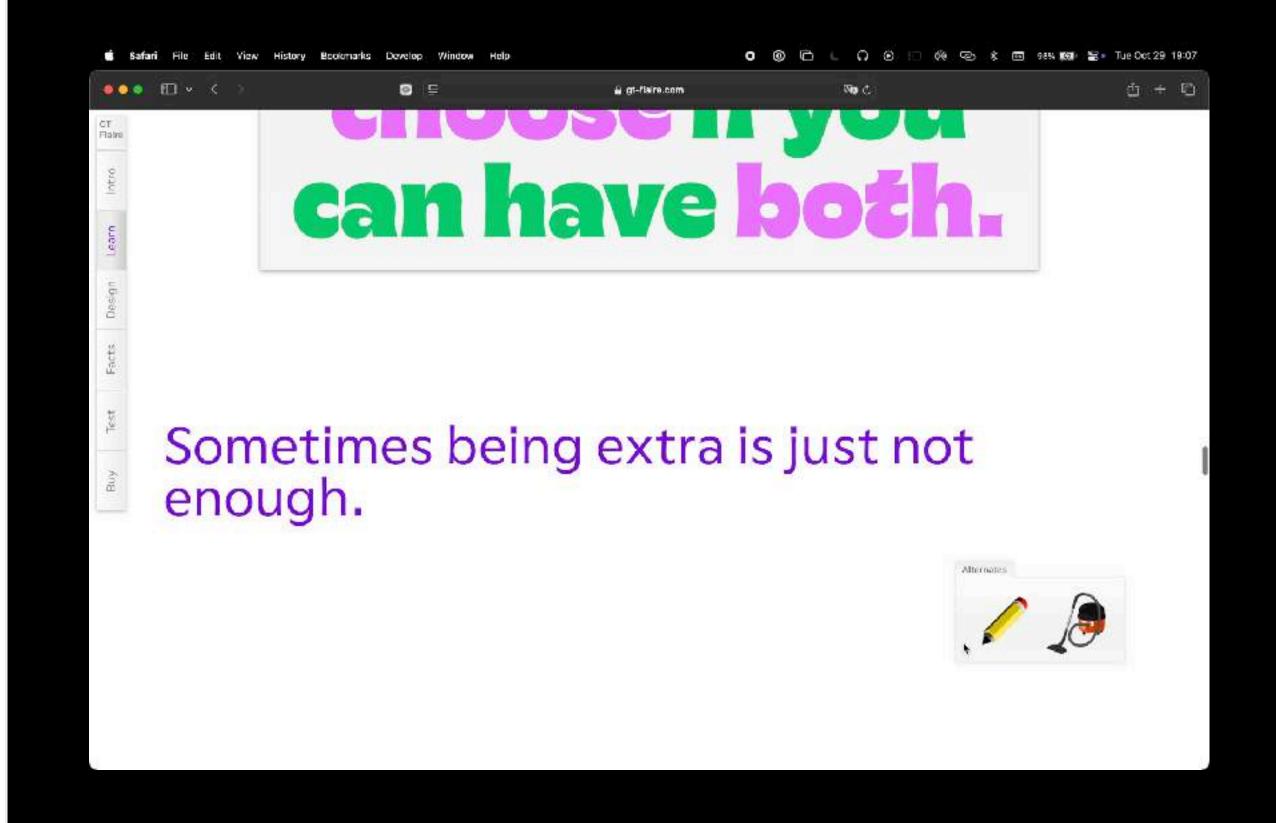
Dan Saffer
Designer & Author



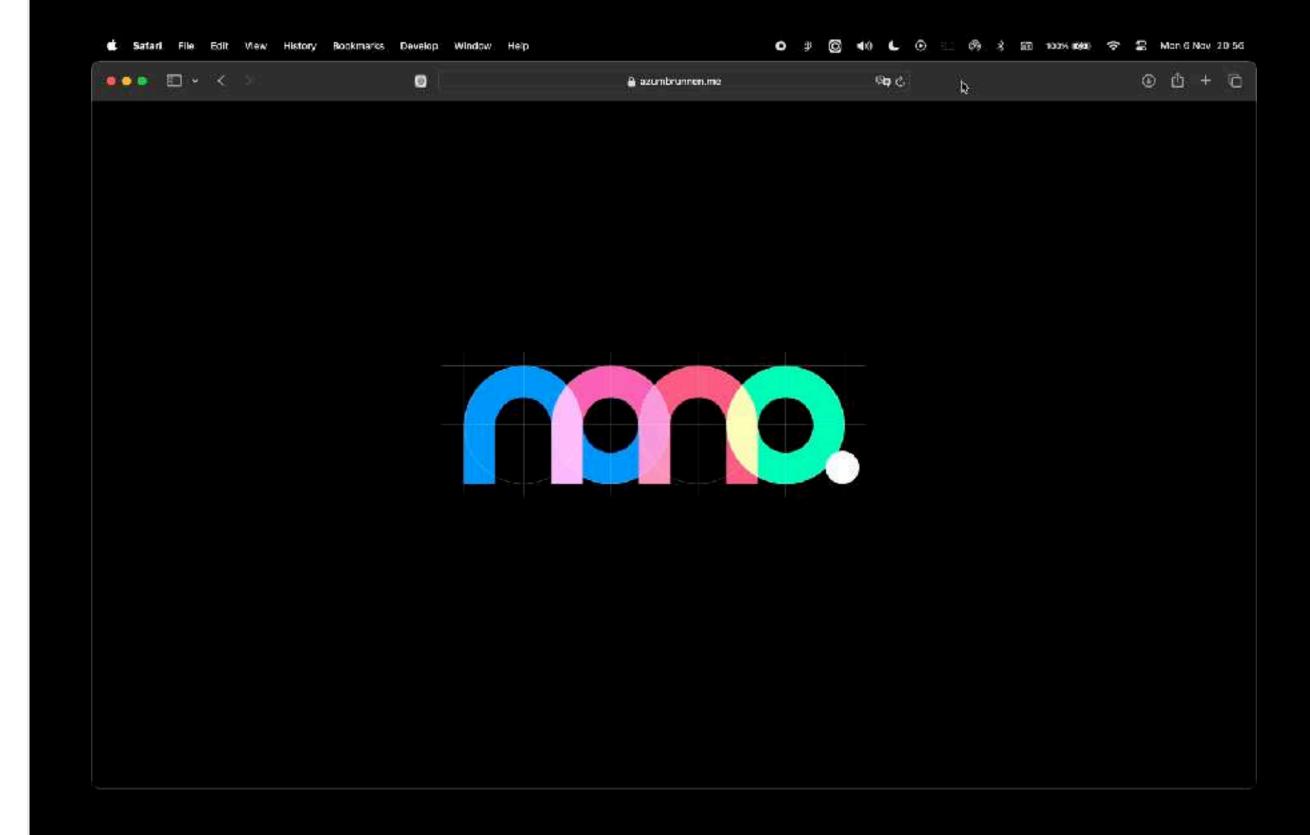
gt-maru.com by Grilli Type



https://gt-flaire.com/ by Grilli Type



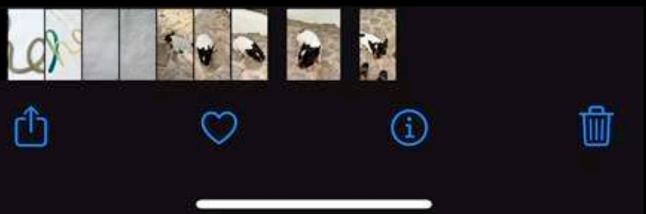
Adrian Zumbrunnen



Adrian Zumbrunnen







Adrian Zumbrunnen



Zander Whitehurst



Share something that brings you joy.

6/6 - Virality (availability)

Experience Design

UX & Story Principles
Elements of a good story & UX



Reason why



Structure



Main character



Creation of awareness



Start with a conflict

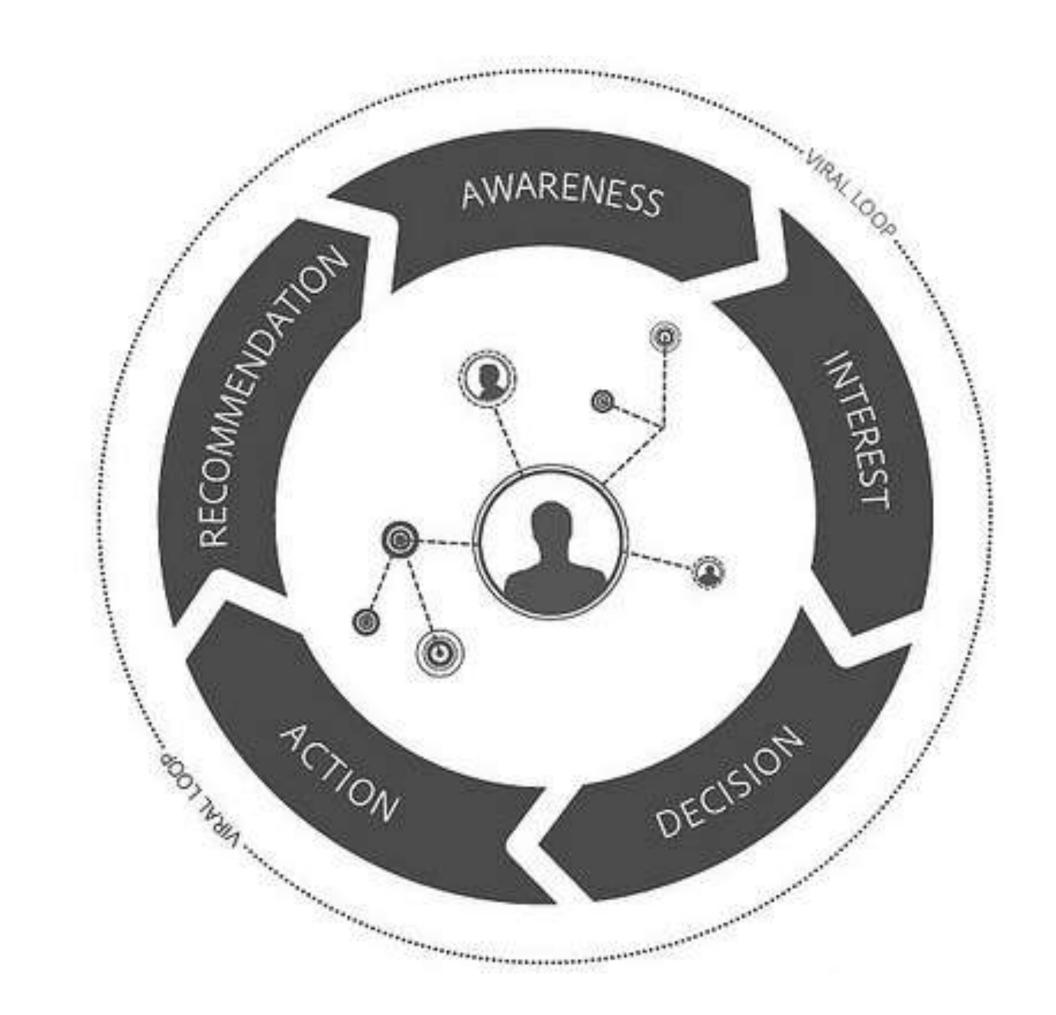


Virality





The Viral Loop (Viralhero.com, 2015)



«It's impossible to screenshot a Quibi show, and that's detrimental to its success (The Verge, 2020).»



«People can't stop sharing Baby Yoda memes (CNN, 2019)».



A lot under the hood:
Make your design*
discoverable, accessible,
equitable, usable, useful,
reliable, sharable and
something that sparks joy.



^{* (}product, service, feature etc.)

myswitzerland.com BOSW Master Award Entry Video 2020

www.myswitzerland.com

Hinderling Volkart 4 Schweiz Tourismus

Six Story Principles

- 243

Experience Design

UX & Story Principles
Elements of a good story & UX



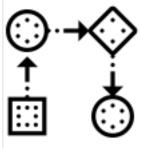
Reason why



Main character



Start with a conflict



Structure



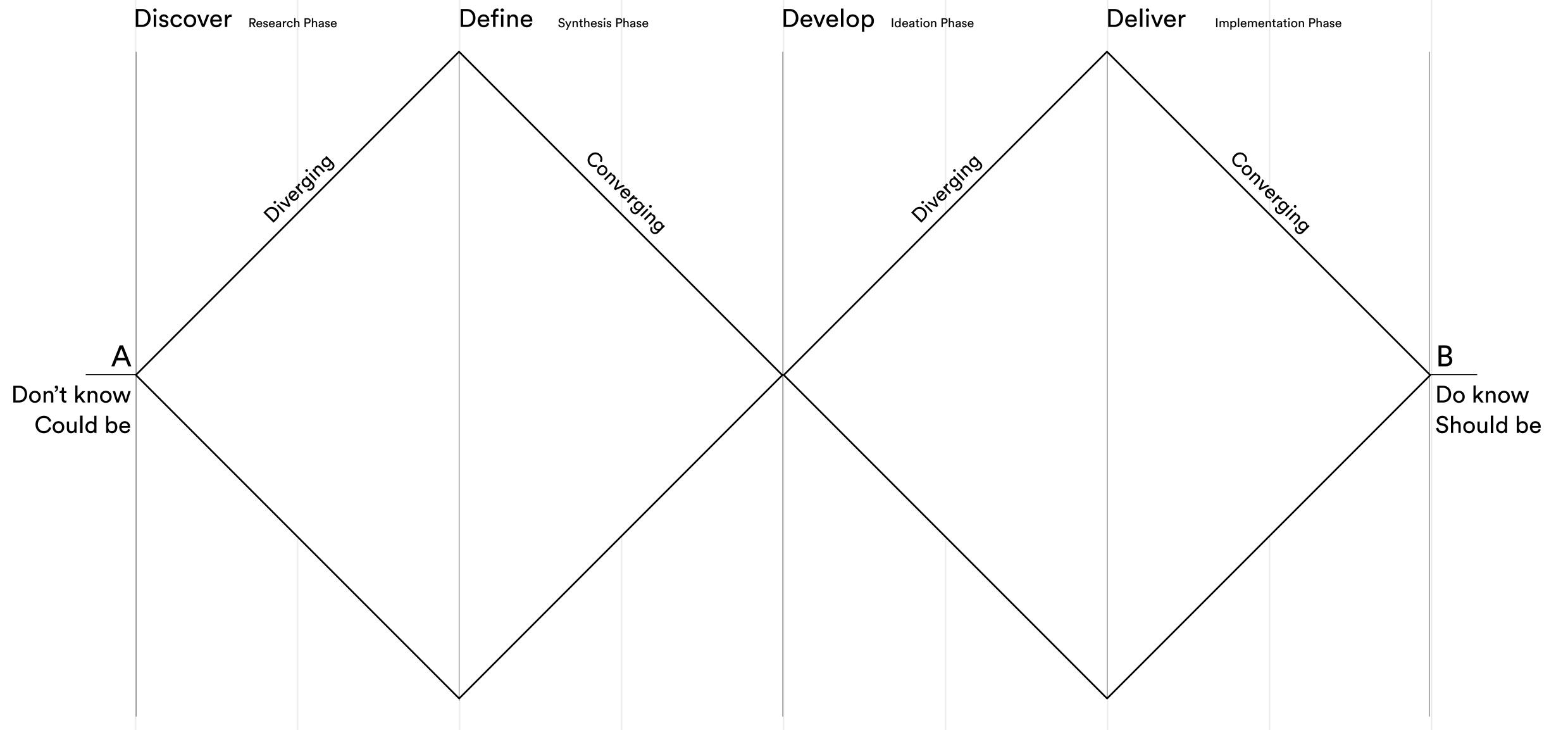
Creation of awareness



Virality

Quelle: https://uxdesign.cc/6-storytelling-principles-to-improve-your-ux-737f0fc34261 Basis: Storytelling – Die Zukunft von PR und Marketing (Petra Sammer, 2017)

Revamped Double Diamond



Revamped Double Diamond

why

character

Define Discover Research Phase Deliver Develop Ideation Phase Synthesis Phase Implementation Phase UX Design **UX Strategy** Doing things right Doing the right things Virality Main Creation of Reason Start with Structure

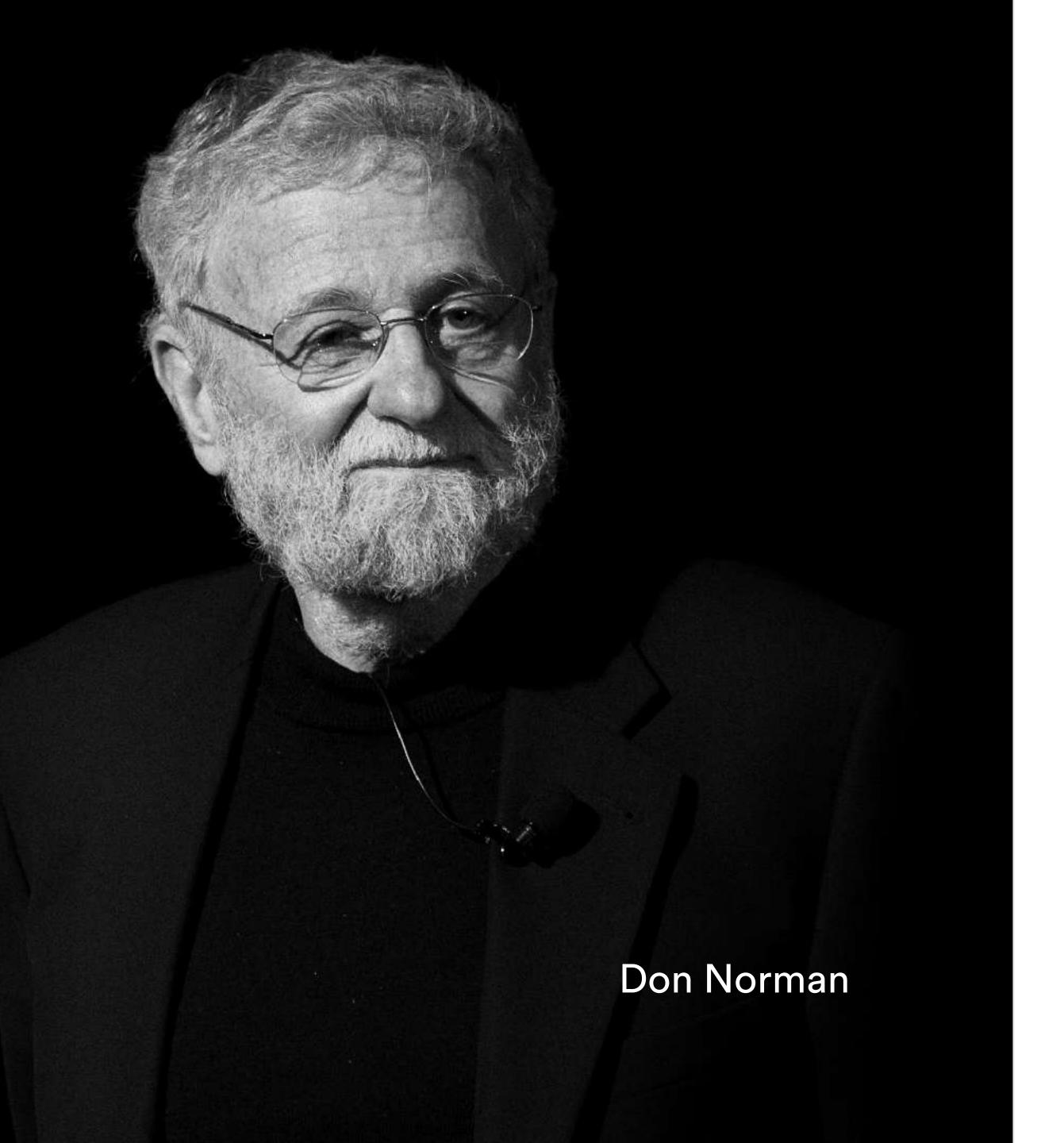
awareness

a conflict

How do you find a good story?

The Design Process
Understanding people

If we want to build services and products that solve problems, add value and matter to people, we need...

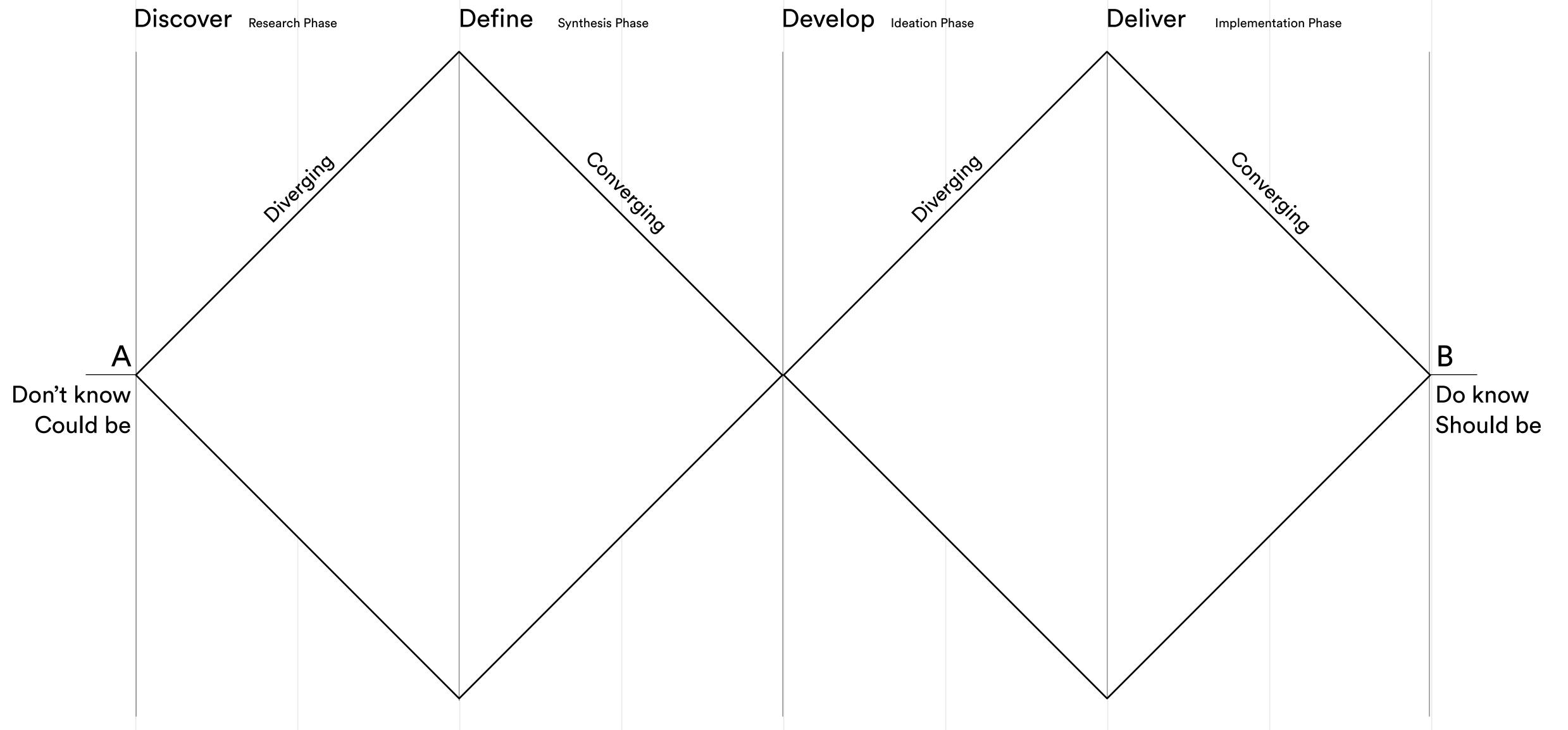


...a good understanding of people and the needs that the design is intended to meet.



Al in the Design Process

Revamped Double Diamond



Al support in the Design process

Discover

Research Phase

- Briefing analysis
- Generation of research topics & areas of interest
- Creation of research plans
- Creation of questionnaires
- Summarisation of secondary research
- Transcription of interviews

Define

Synthesis Phase

- Consolidation,
 summarisation and
 analysis of research
 raw data
- Evaluation of insights
- Creation of UX /
 Service Design assets
 (e.g. personas)
- Creation of research reports and opportunity areas
- Creation of a brief or phrasing of How-Might-We-Questions

Develop

Ideation Phase

- Genration of ideas
- Genration of visual mockups and prototypes
- Genration of content for mockups and prototypes
- Genration of logos,
 color palettes,
 wireframes, sitemaps
 and other design
 assets
- Validation of ideas,
 mockups & prototypes

Deliver

Implementation Phase

- Generation of all needed assets for final product (text, images, videos etc.)
- Generation design templates and styleguides
- Generation of code
- Validation of the product during the process and feedback

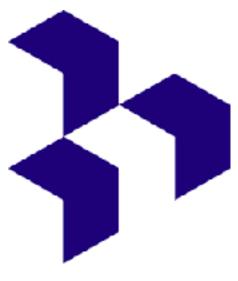
Al tools for designers (focus digital UX & UI)



Otter AI (Transcription)



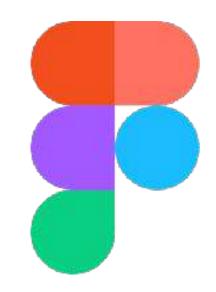
Khroma (Color palettes)



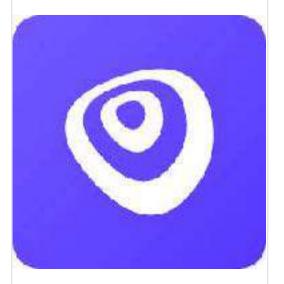
Dovetail (Analysis & Insights)



galileo (text to UI)



Figma Al features & plugins like relume Al



Visual Eyes (Heat Maps)



Uizard (UI, Wireframes, Mockups Prototypes)



Maze (various Testing tools)

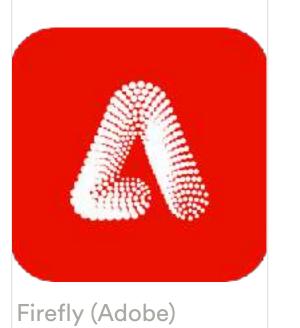
54

(just some) Al tools for Image generation













Canva

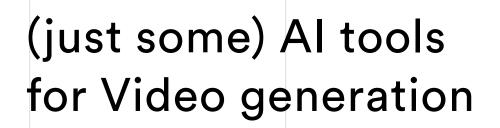
Getty Images

Based on article by

https://zapier.com/blog/best-ai-image-generator/ & more

Ideogram

Draw Things





B runway

runway

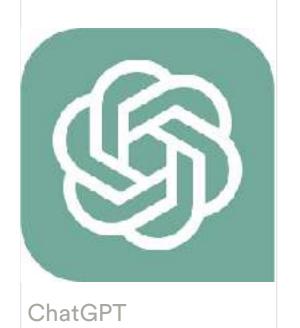
Canva



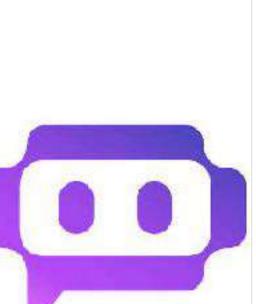
Canva

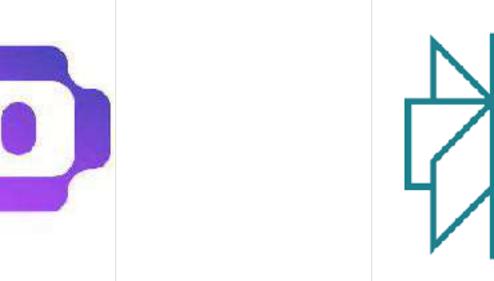
Veed

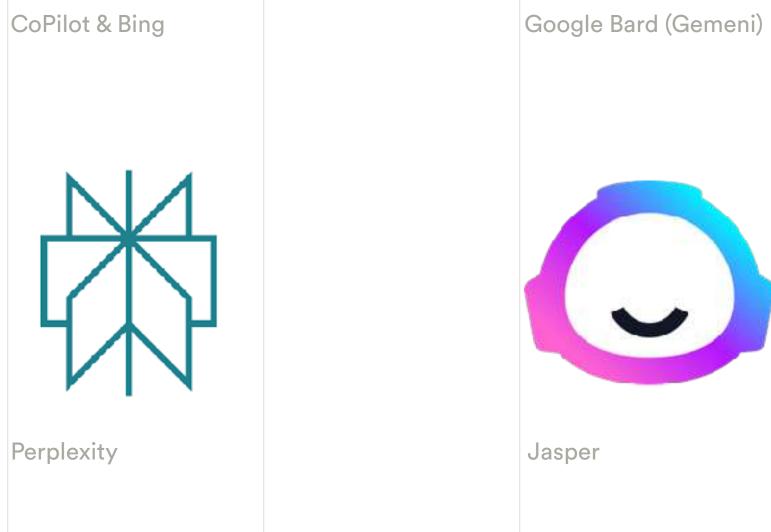
(just some) Al tools for general purposes & text generation

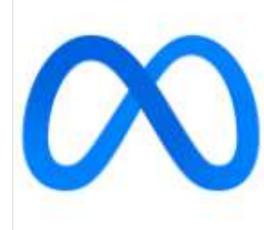












Llama 2 70B

Based o n article by https://zapier.com/blog/best-ai-chatbot/... more

Be aware...

Al generates stuff based on stuff we don't know, and it makes up stuff it doesn't know...



Al generates stuff based on stuff we don't know, and it makes up stuff it doesn't know...

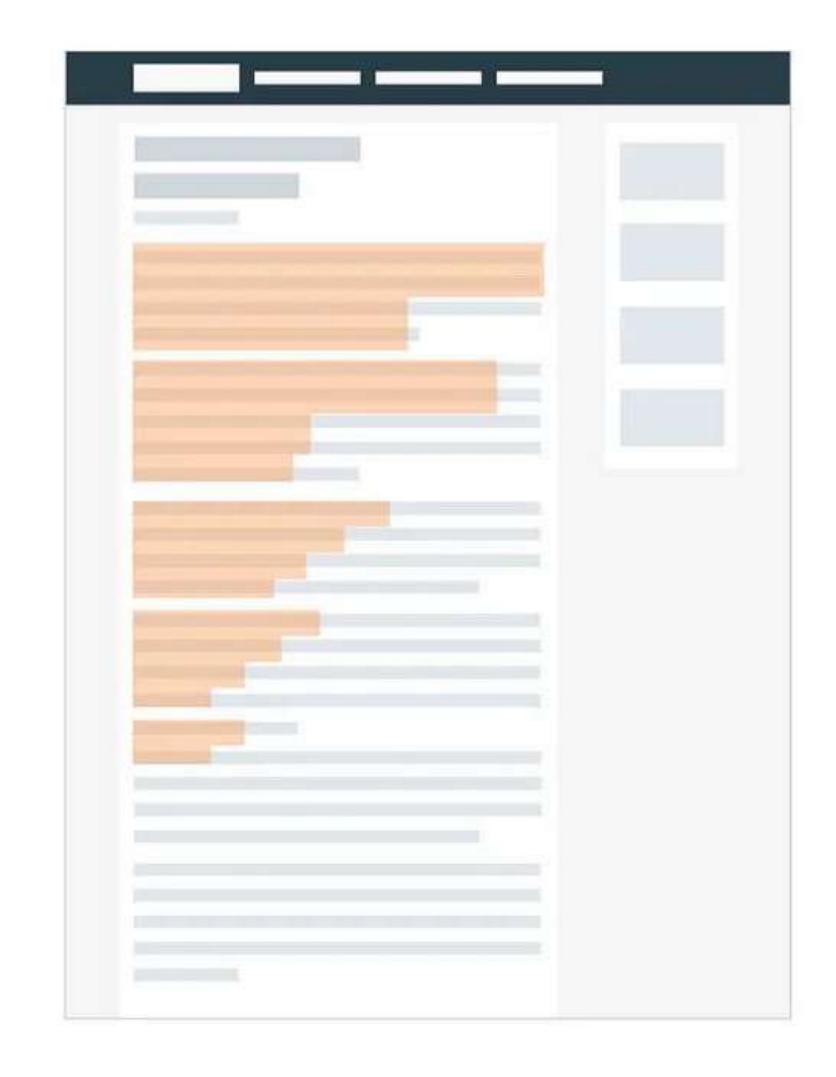


«Why should someone bother to read what you didn't bother to write?»

UX Writing

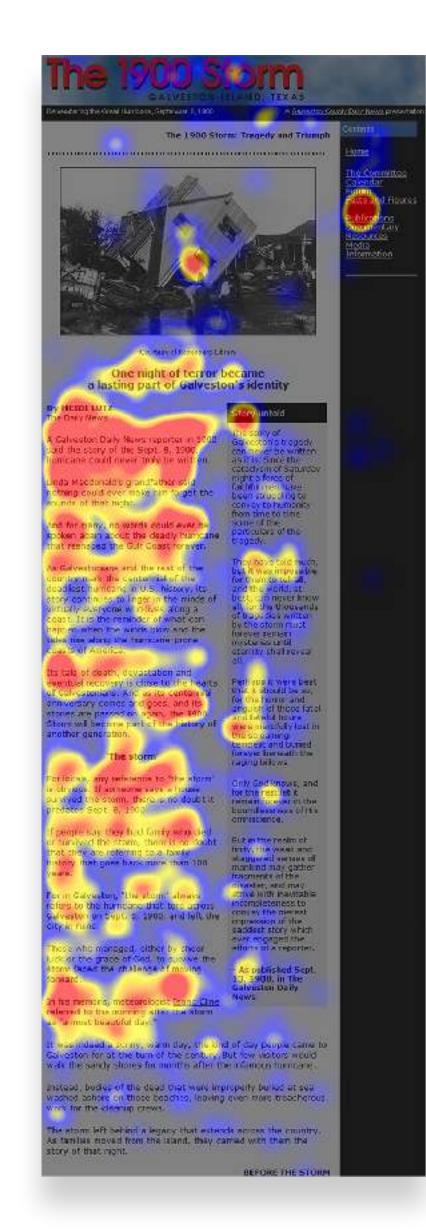
People don't read.

People primarily scan, rather than read.



F-Shaped Reading (bad for business)

F-Pattern reading (other patterns: layer cake, spotted, zigzag, commitment and more)





Four ways to accommodate for scanning text.

Use these techniques and tools to accommodate for scanning text.

- Plain language
- Clear, noticeable headings and subheadings
- Information up front (front-loading)
- Formatting: Bulleted
 lists and bold text

Techniques and details.

Avoid long blocks of text.

Split long text in blocks, sections, use bullets/lists and proper formatting (heading, subheadings, lead, paragraph etc.).

Be short & concise.

Don't:

You must log in before you can write a comment

Do:

Log in to comment

Use plain and clear language suitable for your target audience (avoid jargon).

Don't:

Initiate UID registration protocol.

Do:

Create an account.

Avoid (double) negatives and remember:

No «Dark Patterns».

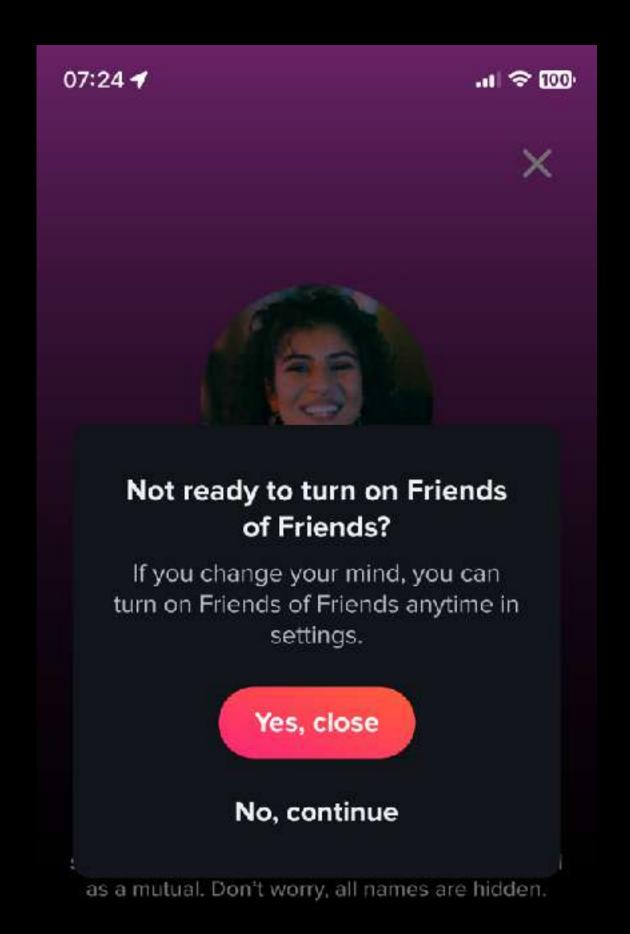
Don't:

I don't want to unsubscribe.

Do:

I want to unsubscribe.

Double negative Dark Pattern on Tinder.



Get started

Use specific verbs whenever possible.

Don't:

Get your document.

Do:

Download your report.

Use Active Voice.

Don't:

An email will be sent to you when your order has been shipped.

Do:

We'll email you when your order ships.

Provide Clear Actions.

Don't:

Click here to learn more about our services and potentially begin a trial period

Do:

Start your free trial

Use Metaphors for Complex Concepts.

Don't:

Your data is securely stored on our distributed cloud infrastructure

Do:

Your files are safe in Dropbox (metaphor of a physical safe)

«My» for ownership and possession and «Your» for guidance and customisation. «My orders».

VS.

«Change your password».

Leverage micromoments for personalization.

Don't:

Logged in.

Do:

Welcome back Andrea. (You are logged in.)

Be Conversational and Human.

Don't:

Error 404: Password not recognized. Please reenter your credentials

Do:

Oops! Looks like your password doesn't match. No worries, it happens to all of us. Please try again.

Be careful when using but use humor appropriately.

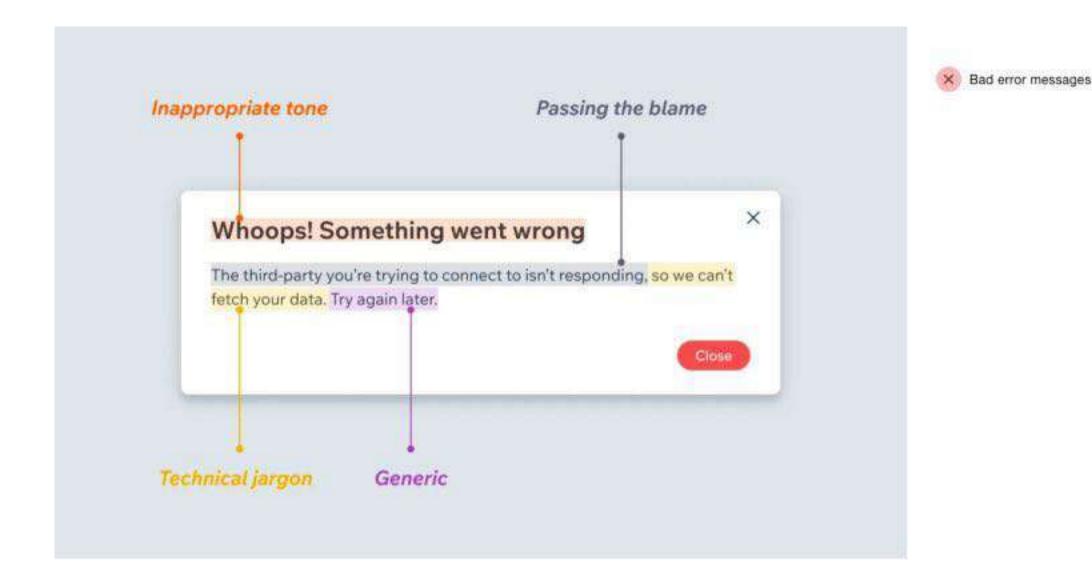
Don't:

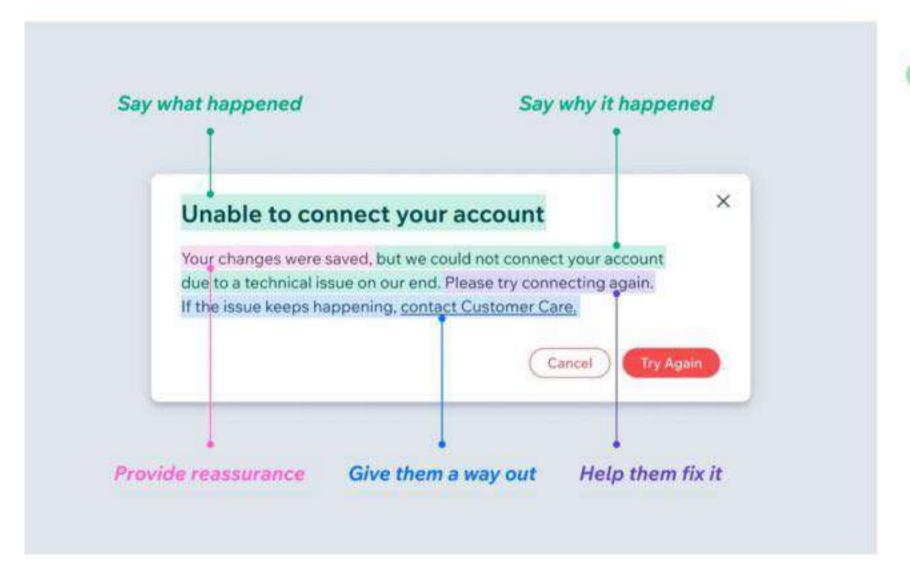
Oops! We just deleted all your files. Funny, right?

Do:

What is this? A loading screen for ants?! (slack)

When writing error messages be clear, concise, apologetic and positive. Explain what happened, offer relief, a solution and a clear CTA on what to do next.





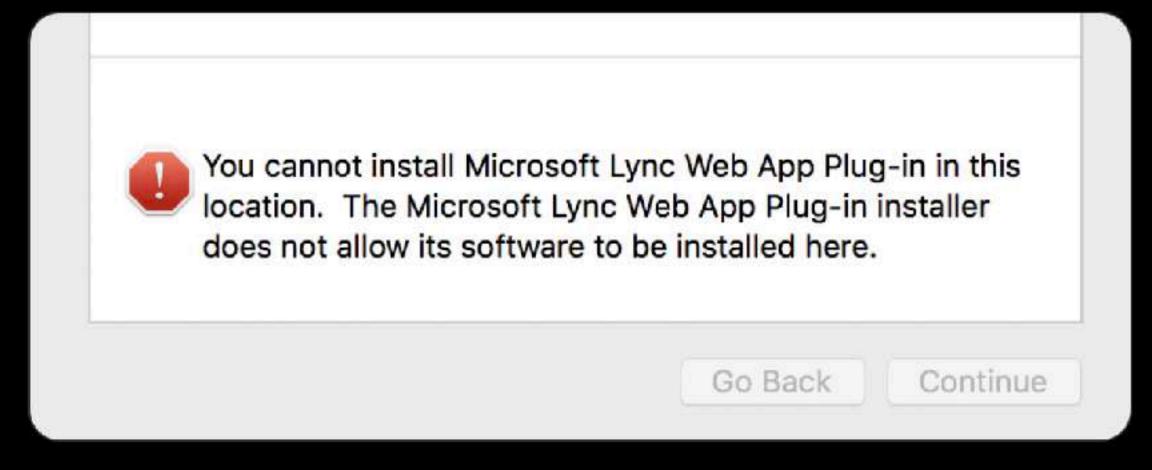
Good error messages

Bad error messages

- = Bad UX Writing
- = Bad UX



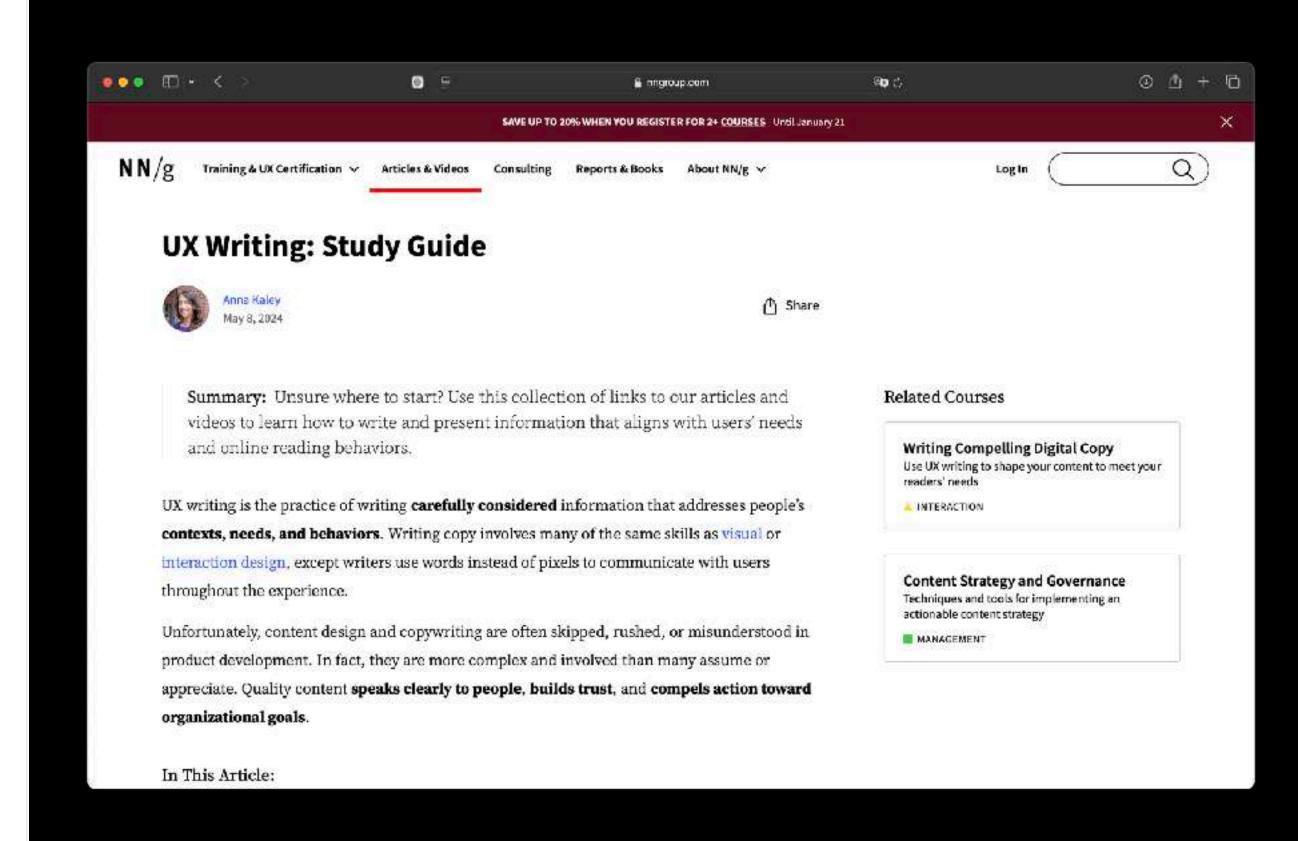
great #error #msg #ux @Microsoft – 1 msg, 2 different wordings with identical meanings, no solution offered... #uxfail #uxdesign #ux



10:10 AM - Sep 14, 2017 - Twitter Web Client

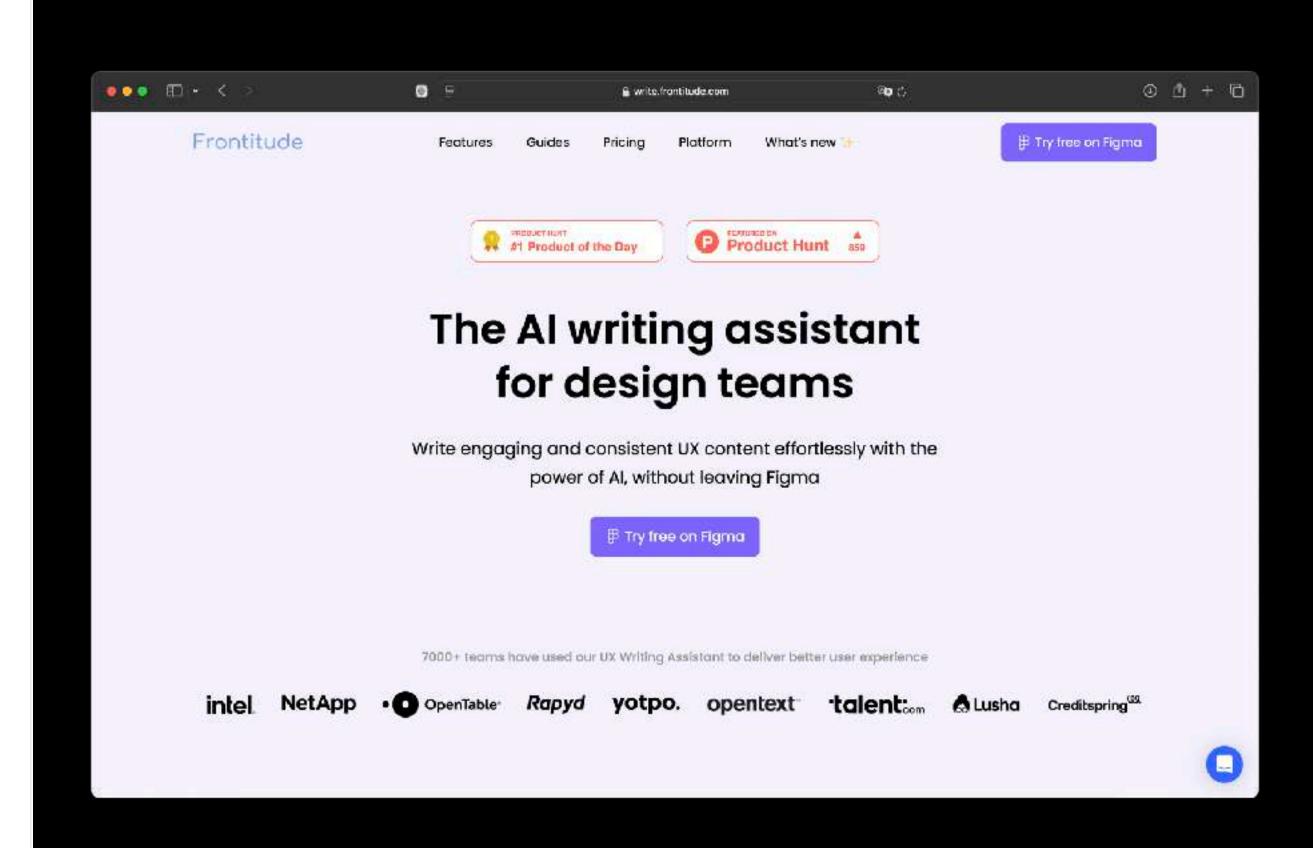
Study guide for UX writing by NNGroup

UX Writing: Study Guide on nngroup.com



Use AI to help you edit and optimize text.

E.g. https://write.frontitude.com/



Tools and Recommendations

Refer to principles and guidelines

287

10 principles of good design by Dieter Rams

vitsoe.com / visual by @Gramshandilya

10 PRINCIPLES FOR GOOD DESIGN



DIETER RAMS

OOD DESIGN IS

NNOVATIVE

The possibilities for innovation are not, by any means, exhausted. Technological development is always offering new opportunities for innovative design. But innovative design always develops in tendem with innovative technology, and can never be an end in itself.





GOOD DESIGN MAKES A PRODUCT

USEFUL

A product is bought to be used. It has to satisfy certain criteria, not only functional, but also psychological and aesthetic. Good design emphasises the usefulness of a product whilst disregarding anything that could possibly detract from it.

GOOD DESIGN IS

AESTHETIC

The aesthetic quality of a product is integral to its usefulness because products we use every day affect our person and our well-being. But only well-executed objects can be beautiful.





GOOD DESIGN MAKES A PRODUCT

UNDERSTANDABLE

It clarifies the product's structure. Better still, it can make the product talk. At best, it is self-explanatory.

GOOD DESIGN IS

UNOBSTRUSIVE

Products fulfilling a purpose are like tools. They are heither decorative objects nor works of art. Their design should therefore be both neutral and restrained, to leave room for the user's self-expression.





GOOD DESIGN IS

HONEST

It does not make a product more innovative, powerful or valuable than it really is. It does not attempt to manipulate the consumer with promises that cannot be kept.

GOOD DESIGN IS

VG-LASTING

It avoids being fashionable and therefore never appears antiquated.

Unlike fashionable design, it lasts many years – even in today's throwaway society.





GOOD DESIGN IS

THOROUGH DOWN To last detail

Nothing must be arbitrary or left to chance. Care and accuracy in the design process show respect towards the user,

GOOD DESIGN IS

ENVIRONMENTALLY-FRIENDLY

Design makes an important contribution to the preservation of the environment, it conserves resources and minimises physical and visual pollution throughout the lifecycle of the product,





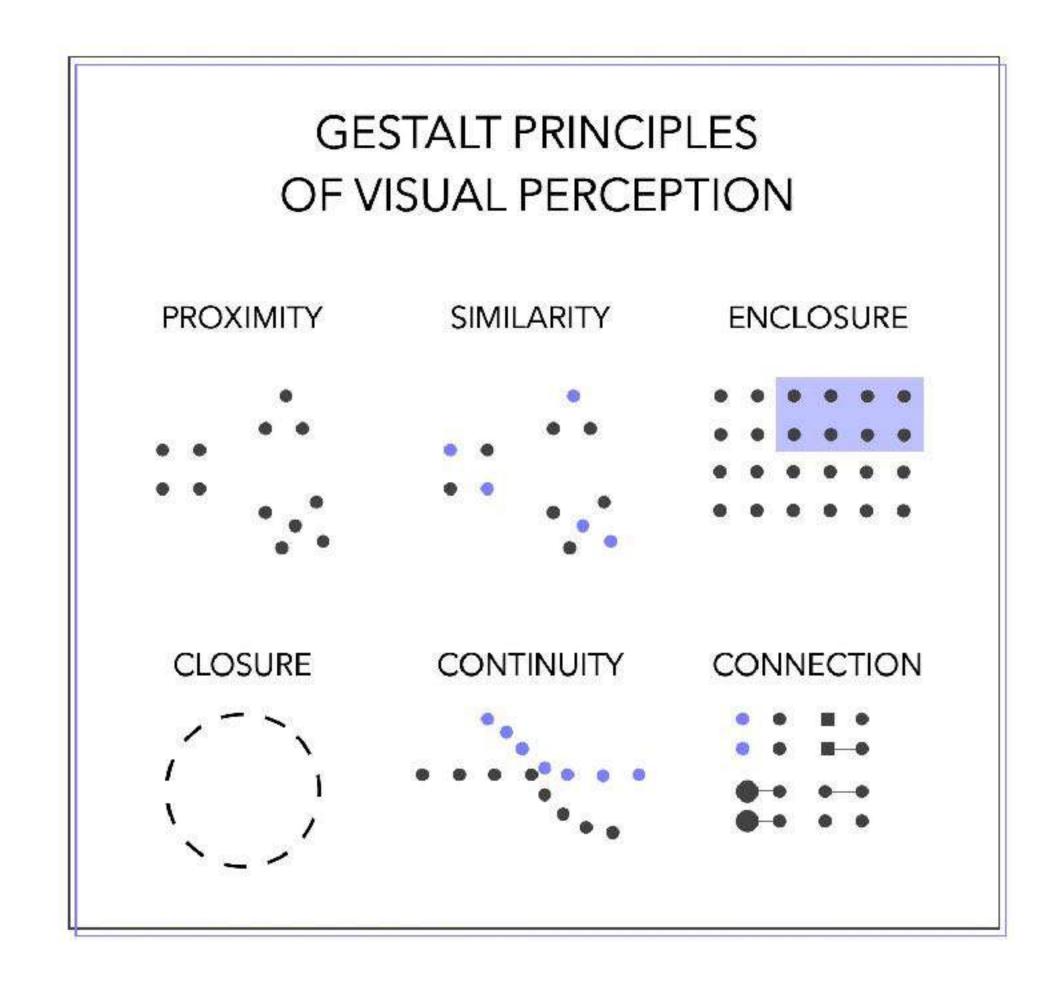
GOOD DESIGN IS

AS LITTLE DESIGN AS POSSIBLE

Less, but better – because it concentrates on the essential aspects, and the products are not burdened with non-essentials. Back to purity, back to simplicity.

@ramshandilya

Gestalt principles influence hierarchy, informational grouping, and readability.



Anastasiya Kuznetsova, Medium

Broad rules of thumb and not specific usability guidelines.

1 Visibility of System Status

Designs should keep users informed about what is going on, through appropriate, timely feedback. Nielsen Norman Group

Jakob's Ten Usability Heuristics

2 Match between System and the Real World

The design should speak the users' language. Use words, phrases, and concepts familiar to the user, rather than internal jargon.

3 User Control and Freedom

Users often perform actions by mistake. They need a clearly marked "emergency exit" to leave the unwanted state.

4 Consistency and Standards

Users should not have to wonder whether different words, situations, or actions mean the same thing. Follow platform conventions.

5 Error Prevention

Good error messages are important, but the best designs prevent problems from occurring in the first place.

6 Recognition Rather Than Recall

Minimize the user's memory load by making elements, actions, and options visible. Avoid making users remember information. 7 Flexibility and Efficiency of Use

Shortcuts — hidden from novice users — may speed up the interaction for the expert user.

Aesthetic and Minimalist Design

Interfaces should not contain information which is irrelevant. Every extra unit of information in an interface competes with the relevant units of information.

P Recognize,
Diagnose, and
Recover from Errors

Error messages should be expressed in plain language (no error codes), precisely indicate the problem, and constructively suggest a solution.

10 Help and Documentation

It's best if the design doesn't need any additional explanation.

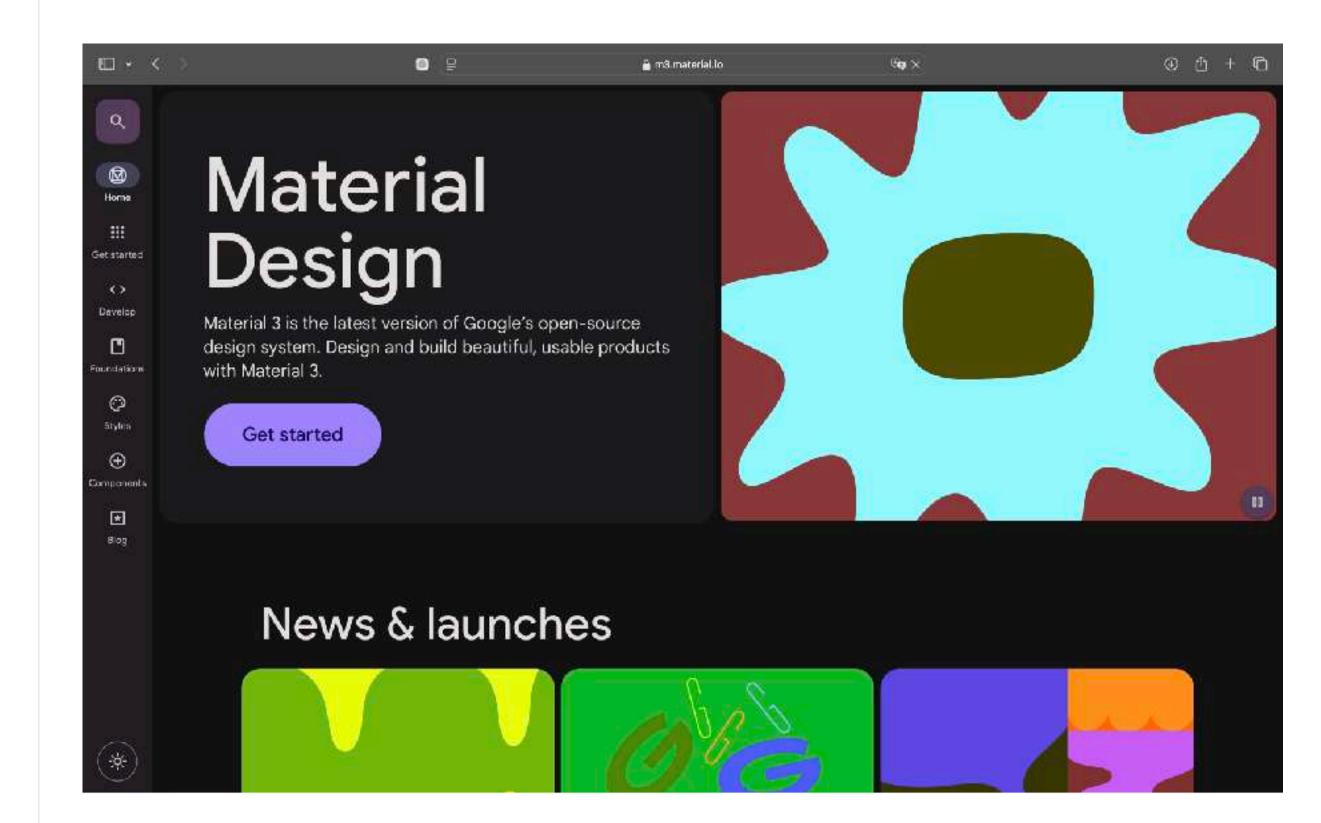
However, it may be necessary to provide documentation to help users understand how to complete their tasks.

NN/g

www.nngroup.com/articles/ten-usability-heuristics/

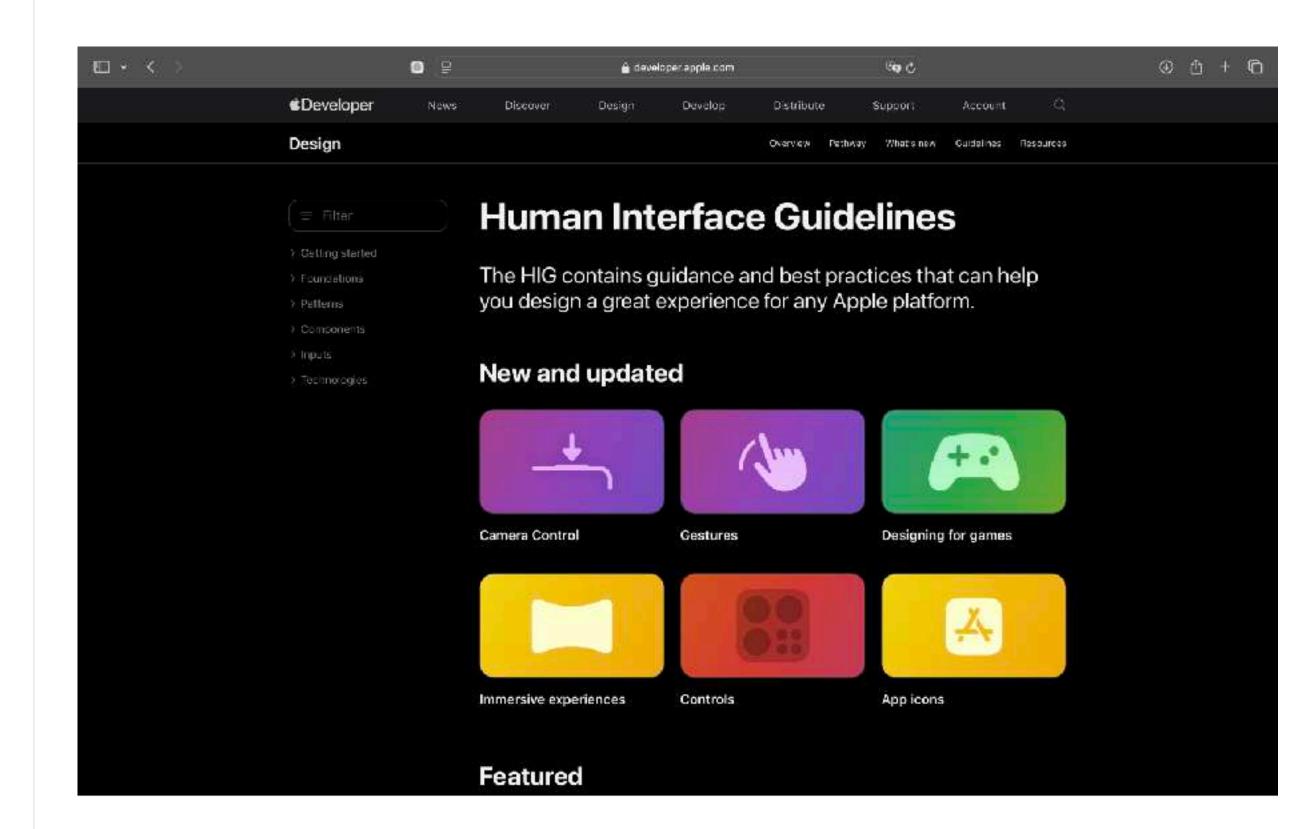
Google Material Guidelines

https://m2.material.io/design/motion/the-motion-system.html#container-transform



Apple HCI guidelines

https://developer.apple.com/design/human-interface-guidelines



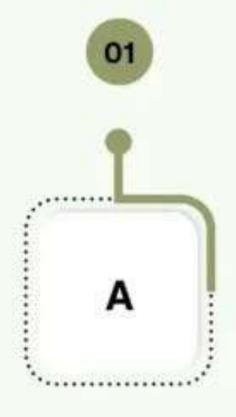
Curb-Cut Effect:

Designs for disabilities (accessibility) often benefit everyone (4 principles: perceivable, operable, understandable, robust).

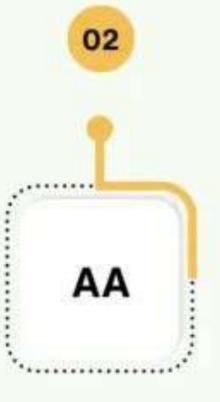
Google & W3C/WCAG (2.2. since Oct 2023)

3 levels of

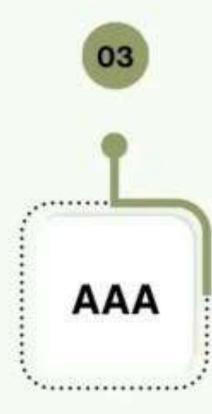
WCAG 2.2



The easiest level, provides limited accessibility.



The recommended level for most web content.

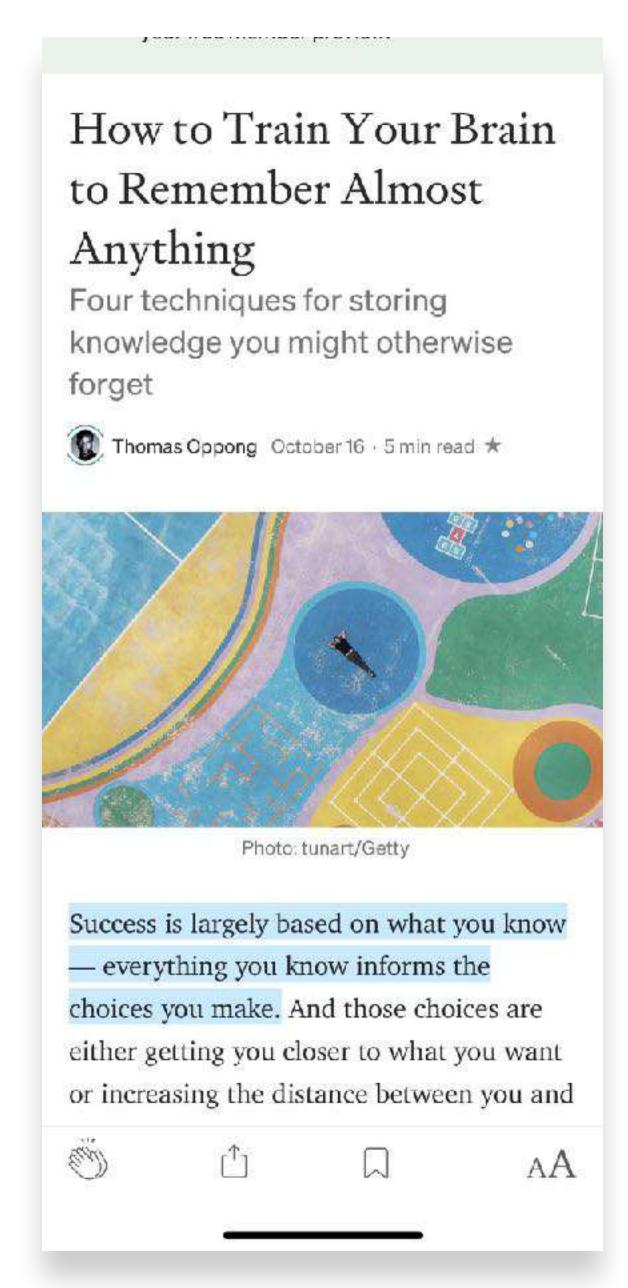


The hardest level, not suggested for full compliance as it's not always possible.

Structure, Hierarchie & Scale

Using relative size to signal importance and rank in a composition (ideally 3 levels).

Via NN Group



You will read this AND YOU'LL MOST LIKELY LEAVE THIS FOR LAST

And then you'll probably read this immediately afterwards.

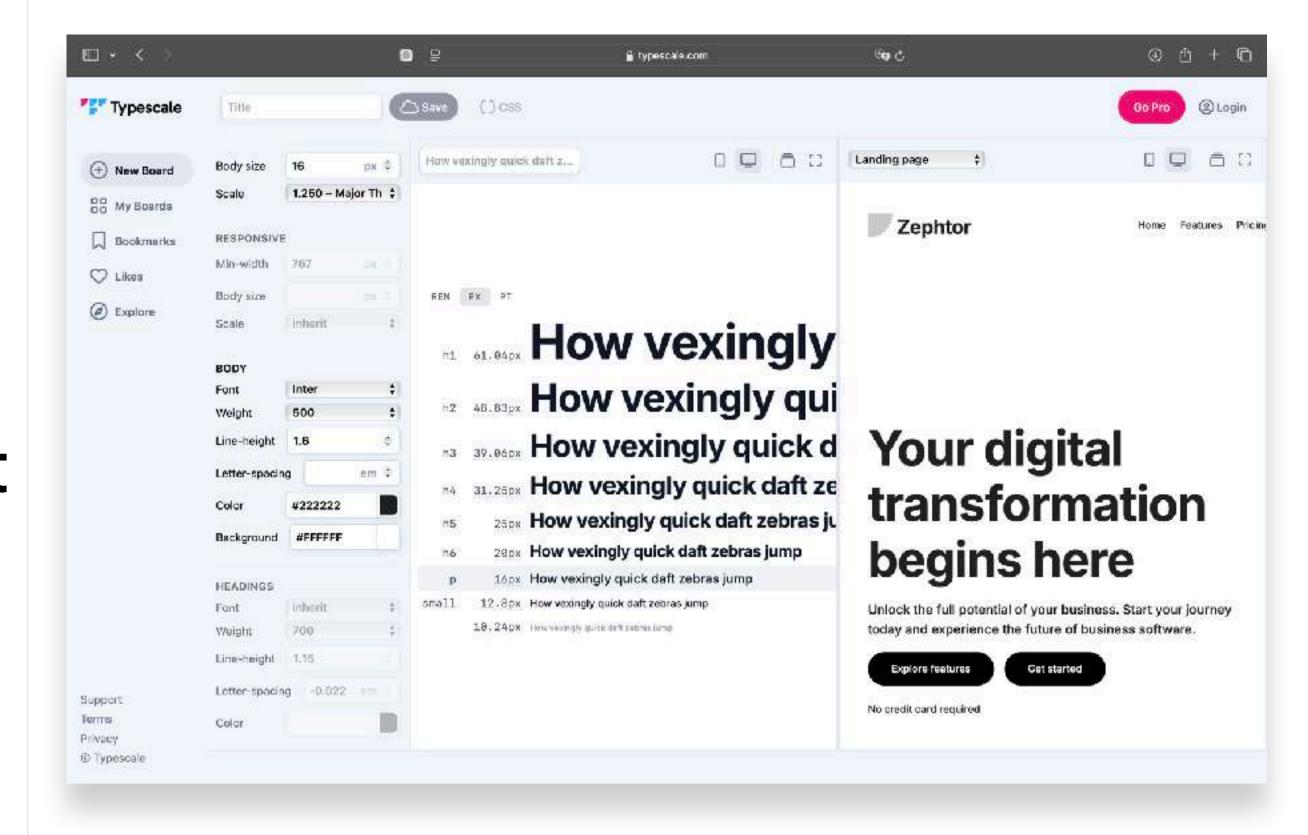
Guiding the eye on the page so that it attends to different design elements in the order of their importance.

You will read this for LIKELY LEAVE THIS FOR LAST.

And then you'll probably read this immediately afterwards.

Typography

Use font tools, a 16px base font and e.g. «major third scale» and round to the next 4th (e.g. h5: 25px > 24px)



https://typescale.com/

Aa

Aa

Poppins - Bold

Poppins - Medium

Poppins - Regular

Poppins - Light

Lora - Bold

Lora - Medium

Lora - Regular

Lora - Light

Label / Sans Serif	DINNER TABLES	#080A0B opacity: 50%		
Heading / Serif -	Wooden Table		#080A0B opacity: 100%	
Body / Sans Serif	Introducing our stunning des wooden table, the perfect ac modern home. Crafted from quality oak wood, this table to beautiful natural grain and ri that adds warmth and chara room.	dition to any premium poasts a ch texture		#080A0B opacity: 80%

Uizard

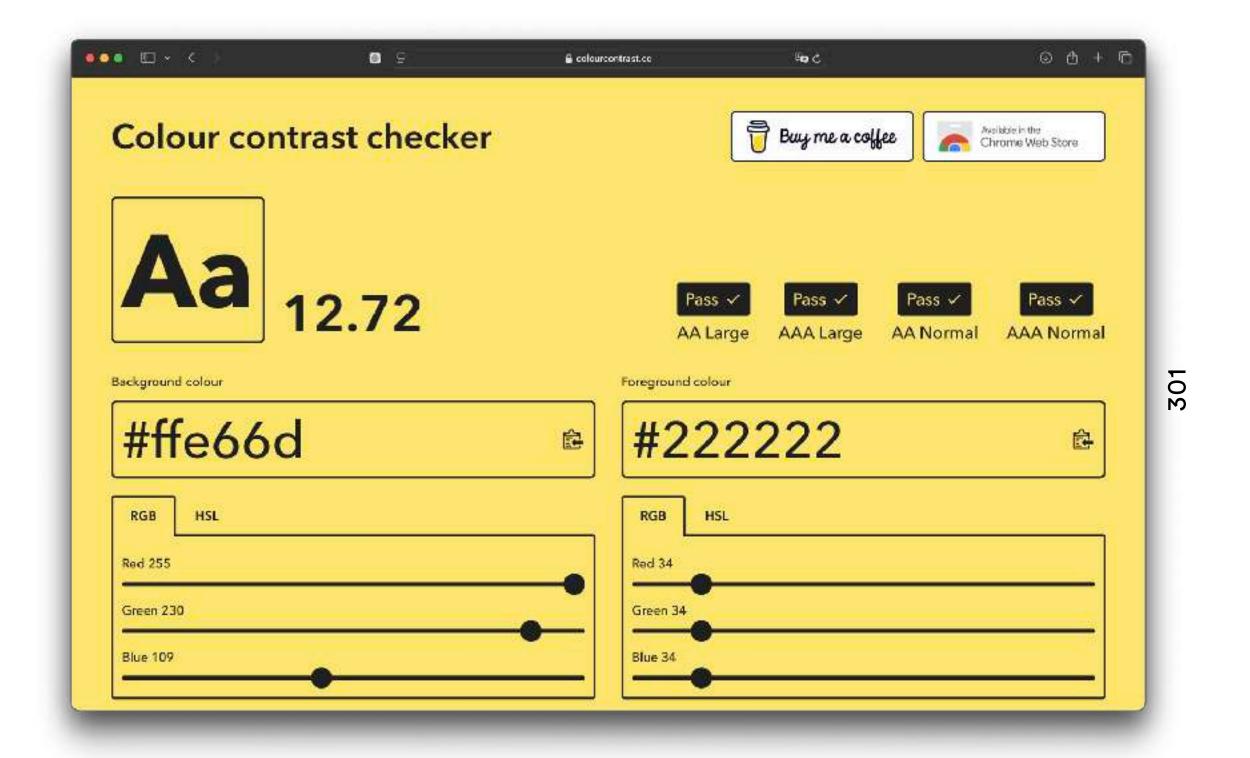
Display	Medium	48px
Headline	Regular	32px
Title	Medium	24px
Body	Regular	16px
Label	Bold	12px
Link	Regular	12px
Button	Medium	16px

- Max. 1-2 typefaces
- Use web-fonts

Uizard

- Min. size 16px (1rem/em)
- Min. spacing 1.5 for copy
- Max. 60-80 characters per line
- Contrast: 4.5:1 regular / 3:1 large typo

Think «accessibility» and use enough contrast (there are tools for that)



https://colourcontrast.cc/

Grids (structure)

Remember Swiss Design (making layouts great again since the 1920s)

Swiss Style Grid System Size 841 × 1189 mm ISO 216 AO Baseline Crid 96 pt Margins 47,197 pt

Swiss Style Poster

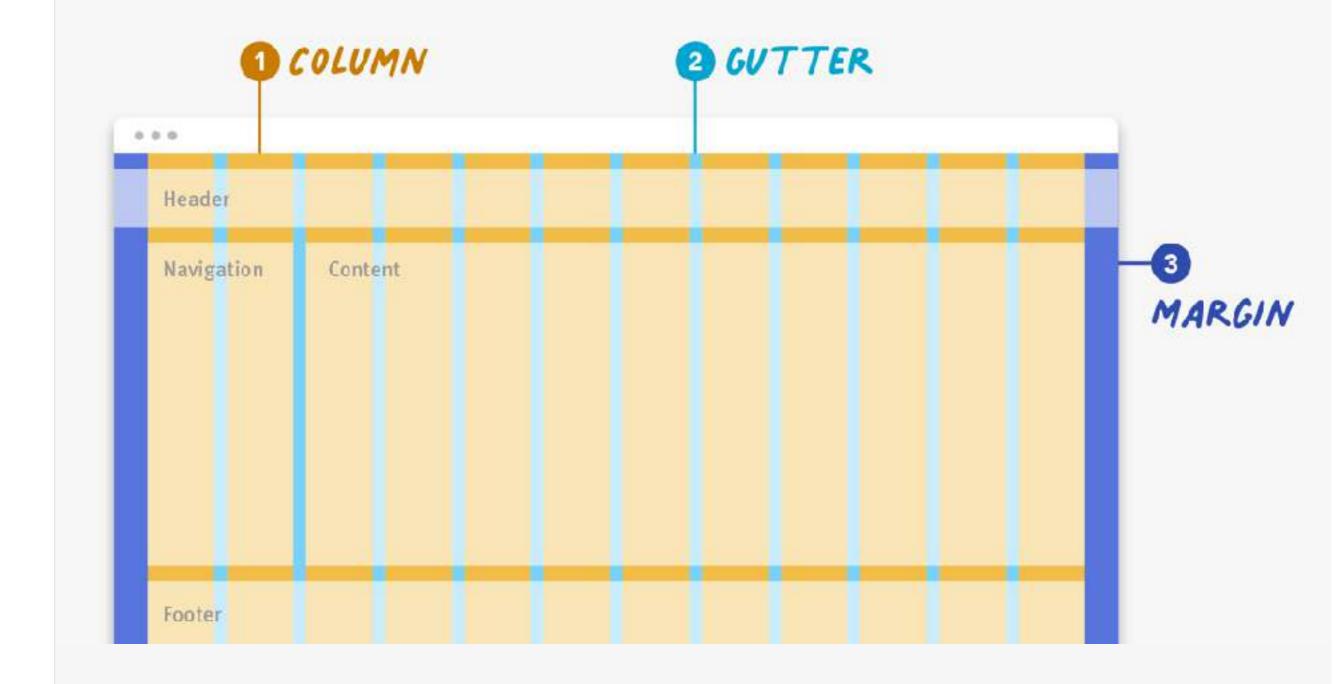
Typographic Style, also known as the Swiss Style, is a graphic design style that emerged in Russia, the Netherlands, and Germany in the 1920s and was further developed by designers in Switzedend during the 1950s.

The international Typographic Style has had protound influence on graphic design as a part of the modernist movement, impacting many design-related fields including architecture and art.

If emphasizes cleanness, readability and objectivity. Halmarks of the style are asymmetric layouts, use of a grid, sans-sonil typefaces like Alcadenz Crotesk, and flush left, rapged right fext. The style is also associated with a preference for photography in place of illustrations or drawings.

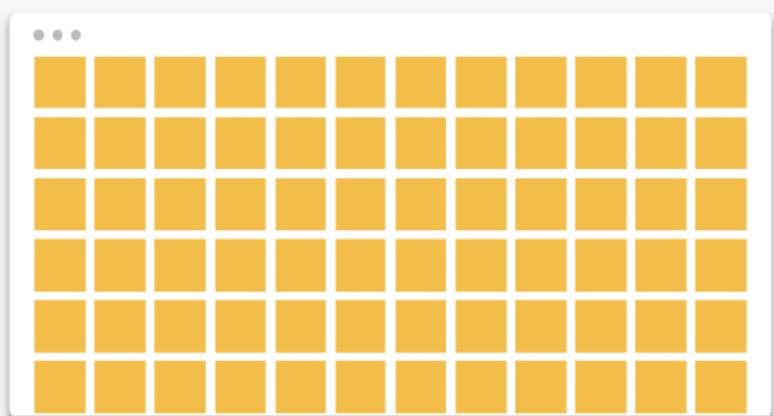


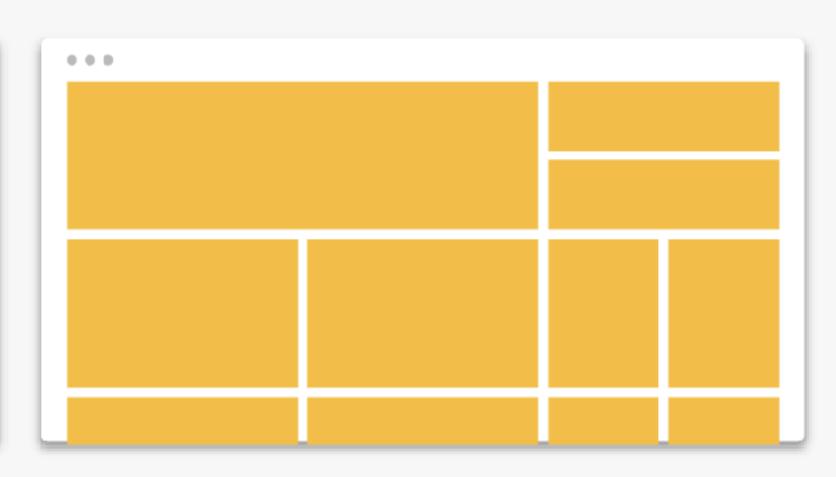
Grids create clarity and consistency, provide structure and guidance, speed up design process and improve collaboration.



Common Grid Structures in Websites and Interfaces







COLUMN

Desktop commonly uses 12 columns

MODULAR

Great for ecommerce and listing pages

HIERARCHICAL

Content organized by importance

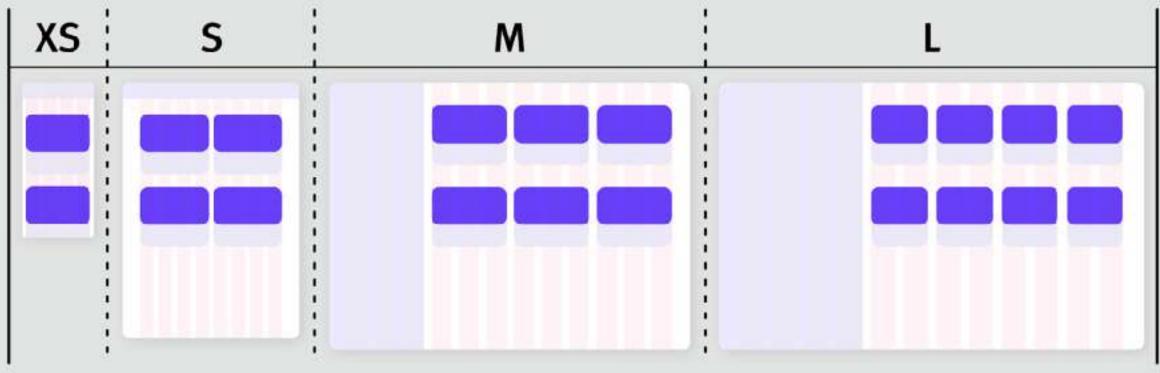
XS: < 500px: 4 col

S: 500-1200px: 8 col

M: 1200-1400px: 12 col

L: > 1400px: 12 col

Common Breakpoints in Responsive Design



NNGROURCOM NN/g

- Choose the right grid (e.g. 12 columns)
- Use responsive grids
- Enough white space (gutter/margin)
- Align content with columns (not gutter)
- Use the rule of thirds
- Use the golden ratio (1:1.618)
- 8-px grid has become a standard.

309

Color Psychology

RED



Action, ambition, attention, confidence, danger, energy, love, lively, passion, power, strength, urgency, warmth.



Activity, creativity, confidence, energy, enthusiasm, excitement, friendliness, harvest, optimism, warmth, youthfulness.

ORANGE

GREEN





Cheerful, energy, friendliness, freshness, happiness, joy, optimism, positivity, warm, youthfulness.



Balance, fresh, growth, health, joy, kindness, luck, maturity, nature, prosperity, restoration, soothing, wealth.

BLUE



Calming, clean, conservative, integrity, patience, peaceful, security, serenity, stability, trust, wisdom.



Healing, imagination, peace, protection, sophisticated, spiritual, wisdom.

TURQUOISE

PURPLE

GOLD

BLACK

PINK



Affection, compassion, feminine, healthy, happy, optimism, playful, romance, softness,



Ambition, creative, honor, intuition, luxury, majesty, mystical, royalty, sensitivity, spiritual, success, wealth, wisdom.

BROWN



Approachable, comfortable, friendly, organic, practicality, security, strength, stability, warmth.



Bling, glowing, luxunous, prestigious, prosperity, radiant, rich, traditional, valuable, wealth, wisdom.

GREY



Balance, calm, mature, minimal, intelligence, neutral, reliable, sleek, solid, stability



Classy, dramatic, elegance, exclusivity, formality, glamour, luxury, mystery, power, protection, sophistication.

SILVER



Classy, cool, glamorous, graceful, high tech, magical, modern, sleek, stylish.

WHITE Clean, easy

Clean, easy, freshness, goodness, hope, imagination, innocence, light, minimalist, modern, peace, purity, simplicity.

Google UX Design Course & Glovery Design

Colors convey emotions,

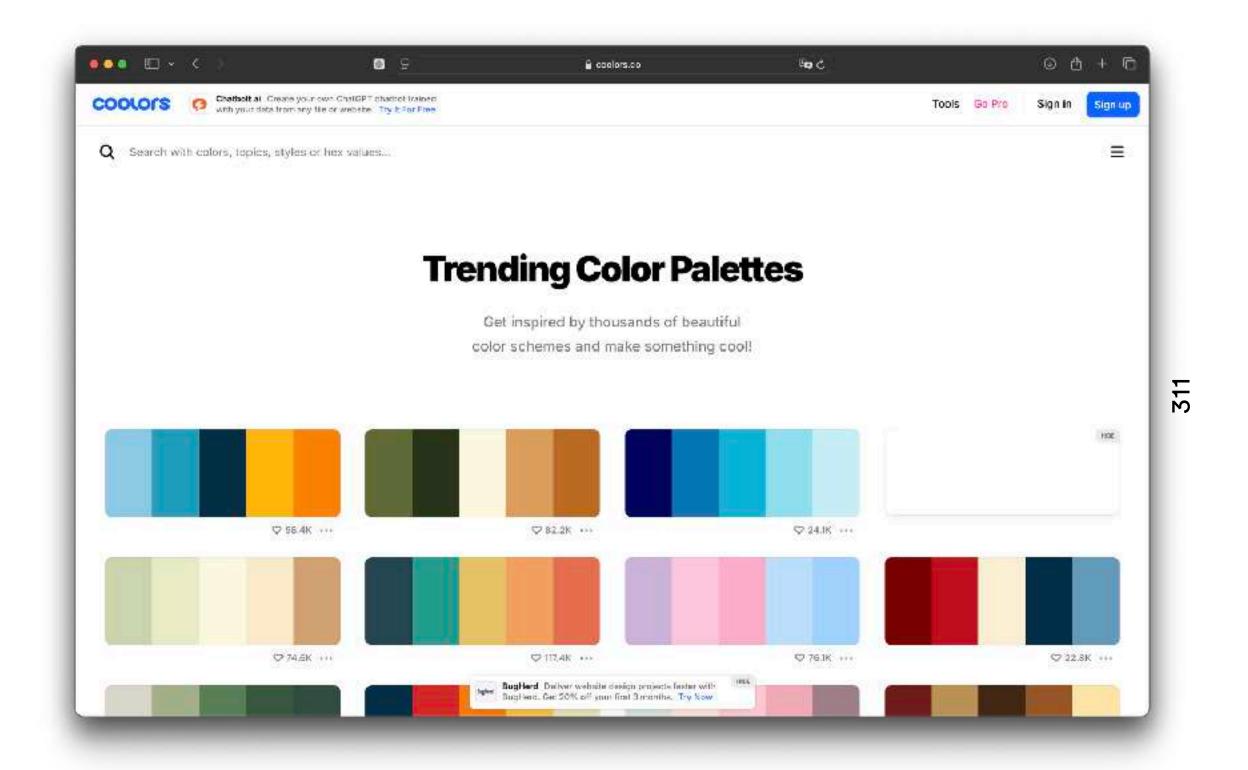
signal actions, and add

variety.

Use DIY color palette generator tools to define pre-sets (Monochromatic, Adjacent Colors, Triad, Tetrad).



Use AI or «smart» color palette generator tools.

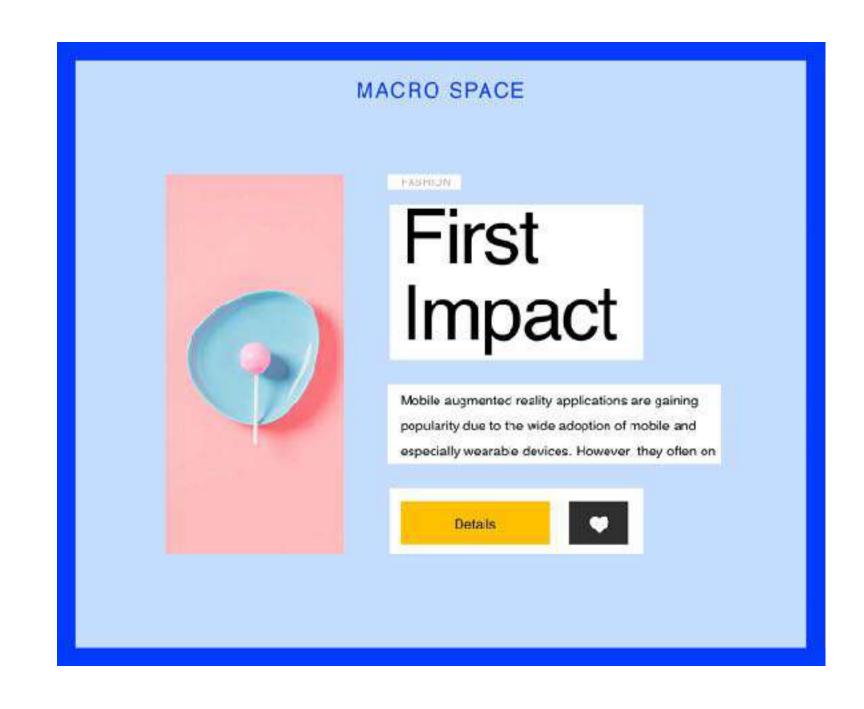


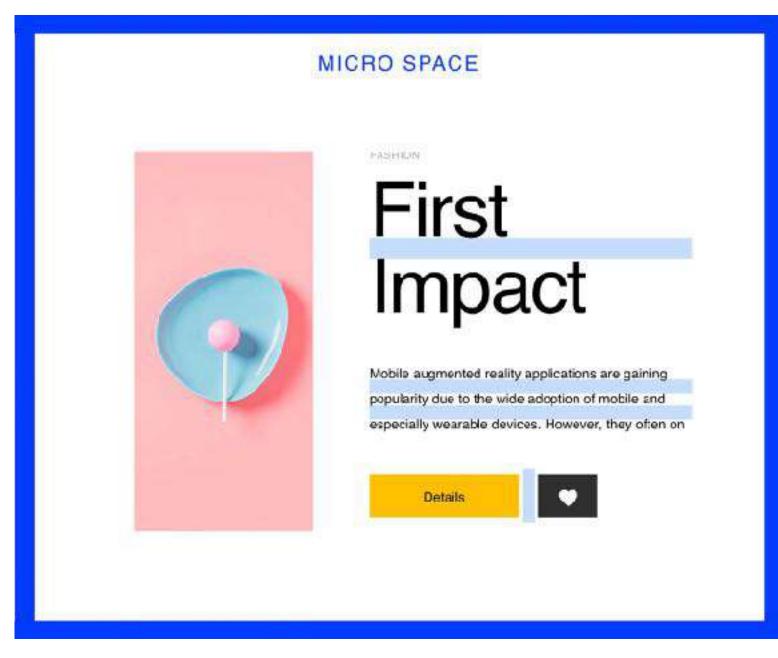
https://coolors.co/

Negative & Whitespace

Negative/Whitespace (macro & micro).

https://uxspot.io/ (whitespace in visual is light blue)





60-30-10 rule:

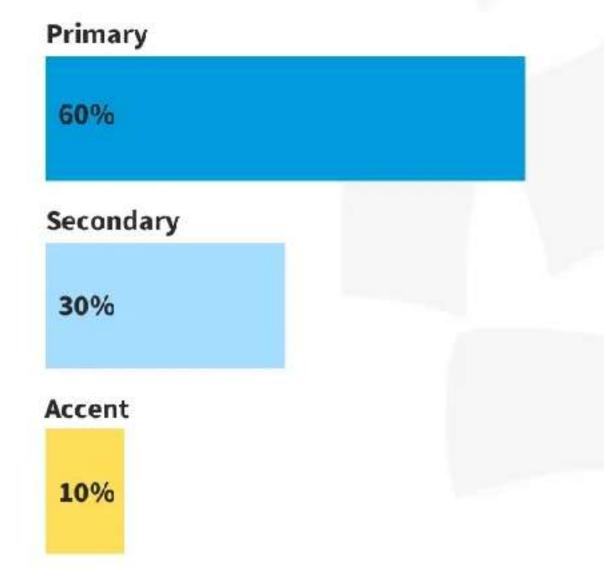
60: dominant / background

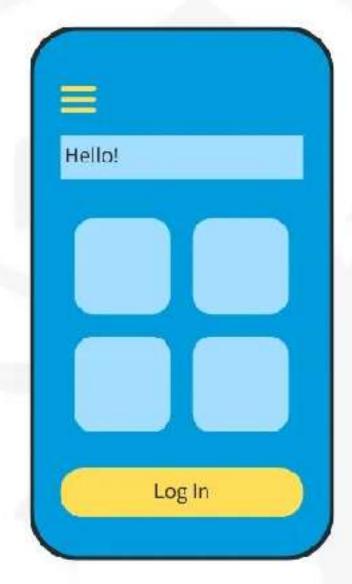
30: supportive elements

10: accent / CTA

60-30-10 Rule



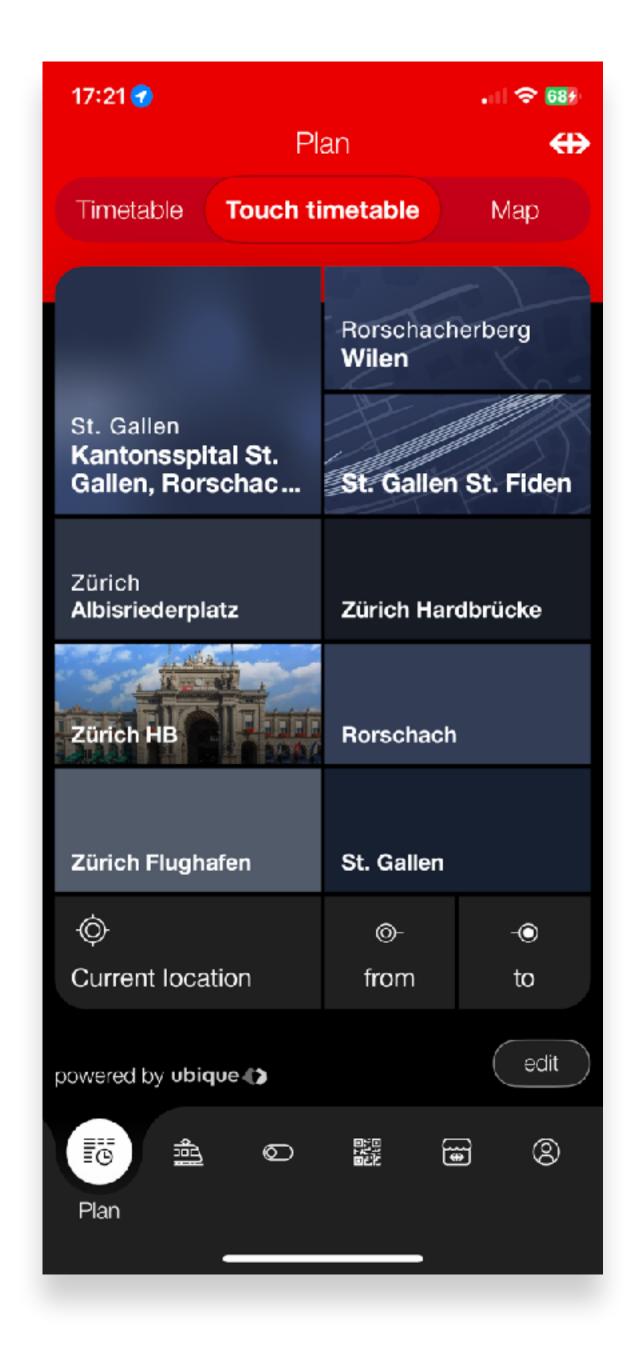




Interaction Design Foundation interaction-design.org Use familiar icons



Use labels if possible (what do these custom icons mean?)



Use labels if possible (no questions asked about the meaning of the labeled icons)

Trainline

Live times & tickets from: Departure station to: Arrival station Via / Avoid Arrivals Flexi & Single Outbound Today, Now > 8 1 Adult > Add railcard > Find times and prices Q My Tickets Sign in Favourites Search

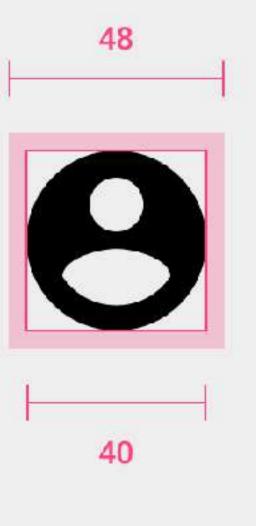
9:41

all 후 💳

Use enough spacing for click or tap (tap targets):

Google: 48×48

Apple: 44×44





Google Material / Apple

Know the rules to break them.



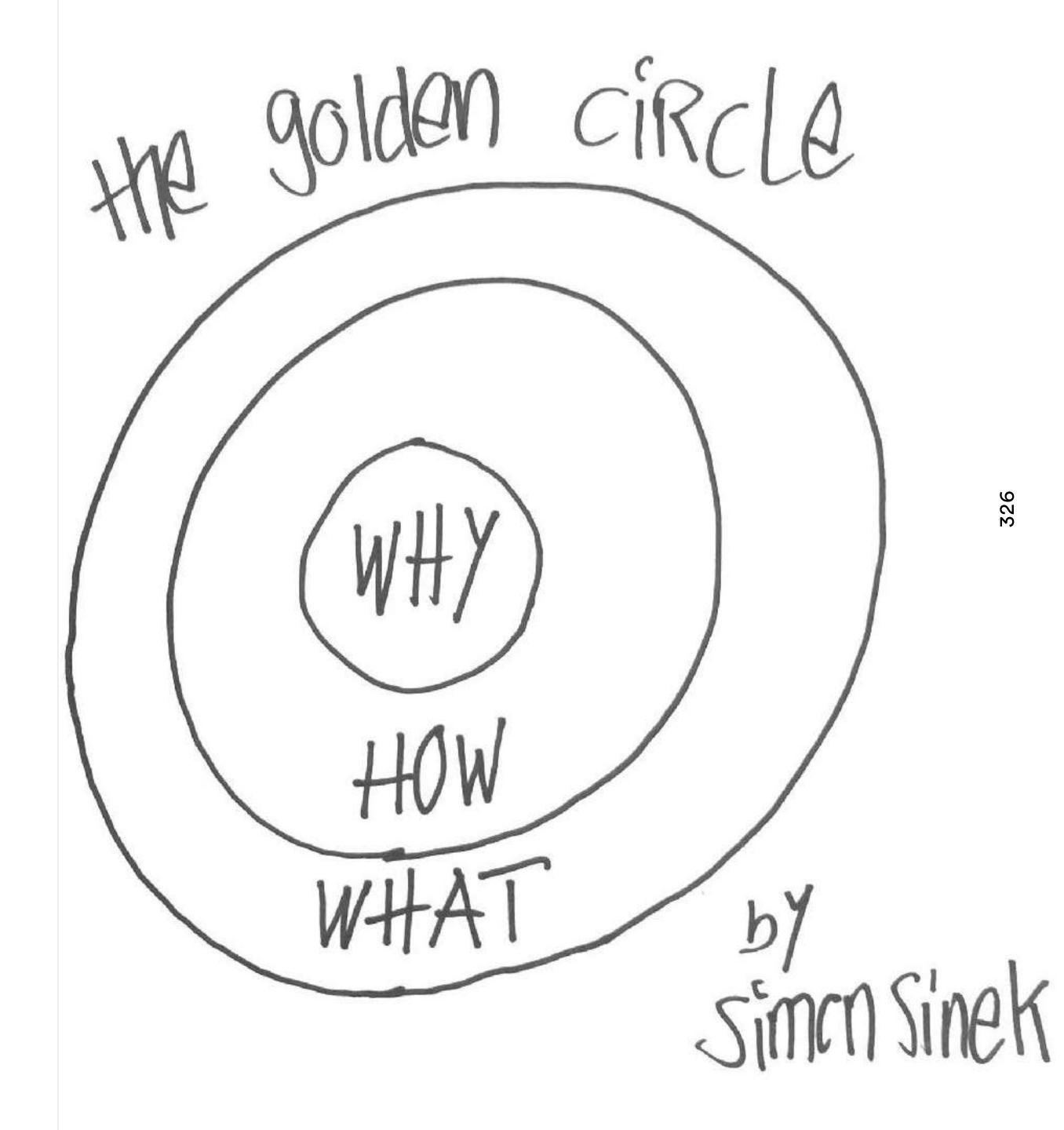
Wrap Up Recap

Notion knowledge base



Have a new perspective on UX and how to apply it in your work.

Designing an experience is like telling a story.



Experience Design Goal

Understand why and how story principles boost UX.

«The basic elements of a story are always the same.»



7

Experience Design

UX & Story Principles
Elements of a good story & UX



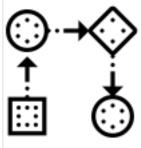
Reason why



Main character



Start with a conflict



Structure



Creation of awareness

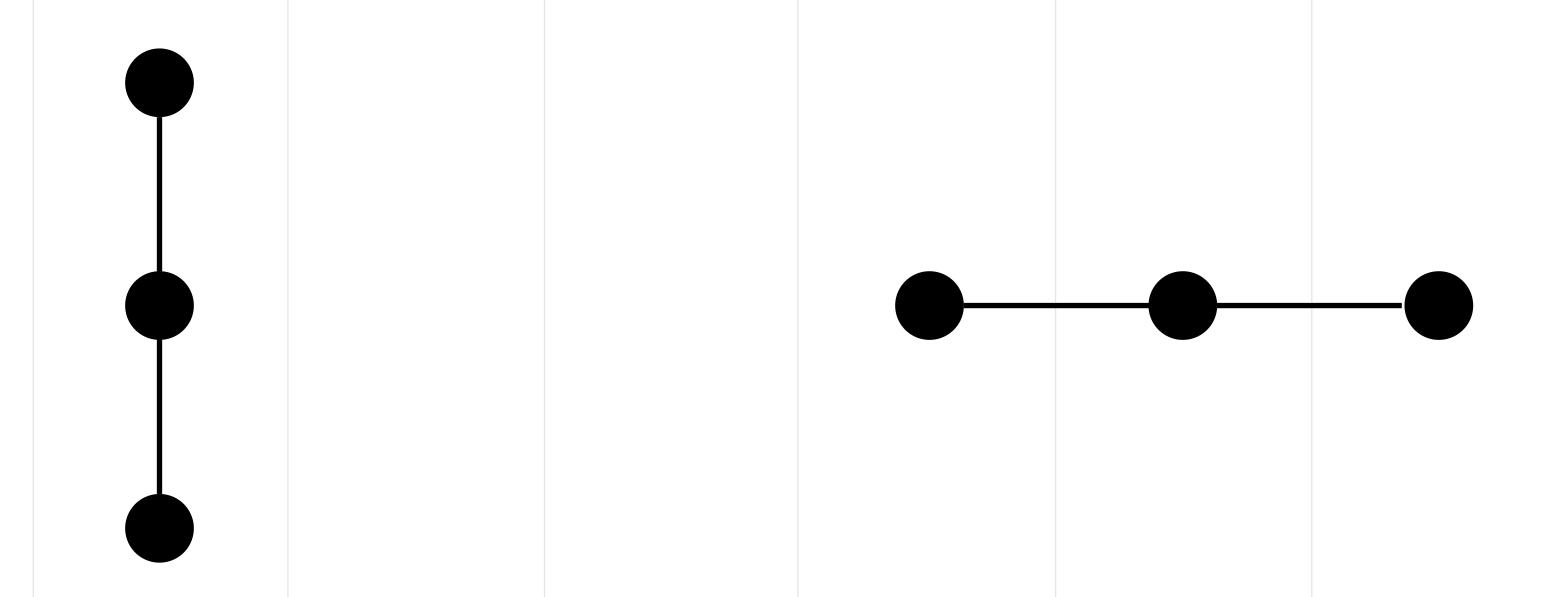


Virality

Quelle: https://uxdesign.cc/6-storytelling-principles-to-improve-your-ux-737f0fc34261 Basis: Storytelling – Die Zukunft von PR und Marketing (Petra Sammer, 2017) Experience Design Goal

Know how to map your product/brand experience and improve your entire user journey.



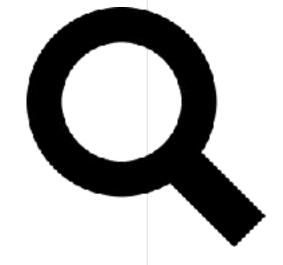


It is about connecting the dots in a meaningful way to create value and joy.

1

Experience Mapping

Making sense of a cross-channel experience by Adaptive Path









UNCOVER THE TRUTH

Study customer behavior and interactions across channels and touchpoints

CHART THE COURSE

Collaboratively synthesize key insights into a journey model

TELL THE STORY

Visualize a compelling story that creates empathy and understanding

USE YOUR MAP

Follow the map to new ideas and better customer experiences

Activity – Process

Artifact / Experience Map – Result

Attention and to details: Visual, functional and content.

Wrap Up Final Q&A & Feedback

Thank you & Say hello

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zürich, 2024