



Agenda

- The importance of CX Insights from Forrester
- Experience Design & Why a Design System
- What is a Design System
- Design Systems in Practice
- Why this Matters to your Organization
- Q&A



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FORRESTER® CHALLENGE THINKING. LEAD CHANGE.







The experiences that you create matter.

Customer Experience (CX): How customers perceive their interactions with your organization over time



Great CX drives business results:

5.1x

Revenue growth of CX leaders over laggards⁴

4.5x

Willingness to pay a price premium of customers who have excellent versus very poor experiences⁵

2.7x

The operating margin for companies with engaged employees⁶

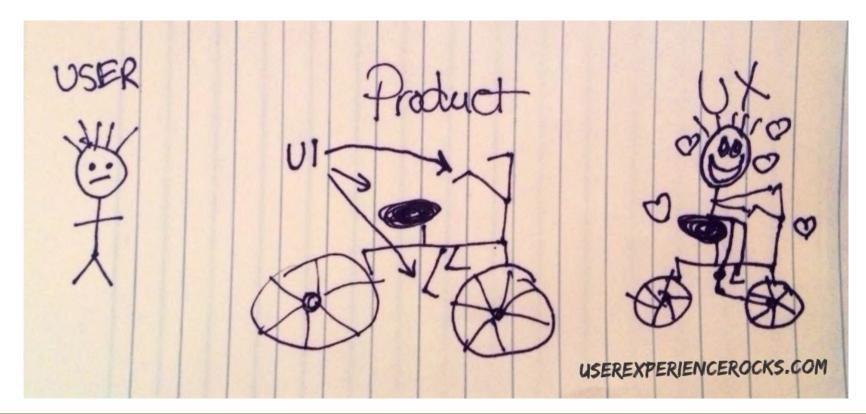
And there is urgency:

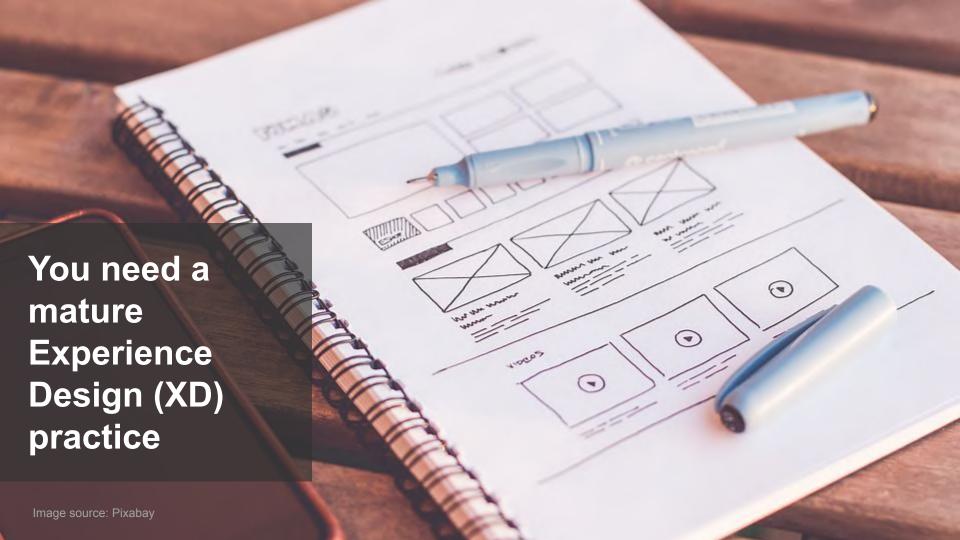
Digital disruption lowers Netflix has 65 million subscribers, barriers to entry. about 3x more than Comcast.1 San Francisco has seen a 65% Hyperadoption reduces drop in average trips per taxi customer loyalty. following Uber's entry to the market.2 With over 53.5 million workers, A changing workforce makes Millennials surpassed Gen X as the it harder to retain talent. largest generation in the workforce.3

Customer Experience (CX): How customers perceive their interactions with your organization over time



User experience (UX): How a user interacts with a product, service, or system





Experience design...

creates products, services, or systems that are perceived to be easy, effective, and emotionally engaging by the people who use them.

Experience design is:

Defining and refining experiences based on your vision and research-based customer understanding.

XD follows a user-centered design process



Research your users and their behaviors



Analyze
your findings
to define the
problem



Ideate
a range of
solutions



Prototype solutions using an iterative process



Validate
solutions
directly with
customers
and users

Source: Icons from the Noun Project

Effective XD leads to:

- More accurate requirements □ lower engineering costs
- **>**Less customer confusion □ lower support costs
- ▶Better experience ☐ greater adoption of self-service
- → Higher quality experience □ increased customer loyalty
- ▶Positive word of mouth □ more referrals; less marketing



"The role of design in the eyes of many has been just to 'make it pretty.' Our business partners get more value from my team when they think of us as problem solvers, not just artifact creators."

- Heidi Munc, AVP of UX, Nationwide Insurance



As XD grows...

- **>XD gains influence:** 83% indicated that UX is responsible for designing digital experiences, 53% are also responsible for designing services.
 - More demand for <u>time</u> and <u>people</u>.
- **>XD** is working in agile: 85% of companies in our survey are using or shifting to an Agile process.
 - More demand for <u>speed</u> and <u>collaboration</u>.
- **>XD** is decentralized: 16% sit in a decentralized structure, 36% are some combination: certain functions centralized, others embedded.
 - More demand for <u>consistency</u>.

Source: Forrester's Q2 2018 Global Organizing For Experience Design Online Survey; "How To Scale Your Design Organization" Forrester report.

Your process has to adapt.

- >Formalize processes and publish documented specifics.
- Strengthen Agile-based design/development collaboration.
- > Foster new idea incubation.

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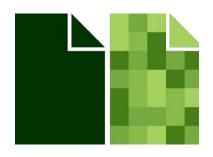
Is your company ready?

Establish	Do you have a documented design system?	
standards and processes	Have you established a DesignOps function and allocated at least a portion of one team member's time to leading it?	
	Have you aligned as a team on which steps and artefacts in your design process are negotiable and which are required?	
	Do you invest in research focused on building a better understanding of customer segments and apply this understanding across projects?	

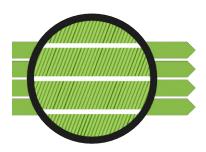
Source: October 18, 2018, "How To Scale Your Design Organization" Forrester report.

The design system.

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68% of survey respondents indicate that they use a design system



65% use design systems more than they did two years ago

Source: Forrester's Q2 2018 Global Organizing For Experience Design Online Survey

Design systems help XD scale and amplifies outcomes with:



- Defined standard components
- Secured buy-in
- Documented decisions

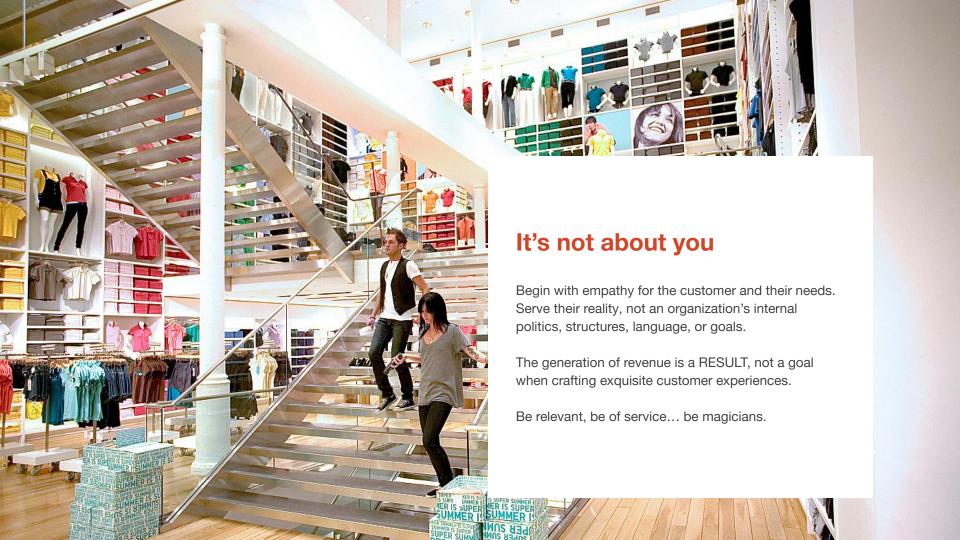


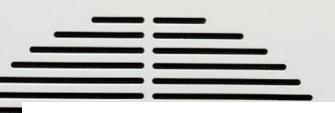
- Improved collaboration with development
- Included code to expedite the process



- Onboard new employees
- Scale insights across the organization

Experience Design & Why a Design System?





Just because you can...

Doesn't mean you should.

The soul of experience design is to simply, smoothly, and directly identify and facilitate the goals of others.

Fashions of design, extraneous distractions, badly considered paths, "rethinking" basic patterns, unless they are smoother and more reductive, are hubris.

If you make any design decision based on yourself, you have failed before you have begun.

BRAUN







volumen



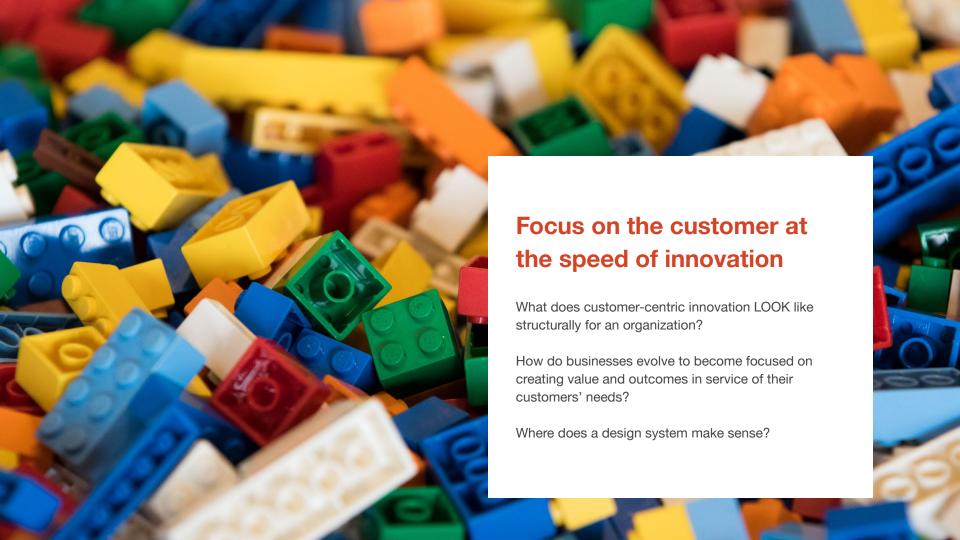
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320 -	1400		
300 -			- 100
200 -	1200	42	
260 -	- 1000	38	- 98
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200 -	800	30	
	700	22	
180 -		18	92
	600	54	
160 -	- 550	10	- 90
150	300	0	
		2.1	F 5X





"Indifference towards people and the reality in which they live is actually the one and only cardinal sin in design."

Dieter Rams



"You have to start with the customer experience and work backwards to the technology."

Steve Jobs



(where "X" means "don't do it")

Product Mindset

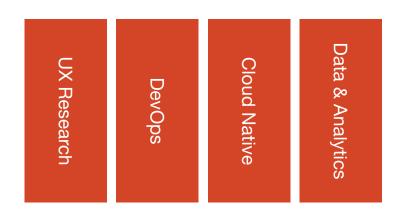
Product Mindset

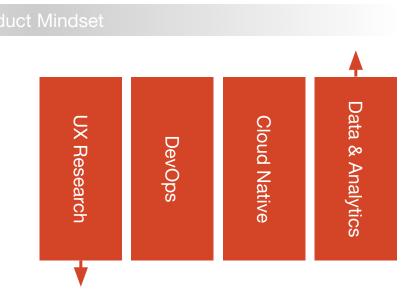
UX Research

Product Mindset

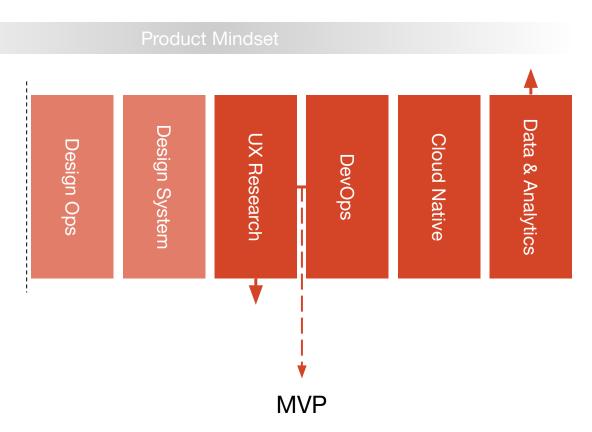


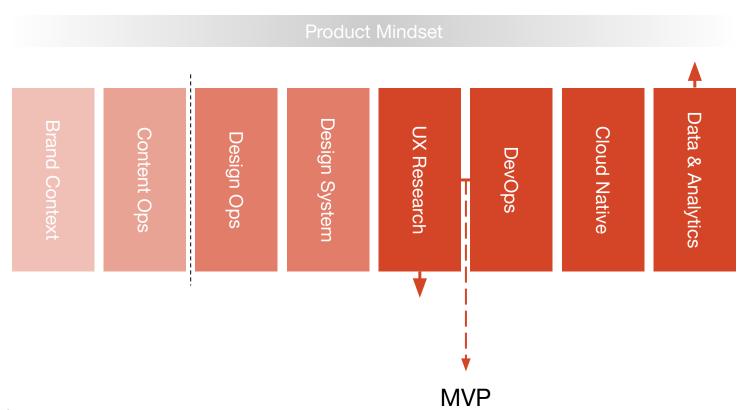
Product Mindset

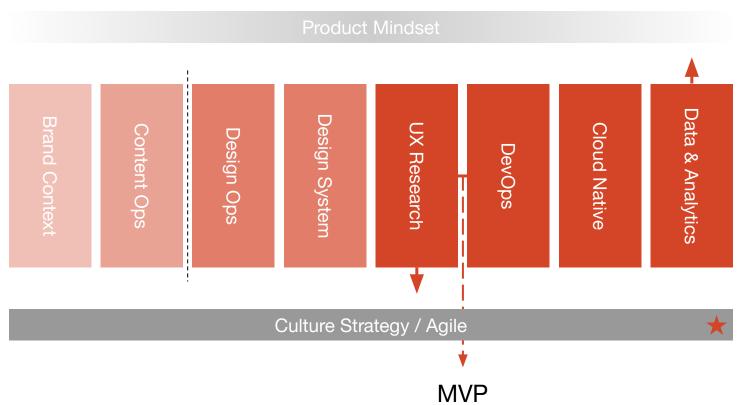


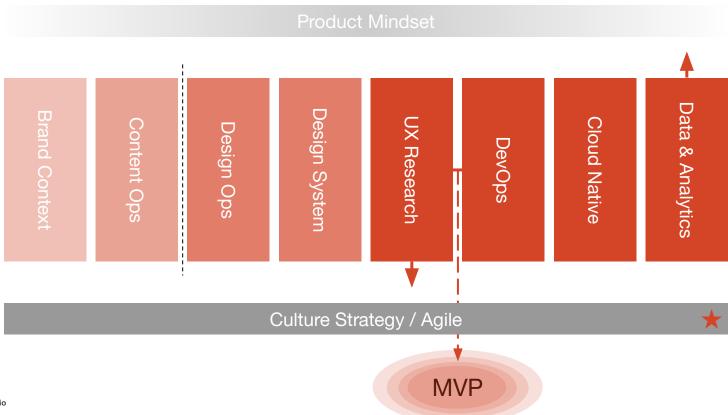


Data & Analytics **UX** Research Cloud Native DevOps **MVP**







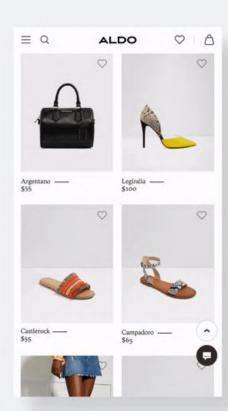




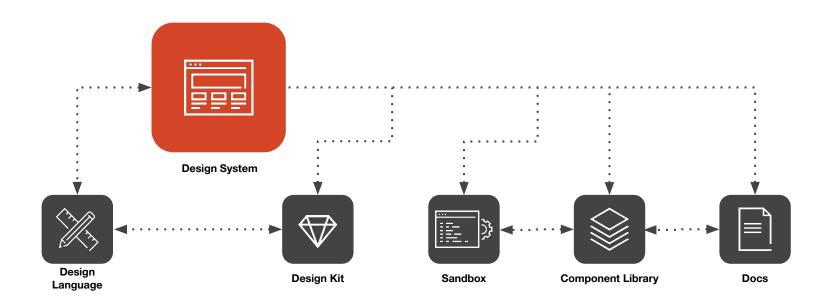
What is a Design System?

"A Design System is a systematic approach to product development — complete with guidelines, principles, philosophies, and code."

Structure of a Design System



A Design System in Practice

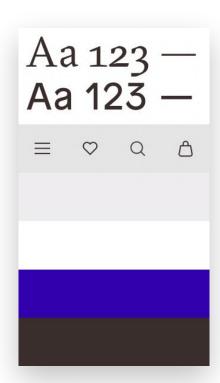


Design Language

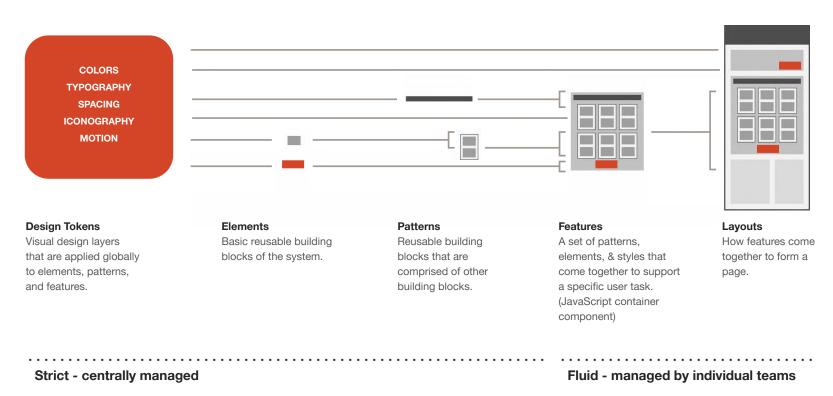
The essence of your brand in the digital context and the overall visual design of a product.

Includes characteristics such as typography, colors, icons, spacing and information architecture.

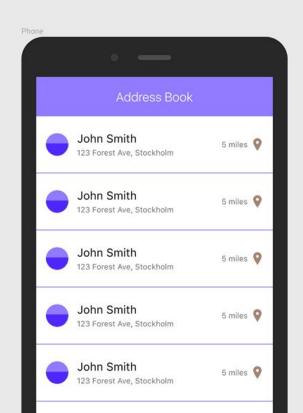
Maintained as Design Tokens in code.

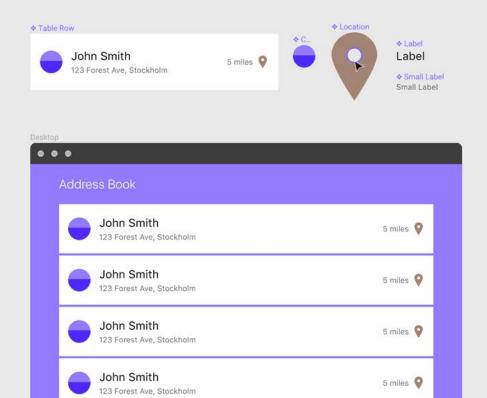


Component Hierarchy



Component Hierarchy

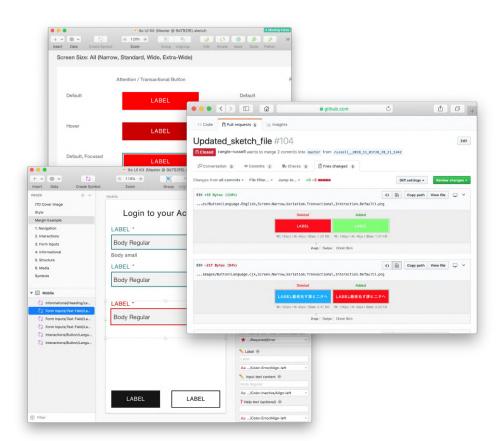




Design Kit

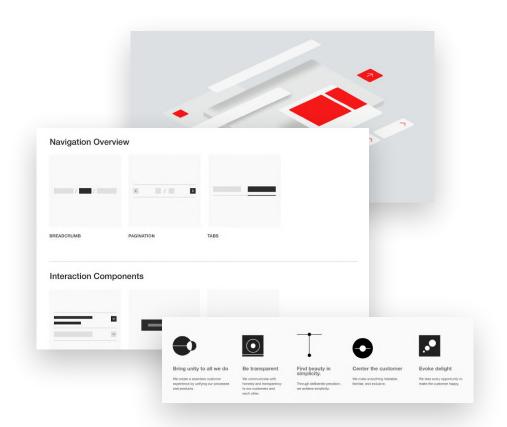
A library of shared styles, symbols or components that can be used by product teams to design or prototype new experiences.

These symbols mirror the JavaScript components from the component library and are updated to be always kept in sync.



Component Library

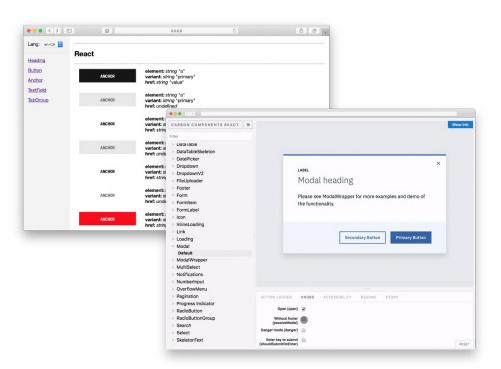
A set of JavaScript components that are version controlled and are composed to build one or more products.



Sandbox

A tool for developing components in isolation, document use cases and write structural or visual tests.

Primarily aimed at the design system developers.

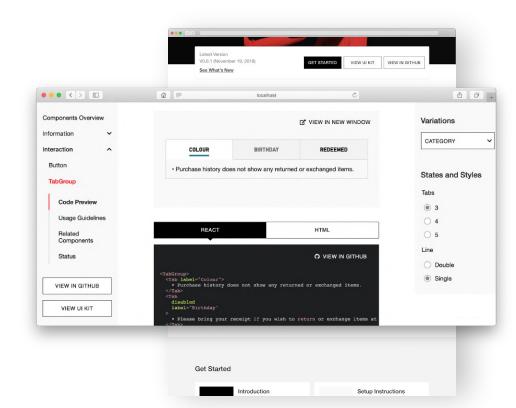


Documentation

Houses guidelines on how to consume the design system, what design and dev considerations were made and how to contribute to the design system.

Detailed documentation for each component. A component explorer, component APIs, patterns and recipes.

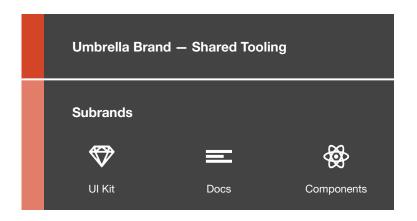
Often includes a live playground which is aimed at the consumers to try out the design system in the browser.



Multi-Brand Design System

Application

A Design System equips each sub-brand with its own UI Kit. This ensures a consistent user experience across all brands, regions, and languages.



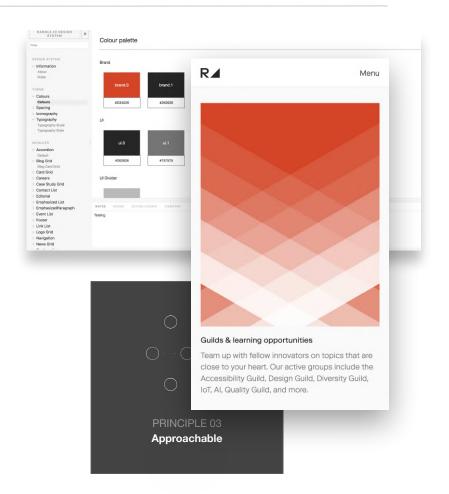
Design systems use what we know to anticipate what we don't know.

Evolution of the Design System

A Design System is never really *done*; it will grow and evolve just like any other product.

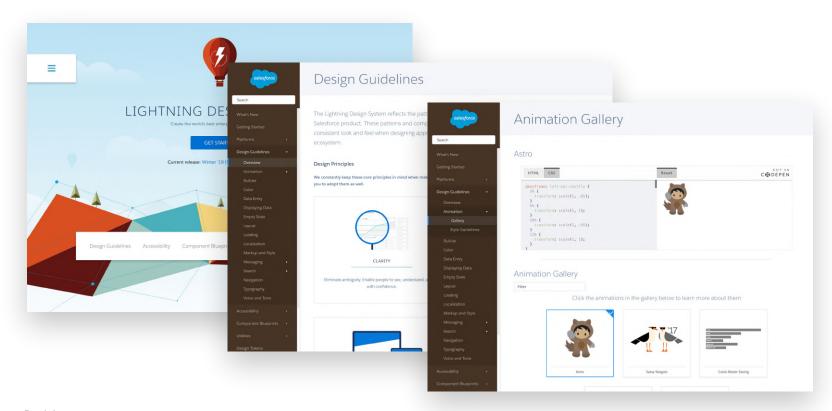
As a website or product changes over time, there will be needs for new UI patterns to be created.

By ensuring that the right governance processes are in place, teams can understand when and how to best introduce new elements into the system.

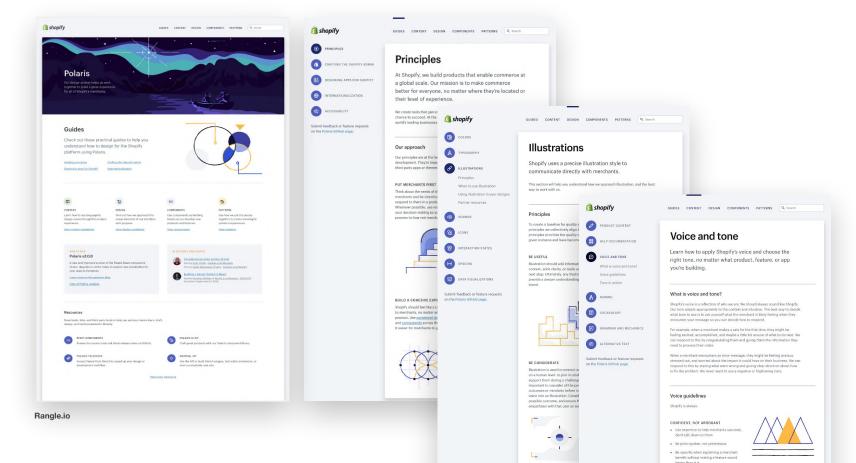


Design Systems in Practice

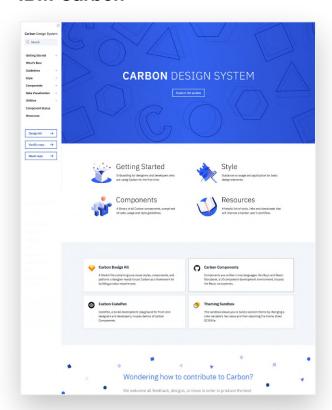
Salesforce Lightning

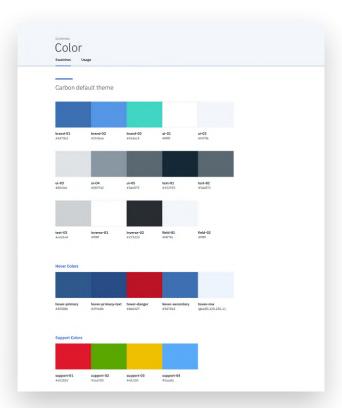


Shopify Polaris



IBM Carbon





Why it matters.





Creating Efficiencies

As applications scale and age, it becomes increasingly difficult to remain competitive and up-to-date without a digital-first mindset. Design Systems save time for development teams and allows for quick technical iterations.

Scalable Design

An internal Design System is the best, most accessible source of truth for product teams. It provides the gravitational pull to keep team members aligned and in sync when pivoting to the changing business and customer needs.





By utilising standardised components, your sub-brands can create a more predictable and intuitive user experience.



Improve Accessibility

Implementing accessibility at the component level ensures consistency, effectiveness, and compliance of accessibility at scale.





Faster Product Launch

Working within an existing Design System allows your sub-brands to establish flows and interactions quickly. They save time building prototypes and variants for experimentation, helping teams rapidly gain insights and data for a faster product launch.

Save Time

Whether evolving the style of your UI or making UX changes to a flow, using a Design System reduces effort from hundreds of lines of code to as little as a few characters. This makes iterations quick and painless, and experimentation much faster.



Build with Components

Leveraging JavaScript and Componentized architecture simplifies future development requirements. Components allow you to focus on creating pages and content, instead of consistently developing new layouts.



Governance by Design

Design Tokens enforce brand rules and standards throughout development and deployment. They are architected from the ground up to ensure the user experience and design language are never broken or modified.

Increasing ROI for Clients

- A report by Forrester* claims a well-designed user interface could raise a website's conversion rate by up to 200%, while a better UX design could boost conversion rates by up to 400%.
- While impact on ROI can vary greatly; Forrester recommends to start by quantifying the financial value of changes in users' behavior.

Business Objectives	Behaviour Metric	Financial Metric
Increase Direct Revenue	Conversion rateNumber of leads	Revenue per leadGross margin
Reduce Support Costs	Service calls per yearOnline self service resolution rate	Cost per service callCost per transfer
Increased Customer Loyalty & Advocacy	Likelihood to recommendCustomer satisfaction score	 Lifetime value of lost customers Increased revenue from word of mouth

UX Design Business objectives And Associated metrics https://www.forrester.com/report/The+Six+Steps+For+Justifying+Better+UX/-/E-RES117708

Q&A

Thank you!

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