Uwazi UI Review

HURIDOCS DESIGN
November 2021

Observations

Disclaimer: I don't have a solution for these problems yet, I just think these are opportunities that can be worked on, and could drastically improve the initial friction & usability of the platform.

Design documentation

- No documentation
    - Can't find an archive of design decisions
    - No design rules/foundations
- No complete screens/prototypes
- No user flow mappings
- No assets
    - Fonts
    - Used icons
- Mismatch between available designs and their implementation

Proposal:

- Create a single source of truth (github repo) to create design documentation, link assets, screens and prototypes, and track design specific issues
- Help designers & developers gain knowledge (guidelines) on how to use design principles to build layouts and components effectively.

UI: Information Architecture

- Not clear
- Scanning everywhere for actions.
- Hard to distinguish the most important regions, features, actions & context the user are in
- Ie. Pages, library and settings hierarchy on the same level
- Information nesting (key lines) not guiding the user
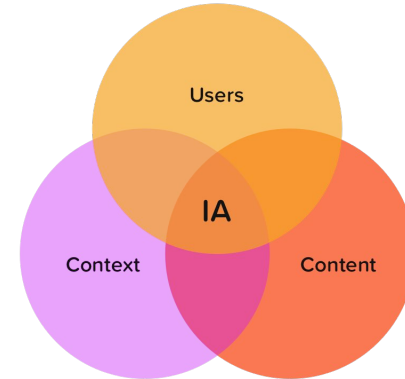
Direct relationship w/ next 2 slides

UI: Multiple layout anatomies *(context shifting)*

Left/Right/Left visual flow

(filters open by default)

- Card view
- Map view

Centered visual flow

- Table view

Left/Right visual flow

- Everything inside Settings

Overlapping regions

(when an entity is selected)

- Filters & Entity details

UI: Non consistent Components & Elements

- Strong structural design
    - Borders and separators
    - Visual noise
- Multiple margins & paddings
    - Info/label indentation
    - Groupings
    - Uniform connectedness
    - Overall balance

- Typographic scales
    - Font sizes
    - Font weights
    - Font units (em vs rem :: scalability)
    - Opacity* vs color

known to cause perf issues on big lists

Design Flow *(wip)*

Design documentation flow

Documentation,
flows & Issues

Visual
User-flows

Components,
Screens & Prototypes

Live layouts &
components

Design Foundations

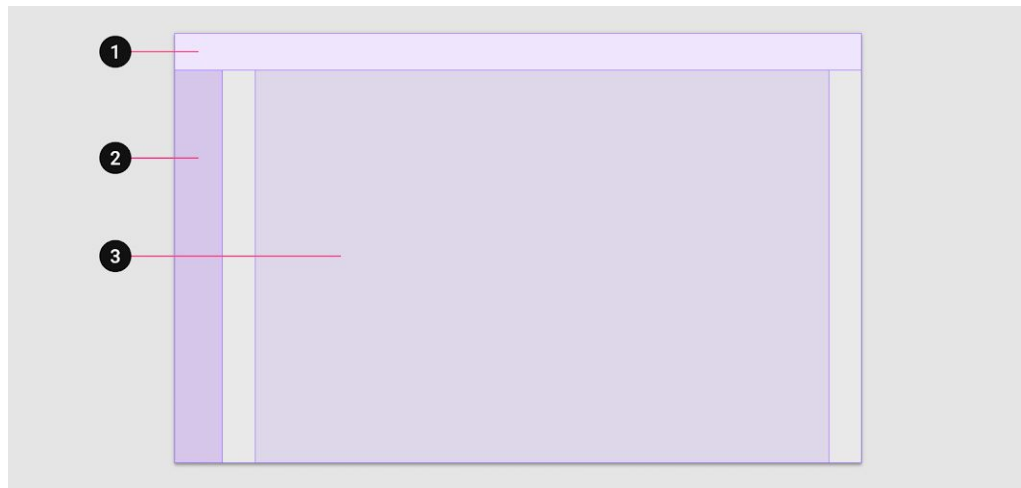# Layout anatomy

The least the better

Clear regions and contexts

Clear navigation patterns

Predictability

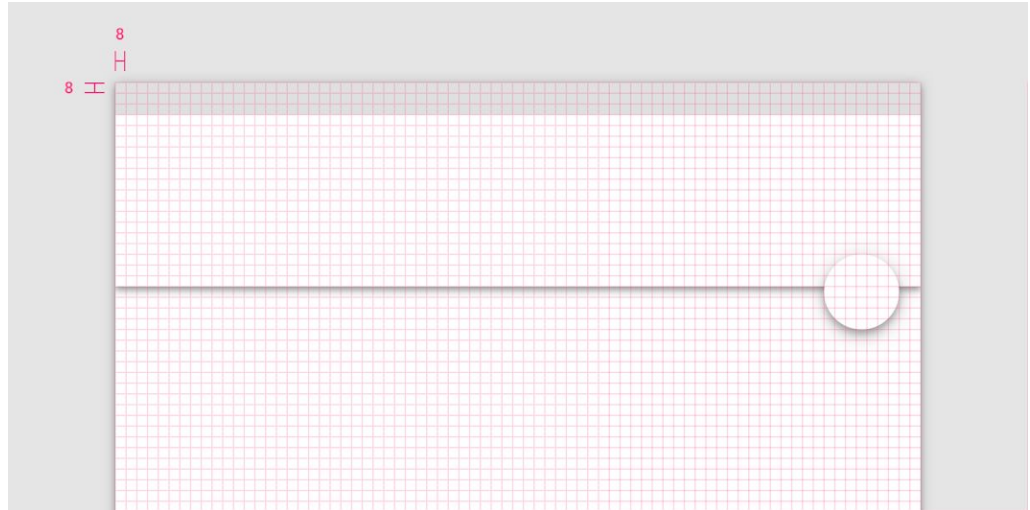Consistency

Easier component composition

Spacings: baseline grid *(layout & regions)*

8p grid for layout.

Regions are evenly spaced with a strictly defined grid of multiples of 8p.

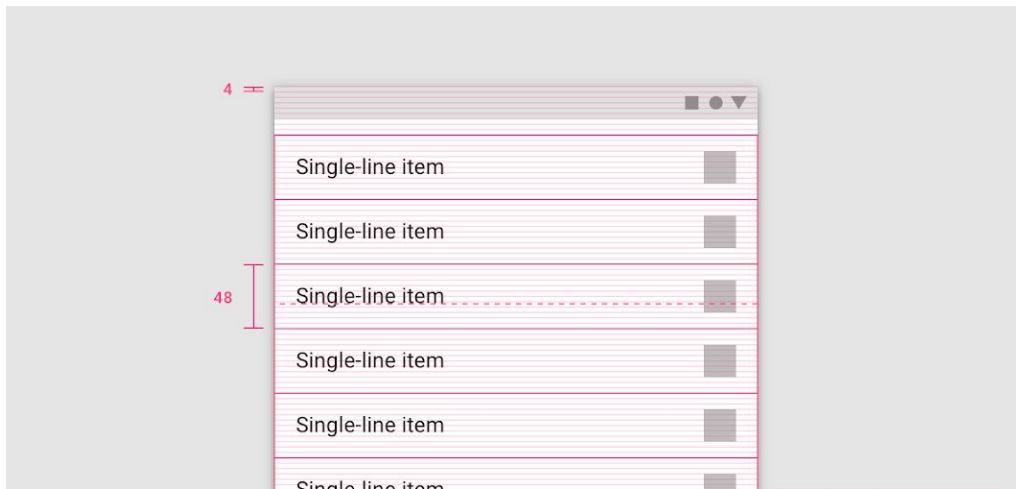Regions: Groups of contextual components.

Spacings: baseline grid *(components & elements)*

4p grid for components, icons and typography.
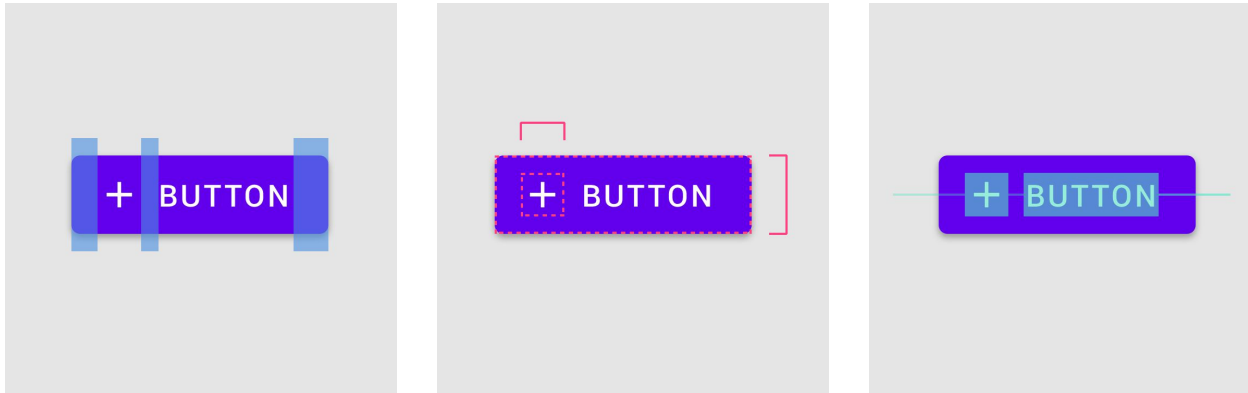
Elements are evenly spaced with a strictly defined grid of multiples of 4p within a component.

**A component should not have margins. Margins should be managed by parent regions/layouts. (margin-agnostic-components)
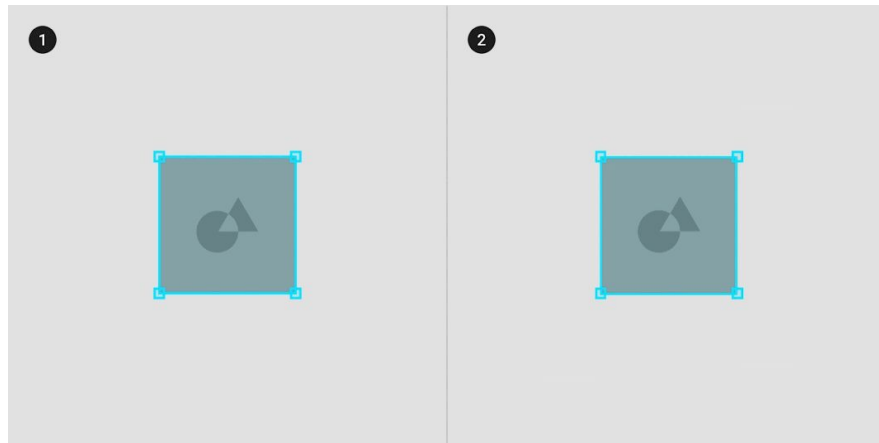
Spacings: padding, dimensions & alignment

4p grid for padding, dimensions & alignment of regions –within a layout– & elements –within a component–.

Spacings: containers

Containers (aka bounding box) allow content to be positioned & aligned correctly in relation to other elements/components, and scale at balanced & controlled ratios. (ie. icons)

Typography

Typefaces are selected for their style, legibility, and readability.

Typeface combination improves information legibility and separation.

Tabular data needs a monospaced typeface.

Roboto (flex) vs Noto (variable font* & language support)

- Typescale *(next slide)*
- Letter-spacing
- Line-length
- Line-height
- Paragraph spacing
- Alignment
- Language support

*variable fonts

Type scale

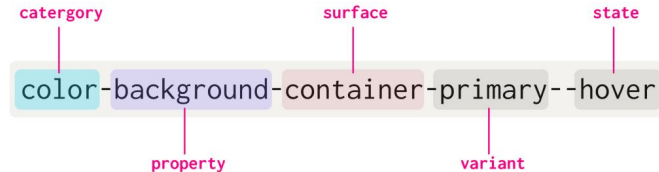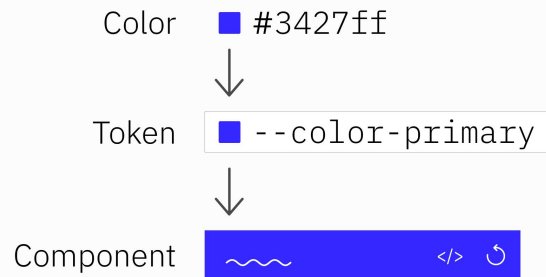Strictly defined typographic measures for different categories of text elements inside the UI:

- Font units
- Font weights

Scale Category	Typeface	Weight	Size	Case	Letter spacing
H1	Roboto	Light	96	Sentence	-1.5
H2	Roboto	Light	60	Sentence	-0.5
H3	Roboto	Regular	48	Sentence	0
H4	Roboto	Regular	34	Sentence	0.25
H5	Roboto	Regular	24	Sentence	0
H6	Roboto	Medium	20	Sentence	0.15
Subtitle 1	Roboto	Regular	16	Sentence	0.15
Subtitle 2	Roboto	Medium	14	Sentence	0.1
Body 1	Roboto	Regular	16	Sentence	0.5
Body 2	Roboto	Regular	14	Sentence	0.25
BUTTON	Roboto	Medium	14	All caps	1.25
Caption	Roboto	Regular	12	Sentence	0.4
OVERLINE	Roboto	Regular	10	All caps	1.5

Design tokens

Design tokens are all the values needed to construct and maintain a design system:

- Spacing
- Color
- Typography
- Component styles
- Animation

Color   ■ #3427ff

↓

Token   ■ --color-primary

↓

Component

category

surface

state

color-background-container-primary--hover

property

variant

Layout patterns

- Map pages layouts/pages
- Map regions
- Responsiveness
- Restrict possibilities
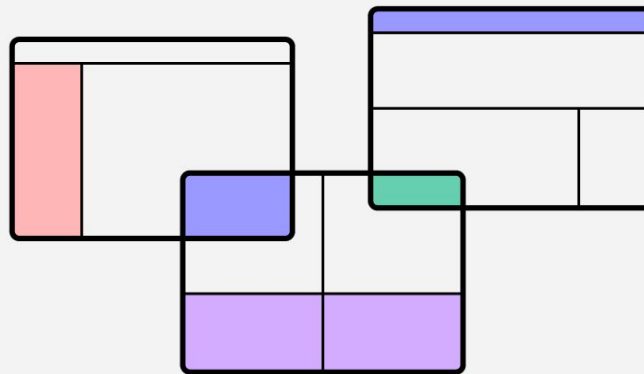
Component library

- Map components
- Component states
- Shapes (*responsiveness*)
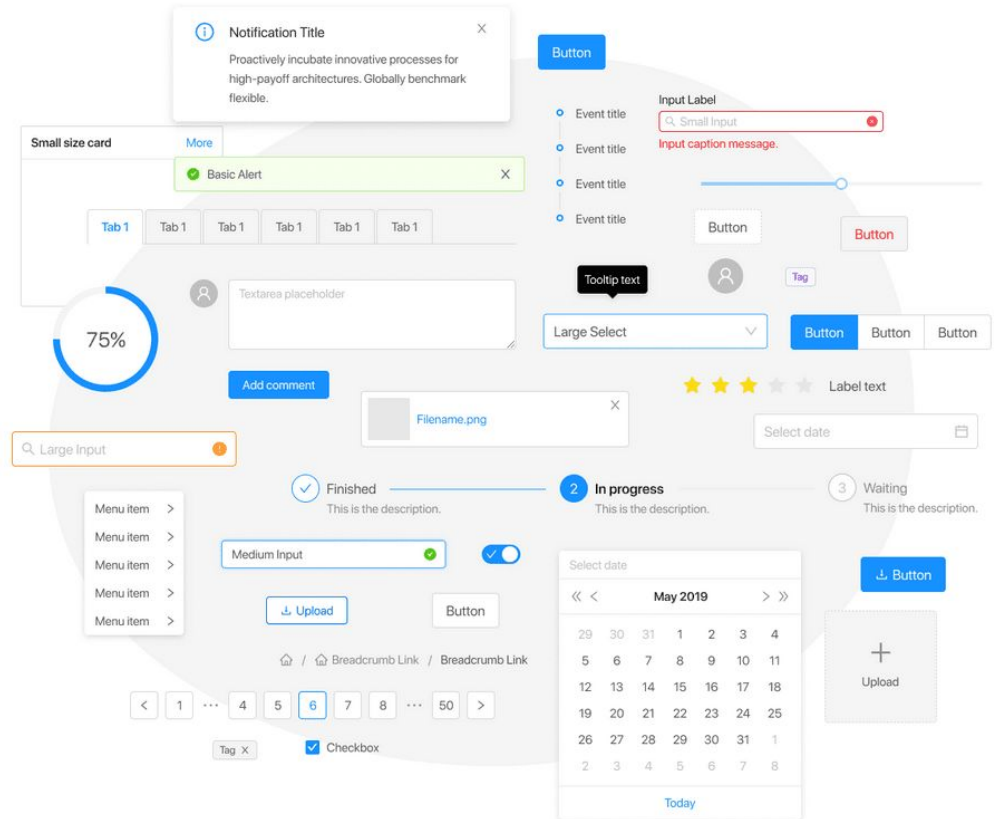
Layout & Component interaction: States

Visual representations used to communicate the status of a component or interactive element.

Every component should have a style that represents any of the following states:

- Empty *(layouts & regions)*
- Default
- Disabled
- Active
- Selected
- Hover
- Focus
- Error

Icon library

System status: Notifications

- List of all the use cases where notifications are needed
- Map interactions where notifications may provide value to enhance the UX
- Placement of notifications is key

  Notifications should not be intrusive

- Classify notifications by the three attention levels: high, medium, and low.
- Color-code, assign icons, and determine placements.
- Categorize them by type: persistent or non-persistent, pop-up, banner, dialog, etc.

Blueprint

The file benchmark2 was deleted.   Undo   ✕

The file benchmark2 was deleted.   Undo   ✕

The file benchmark2 was deleted.   Undo   ✕

The file benchmark2 was deleted.   Undo   ✕

The file benchmark2 was deleted.   Undo   ✕

Toast

Material Design

Can't send photo. Retry in 5 seconds.   RETRY

Saved in "Wedding" album

This item already has the label "travel". You can add a new label.

This item already has the label "travel". You can add a new label.

ADD A NEW LABEL

Snackbar

Atlassian Design

⚠ This is an warning banner

⚠ Your license is about to expire. Please renew yo...

❗ This is an error banner

❗ This is an error banner with a link

Simple announcement banner

Banner

UI Refactor

Fix structural noise

- Lower or remove borders
- Relaxed grid
    - negative space (air between components)
    - Vertical rhythm
- Block separation
- Text normalization
    - Unified font sizes and weights
    - Line-height
    - Letter spacing
- Better use of color

Low effort/Low impact

Improve:

- aesthetics
- readability
- region/block separation
- information architecture

Search   🔍

Search tips

30 shown of **717** entities sorted by   Date added (Newest)▾

🔍⊖ 🔍⊕   ▦ ☰   📍28

FILTERS   ✕ Clear Filters

Test for call

Country
🇧🇯 Benin

Date added
Aug 16, 2021

Report   › View

Albinism Worldwide Report2021 FR

Author(s)
Ikponwosa Ero, Samer Muscati, Anne-Rachelle Boulanger et India Annamanthadoo

Organization(s) associated with author
UN Independent Expert

Date added
Jun 10, 2021

International   › View

PEOPLE WITH ALBINISM WORLDWIDE, A Human Rights Perspective (2021)

Author(s)
Ikponwosa Ero, Samer Muscati, Anne-Rachelle Boulanger and India Annamanthadoo

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Date added
Jun 10, 2021

International   › View

Why Counting Persons with Albinism Matters (Kenya -2019)

Date added
Jun 10, 2021

Media   › View

Panama Albinism Law (2021)

Date added
Jun 4, 2021

Government   › View

Brochure pour enseignants

Date added
Jun 3, 2021

Educational Material   › View

Presentation on Albinism in Zambia - By Julien Mwape (Zambia Agency for Persons with Disabilities)

Décret Portant Promulgation de la Loi L/2021/0016/AN sur l'Albinisme en Guinée (30.04.21)

Formule photoprotectrice Pierre Fabre

Organization(s) associated with author
Fondation Pierre Fabre

☐ **Library**	381 ▲
☐ NGO	110
☐ Media	178
☐ International	38
☐ Academic	17
☐ Government	26
☐ Educational Material	12
☐ **Record of Attacks**	33 ▲
☐ Record of Attacks	1
☐ Case Record	32

Location   AND ◉ OR

Search item   🔍

☐ West Africa	14
☐ Southern Africa	12
☐ East Africa	6
☐ Central Africa	5
☐ Any	37

▾ 1 more

Country   AND ◉ OR

Search item   🔍

📄 Export CSV

☐ 🇹🇿 Tanzania	47

Search   🔍   ⊖ ⊕   ▦ ☰ ●28

Search tips

30 shown of 717 entities sorted by **Date added (Newest)** ▾

FILTERS   ✖ Clear Filters

☐ **Library**   381 ▲
  ☐ NGO   110
  ☐ Media   178
  ☐ International   38
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  ☐ Educational Material   12

☐ **Record of Attacks**   33 ▲
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Export CSV

Redesign components w/ design foundation

- Use the design foundation's rules and apply them to current components
- Custom design & css for components moving slowly away from bootstrap
-

High effort/Med impact

Improve:

- aesthetics
- usability
- dev-exp

Redesign layouts w/ design foundation

*Needs to be tested with users on a concept phase

High effort/high impact

Improve:

- Use the design foundation's rules and apply them to current components
- Simplify visual patterns

- aesthetics
- usability
- expectations
- consistency

Extras

Onboarding Observations (UX)

Personal opinion based on very little use and context, that needs to be checked with how real users expect the app to work.

It's hard to quickly understand the potential of the app when starting an new instance from scratch.

Difficult to grasp quickly some features as they are hidden behind settings.

💡 **Idea**

Provide context of features on first-use.

"Hey! What do you want to do?"

The ability to land **on context** with 3 default templates + a create a custom template.

(Analyze top 3 templates used by partners and add them as options for first-time onboarding/walkthrough)

Design Roadmap *(proposal)*

2021

- Design tool(s)
    - Framer vs figma
- 2021 tasks
- Map flows & use-cases
- Define design foundations
    - Documentation
    - Layouts
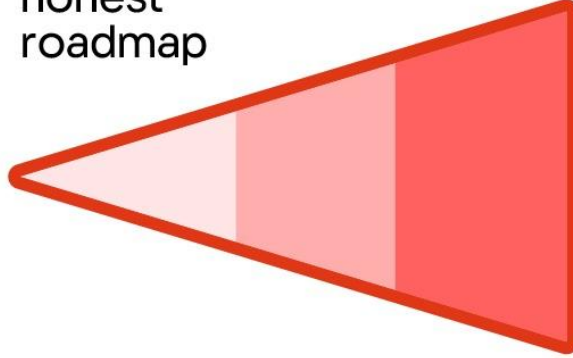   - Components

2022

- Move from bootstrap to custom design lib
- Custom visuals
    - Empty states
    - Custom Icon library
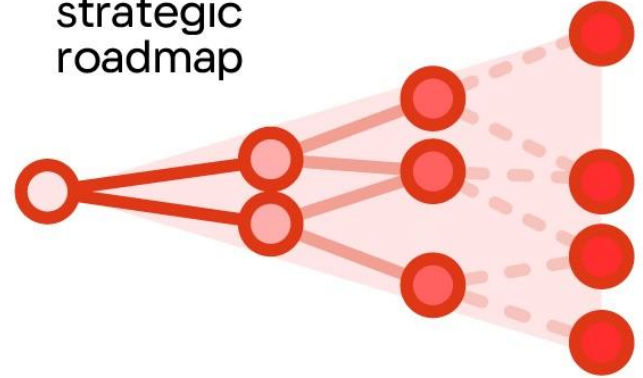- Fix layout patterns

misleading roadmap

"We will follow this linear path from zero to our inevitable victory, and these are the milestones that will get us there."

honest roadmap

"We know where we are today, and have a good idea about the near future, but recognize that the future becomes uncertain."
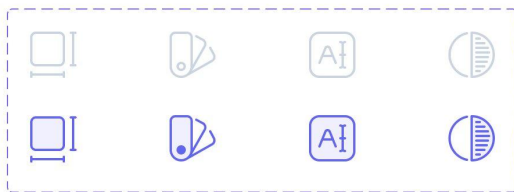
strategic roadmap

"We know where we are today, and anticipate decision points that will change our path. We are intentionally gathering the data that will help us make those decisions."
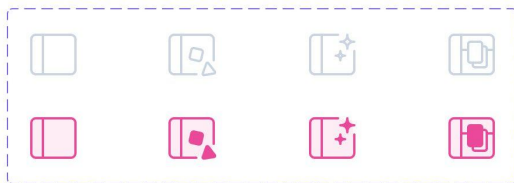
Sizing	Colors	Typography	Shadows

Simple	Playful	Elegant	Brutalist

React	Vue	Blade

Thank you!

- **Onboarding**
- **Land on context**
- **Multi-layout patterns**

- Design Foundations
    - Spacing and sizing system
    - Type Scale
    - Layout flow

- Refine UI
    - Express Information architecture
    - Small details
    - Expose features
        - Instances
        - Templates
        - Pages
    - Floating actions
    - Information flow Layout (filters :: content :: detail)
        - Pin item (card) 💡

- CSS 🤯
- Process: Figma/Framer -> storybook -> production