

PROFESSIONAL TEAM PROJECT

Cisco Design System 0 to 1

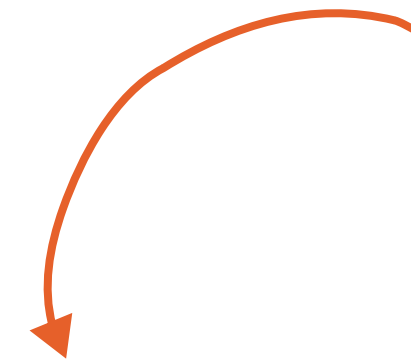
ROLE	Product designer
CONTRIBUTION	Problem definition, Research, Style guideline documentation, Usage guideline documentation
TEAM	Project lead (Steve Chiang) Product designer (Lily Choi) Figma support (Matt Gallagher, Spencer Powell)
TOOLS	Figma

Introduction

Cisco CX Cloud is a platform that provides comprehensive visibility into customers' assets.

This project involved addressing component issues that arose during the transition to the new version of CX Cloud's layout and UI components and integrating these solutions into the design system.

The goal was to standardize the design process and deliver a consistent user experience.



Asset Name	Product ID	Product Type	Location
[Cell text]	[Cell text]	[Cell text]	[Cell text]
[Cell text]	[Cell text]	[Cell text]	[Cell text]
[Cell text]	[Cell text]	[Cell text]	[Cell text]
[Cell text]	[Cell text]	[Cell text]	[Cell text]
[Cell text]	[Cell text]	[Cell text]	[Cell text]

Problem Statement

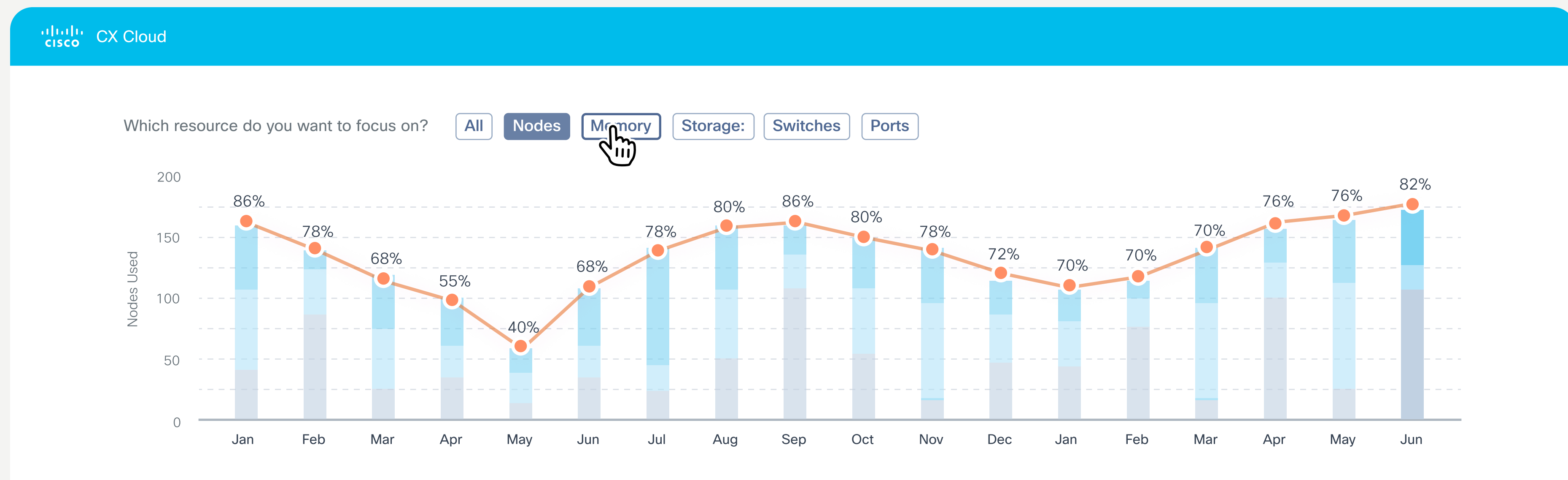
Chip? Badge? or Tag?

The CX Cloud design system was developed to reduce designers' working hours and improve efficiency during the HF design process.

However, during the process, we discovered a problem: components with **different functionalities** but **similar styles** were mixed together. This issue arose because many components were used without clear usage guidelines in the previous version of the product.

Designers often reused components from different screens, which led to additional work time and a mix of various component styles. This could cause confusion for users.

Use case 1 of 3 - Filtering content (Interactive)



Problem Statement

Chip? Badge? or Tag?

Use case 2 of 3 - Provide information (Read only)

The screenshot shows the 'Job Overview' section for 'CAT-9300'. It displays the 'Target Release' as 'IOS XE 16.3.9' and 'Existing Release' as '16.3.0', '15.9.0', '15.9.8', '15.9.8', '15.9.8', and '5 more'. Below this, it shows '2 Batches | 300 Assets'. The first batch is 'BLD 5 Batch' with '213 Assets' and a date of 'Nov 26, 2020 12:30 AM'. The second batch is 'BLD 6 Batch' with '87 Assets' and the same date. At the bottom, there is a dashed box with a '+ Add Batch' button.

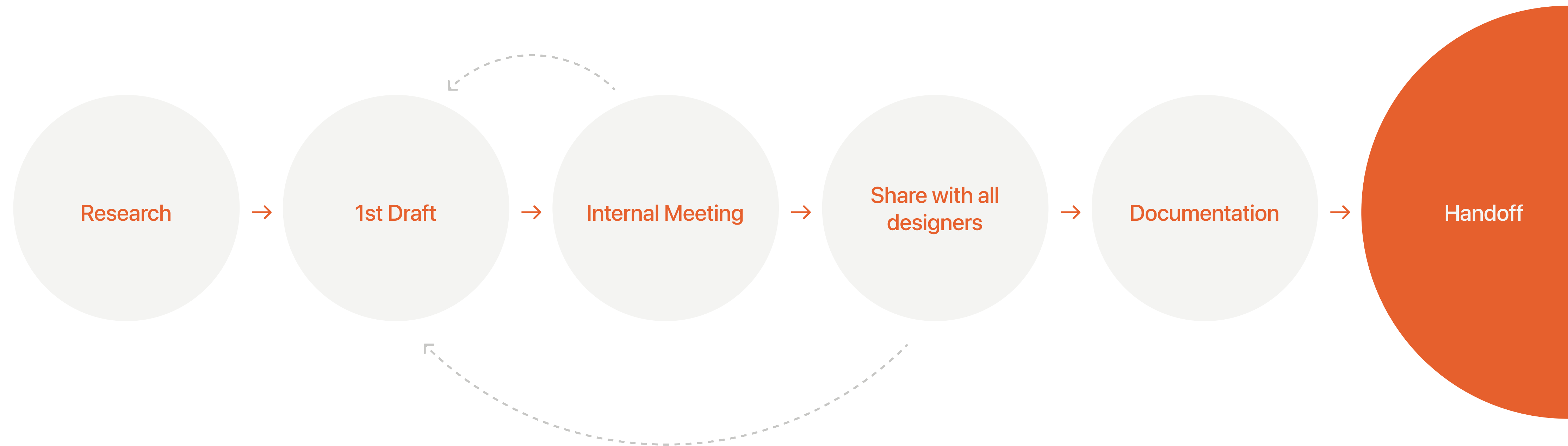
Use case 3 of 3 - Provide information (Read only)

The screenshot shows the 'ASSET GROUPS' section with buttons for 'Hybrid Cloud', 'Switches', 'VPN', 'Fresno Data Center', and 'Edit'. Below this is the 'INSTALLED LOCATION' section, which features a map of San Francisco. A location pin is placed on the map, and a pop-up window displays the address: 'Star Systems, Inc., 302 N. Brookfield Suite 930, Boyers, PA 16016'. Other nearby locations like 'Jefferson Square Park', 'Opera Plaza', and 'San Francisco Passport Agency' are also visible on the map.

Project Process

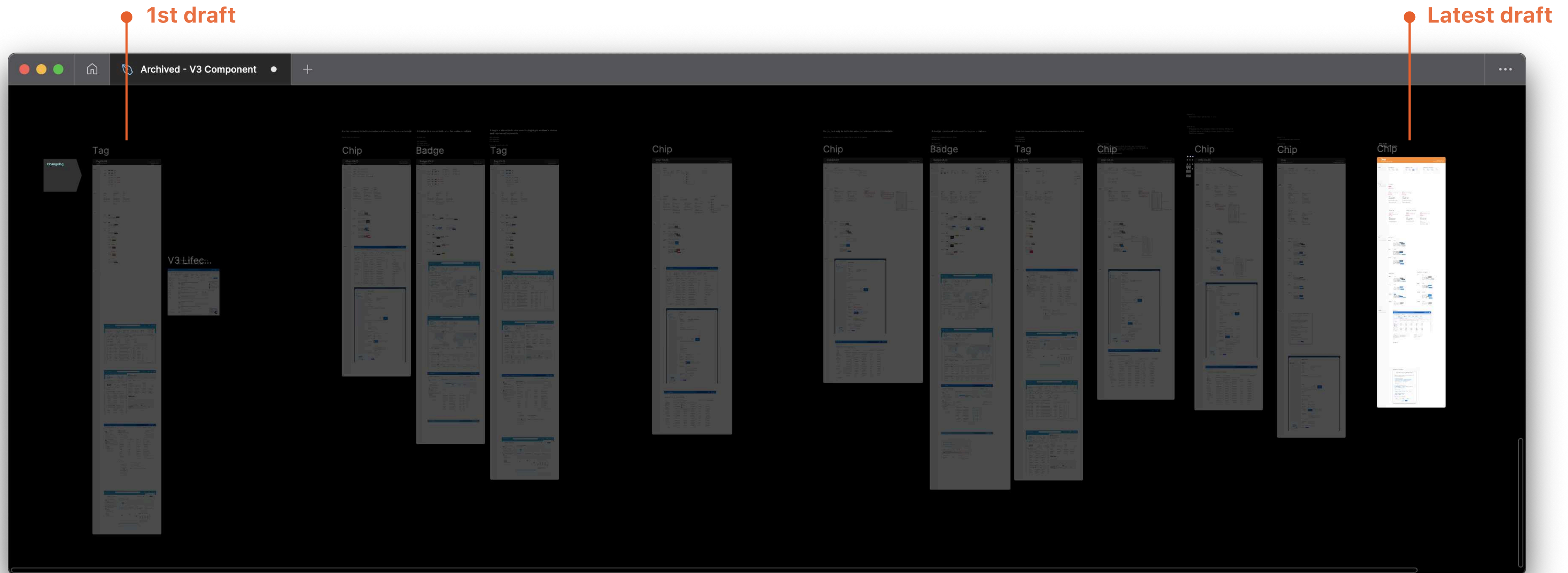
Each component also went through a similar process to complete the design system.:

Research - Internal meetings - Sharing with the entire design team - Collecting feedback - Documentation



Project Process

Actual Figma file I've worked on.




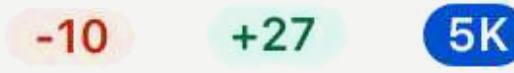
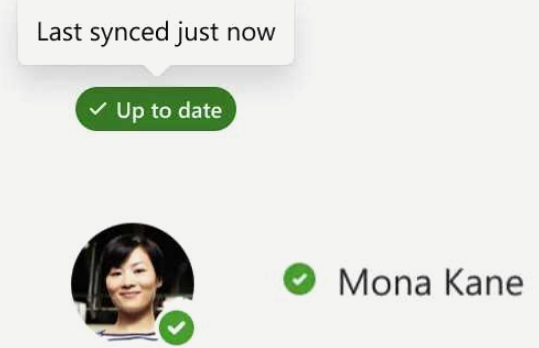
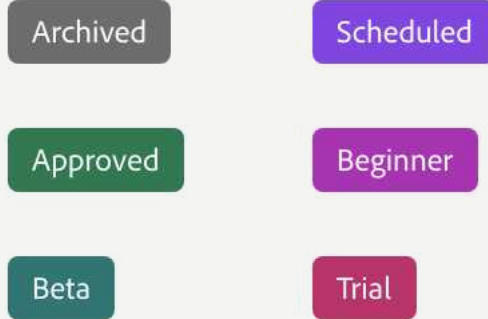
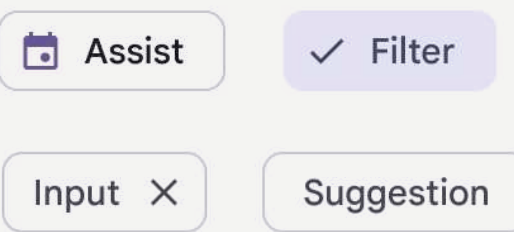
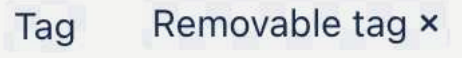
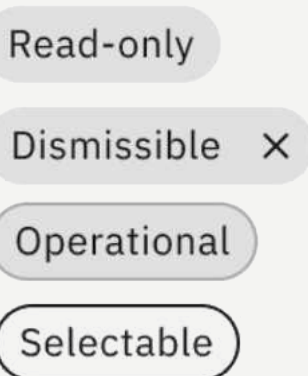
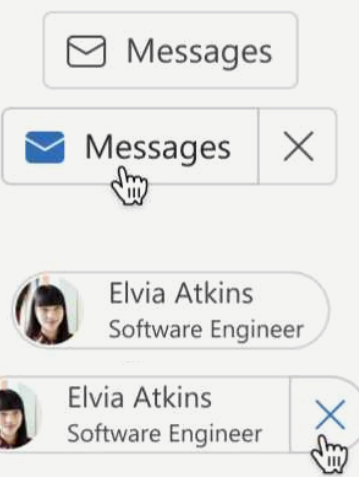
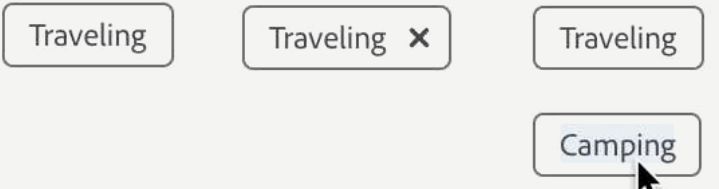

Industry research

Conducted research to get to know how others use the components.

	Material	Atlassian	Carbon	Fluent	Spectrum
Badge	Badges show notifications, counts, or status information on navigation items and icons.	A badge is a visual indicator for numeric values such as tallies and scores.	-	A badge is a visual indicator that communicates a status or description of an associated component.	Badges are for showing a small amount of color-categorized metadata. They're ideal for getting a user's attention.
Chip	Chips help people enter information, make selections, filter content, or trigger actions	-	-	-	-
Tag	-	A tag labels UI objects for quick recognition and navigation.	Use tags to label, categorize, or organize items using keywords that describe them.	A tag is a representation of a value that someone has picked, like recipients for an email or categories on a planner task.	Tags allow users to categorize content. They can represent keywords or people, and are grouped to describe an item or a search request.
Lozenge	-	A lozenge is a visual indicator used to highlight an item's status for quick recognition.	-	-	-

Industry research

As below, the terms used vary depending on the company's situation.

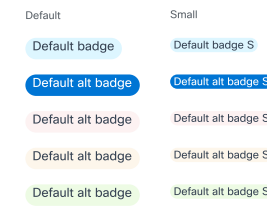
	Material	Atlassian	Carbon	Fluent	Spectrum
Badge	 Label Label Label	 -	-	 Last synced just now Up to date Mona Kane	 Archived Scheduled Approved Beginner Beta Trial
Chip	 Assist Filter Input Suggestion	-	-	-	-
Tag	-	 Tag Removable tag	 Read-only Dismissible Operational Selectable	 Messages Messages Elvia Atkins Software Engineer Elvia Atkins Software Engineer	 Traveling Traveling Traveling Camping
Lozenge	-	 DEFAULT SUCCESS DEFAULT BOLD SUCCESS BOLD REMOVED IN PROGRESS REMOVED BOLD IN PROGRESS BOLD NEW MOVED NEW BOLD MOVED BOLD	-	-	-

Final Style Guideline

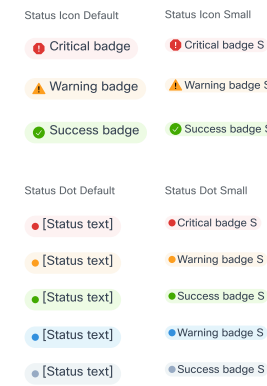
Badge

01 Design

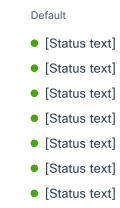
Non-Semantic Badges



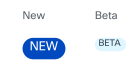
Semantic Badges



Dot Badges



Pre-set Badges



Image/Icon with Number Badge



02 Spacing & Size

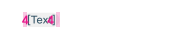
Default



Text
Font: 14px regular
Line height: 20px

Radius: \$radius-circle

Small



Text
Font: 12px regular
Line height: 16px

Radius: \$radius-circle

Status Default w/ icon



Text
Font: 14px regular
Line height: 20px

Icon
Size: Small(16x16px)

Radius: \$radius-circle

Status Small w/ icon



Text
Font: 12px regular
Line height: 16px

Icon
Size: Small(16x16px)

Radius: \$radius-circle

Status Default w/ dot



Text
Font: 14px regular
Line height: 20px

Dot
Size: 8x8 px

Radius: \$radius-circle

Status Small w/ dot



Text
Font: 12px regular
Line height: 16px

Dot
Size: 8x8 px

Radius: \$radius-circle

Dot



Text
Font: 14px regular
Line height: 20px

Dot
Size: 8x8 px

Number



Text
Font: 12px regular
Line height: 16px

Radius: \$radius-circle

Offset: -8px from top right

03 Color

Default

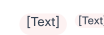


Fill: V3 Blue 25 #DEF7FF
Text: V3 Gray 90 #394454

Default Alts



Fill: V3 Blue 60 #0076D5
Text: White #FFFFFF



Fill: V3 Status Critical Background #FDF2F3
Text: V3 Gray 90 #394454

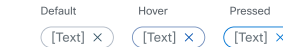


Fill: V3 Status Major Background #FEF7EC
Text: V3 Gray 90 #394454

Chip

01 Design

Dismissible Chip



Selectable Chip - filled



Selectable Chip - with checkmark



02 Spacing & Elements

Dismissible Chip



Default
Fixed Height: 24px
Flexible Width

Text
Font: 14px regular
Line height: 20px

Icon Size: Small(12x12px)

Radius: \$radius-circle

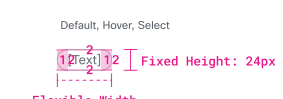
Small
Fixed Height: 20px
Flexible Width

Text
Font: 12px regular
Line height: 16px

Icon Size: Small(12x12px)

Radius: \$radius-circle

Selectable Chip

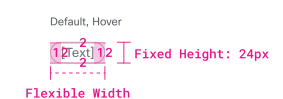


Default, Hover, Select
Fixed Height: 24px
Flexible Width

Text
Font: 14px regular
Line height: 20px

Radius: \$radius-circle

Selectable Chip - with checkmark



Default, Hover
Fixed Height: 24px
Flexible Width

Text
Font: 14px regular
Line height: 20px

Radius: \$radius-circle



Selected
Fixed Height: 24px
Flexible Width

Text
Font: 14px regular
Line height: 20px

Icon
Size: 16x16 px

Radius: \$radius-circle

03 Color

Dismissible Chip



Default
Text: V3 Gray 70 #6C757D
Icon: V3 Coal Gray 90 #345566
Fill: White #FFFFFF
Border: V3 Cool Gray 60 #B288C7

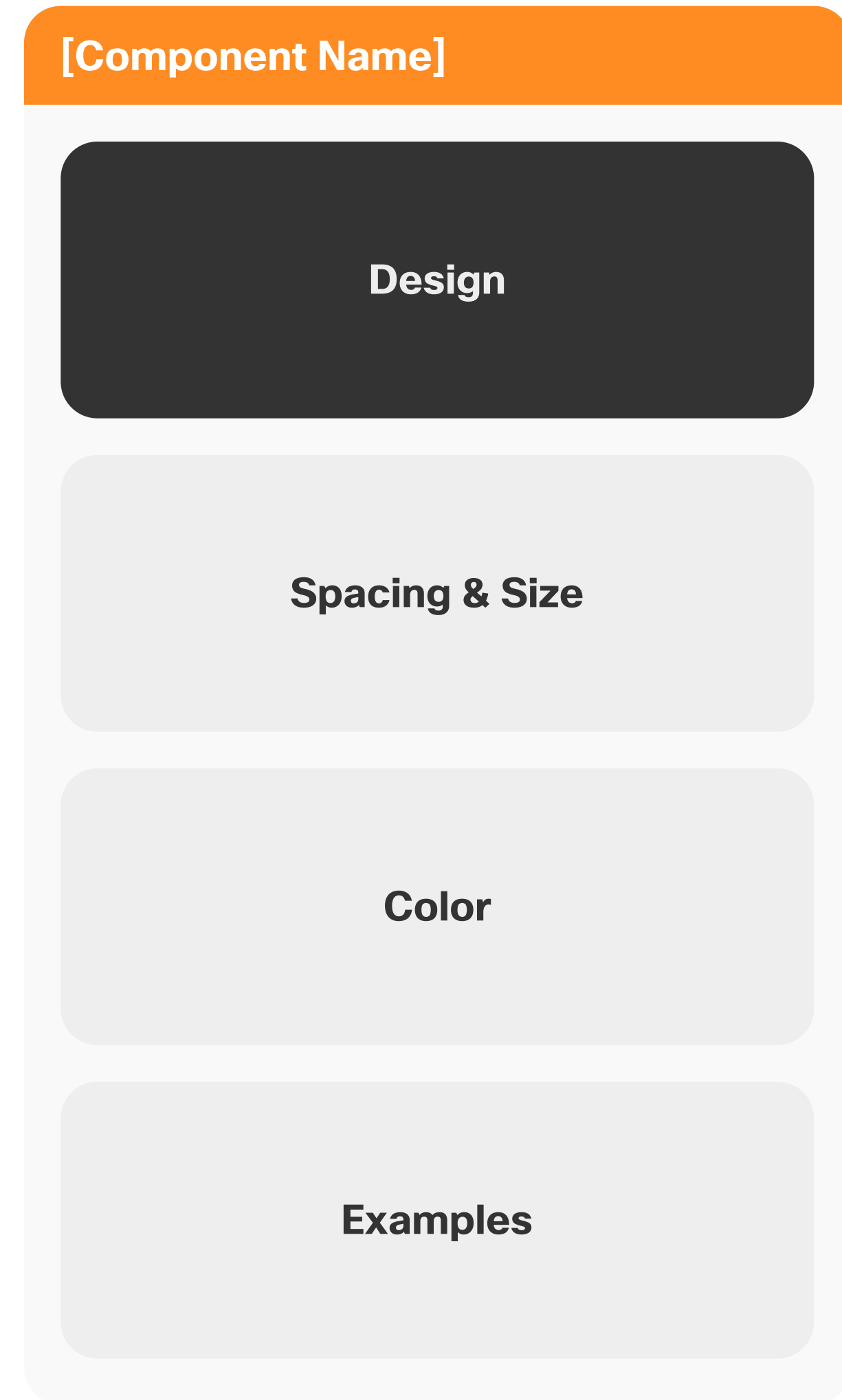
Hover



Text: V3 Gray 70 #6C757D
Icon: V3 Blue 80 #0051AF
Fill: White #FFFFFF

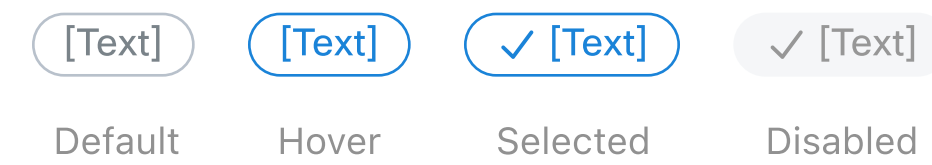
Style Guideline Details

Structure

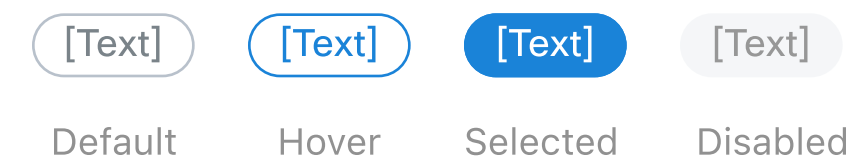


Example

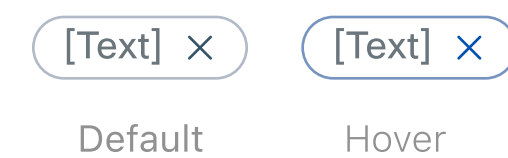
Selectable - Checkmark Style



Selectable - Filled Style

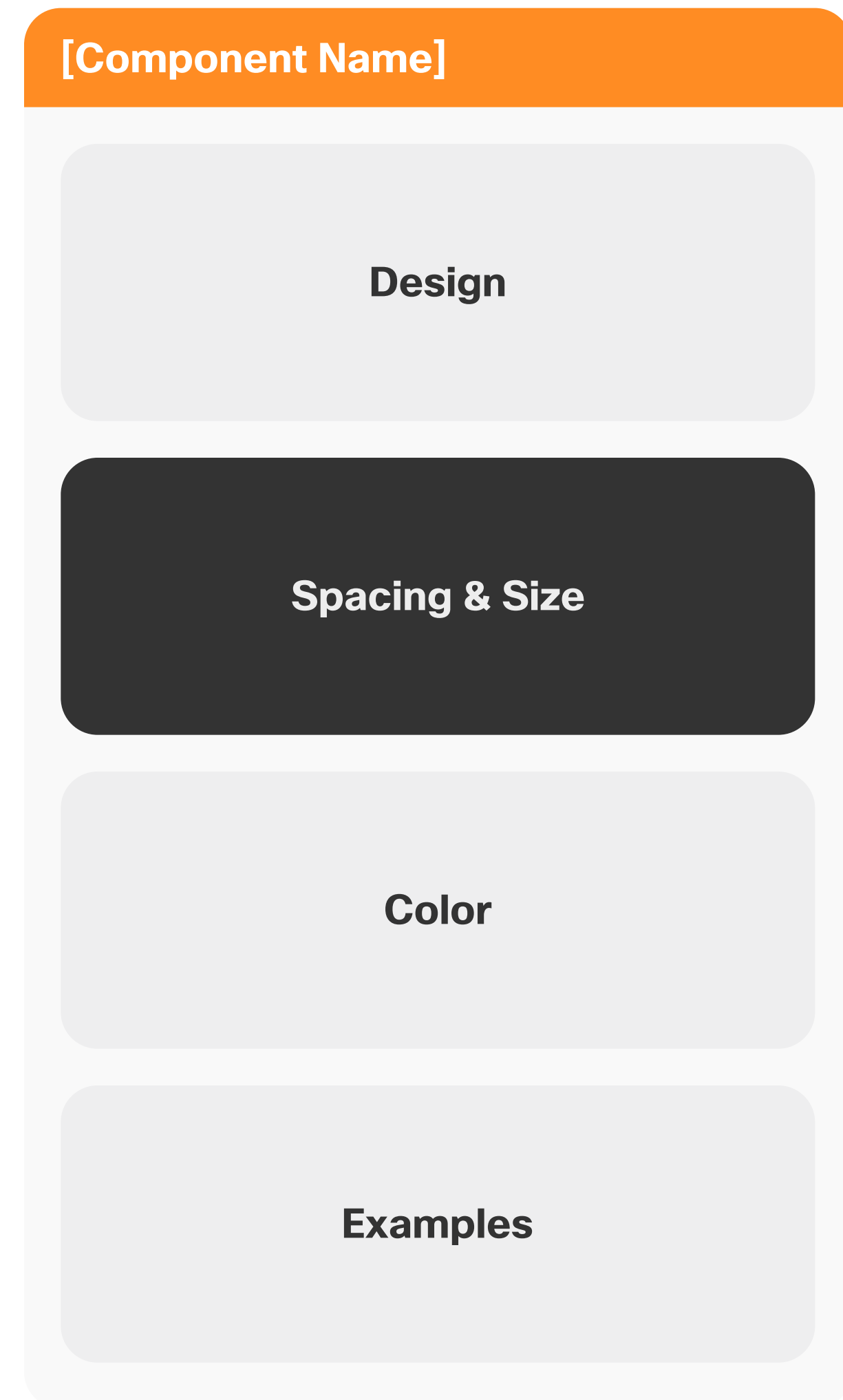


Dismissible



Style Guideline Details

Structure



Example

Selectable - Checkmark Style

Default, Hover



Text
Font: 14px regular
Line height: 20px

Radius: \$radius-circle

Selected



Text
Font: 14px regular
Line height: 20px

Icon
Size: 16x16 px
Radius: \$radius-circle

Selectable - Filled Style

Default, Hover, Select

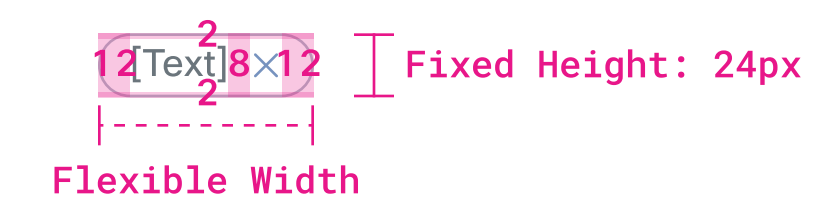


Text
Font: 14px regular
Line height: 20px

Radius: \$radius-circle

Dismissible

Default, Hover



Text
Font: 14px regular
Line height: 20px

Icon Size: Small(12x12px)

Radius: \$radius-circle

Style Guideline Details

Structure

[Component Name]

Design

Spacing & Size

Color

Examples

Example

Selectable - Checkmark Style

Default



Text: V3 Gray 70 #6C757D
 Fill: White #FFFFFF
 Border: V3 Cool Gray 60 #B2BBC7

Hover



Text: V3 Blue 60 #0076D5
 Fill: White #FFFFFF
 Border: V3 Blue 60 #0076D5

Selected



Text: V3 Blue 60 #0076D5
 Icon: V3 Blue 60 #0076D5
 Fill: White #FFFFFF
 Border: V3 Blue 60 #0076D5

Disabled



Text: V3 Gray 60 #8D8D8D
 Icon: V3 Gray 60 #8D8D8D
 Fill: V3 Gray 5 #B2BBC7

Selectable - Filled Style

Default



Text: V3 Gray 70 #6C757D
 Fill: White #FFFFFF
 Border: V3 Cool Gray 60 #B2BBC7

Hover



Text: V3 Blue 60 #0076D5
 Fill: White #FFFFFF
 Border: V3 Blue 60 #0076D5

Selected



Text: White #FFFFFF
 Fill: V3 Blue 60 #0076D5

Disabled



Text: V3 Gray 60 #8D8D8D
 Fill: V3 Gray 5 #B2BBC7

Dismissible

Default



Text: V3 Gray 70 #6C757D
 Icon: V3 Cool Gray 90 #345566
 Fill: White #FFFFFF
 Border: V3 Cool Gray 60 #B2BBC7

Hover



Text: V3 Gray 70 #6C757D
 Icon: V3 Blue 80 #0051AF
 Fill: White #FFFFFF
 Border: V3 Cool Gray 60 #7894BF

Pressed



Text: V3 Gray 70 #6C757D
 Icon: V3 Blue 60 #0076D5
 Fill: White #FFFFFF
 Border: V3 Blue 60 #0076D5

Style Guideline Details

Structure

[Component Name]

Design

Spacing & Size

Color

Examples

Example

Selectable - Checkmark Style

I'm interested in topics related to:

✓ Customer Success Manager ✓ Customer Success Specialist

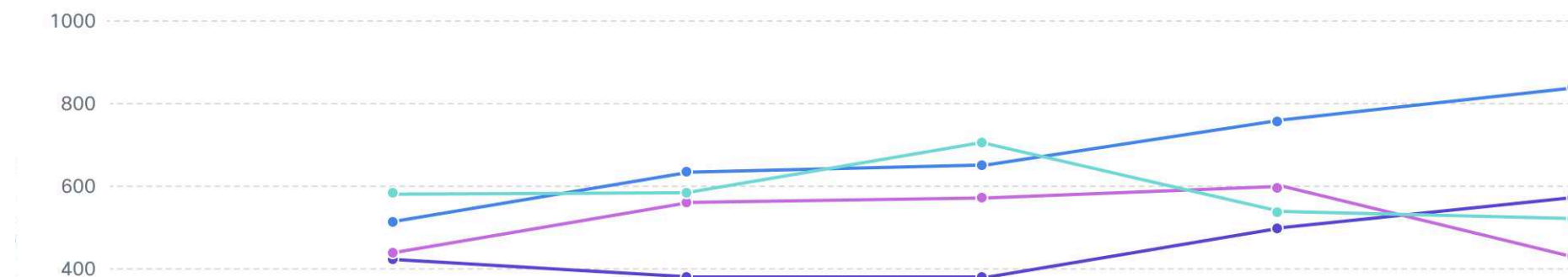
Renewals Manager ✓ Customer Success Practice Lead

Success Programs Manager Systems Engineer

Partner Executive

Selectable - Filled Style

Which resource do you want to focus on? **All** Nodes Memory Storage : Switches Ports



Dismissible

- Licenses
- Coverage

Filters [Clear all](#)

- Support Coverage ^
- Covered
 - Soon to Expire

432 assets

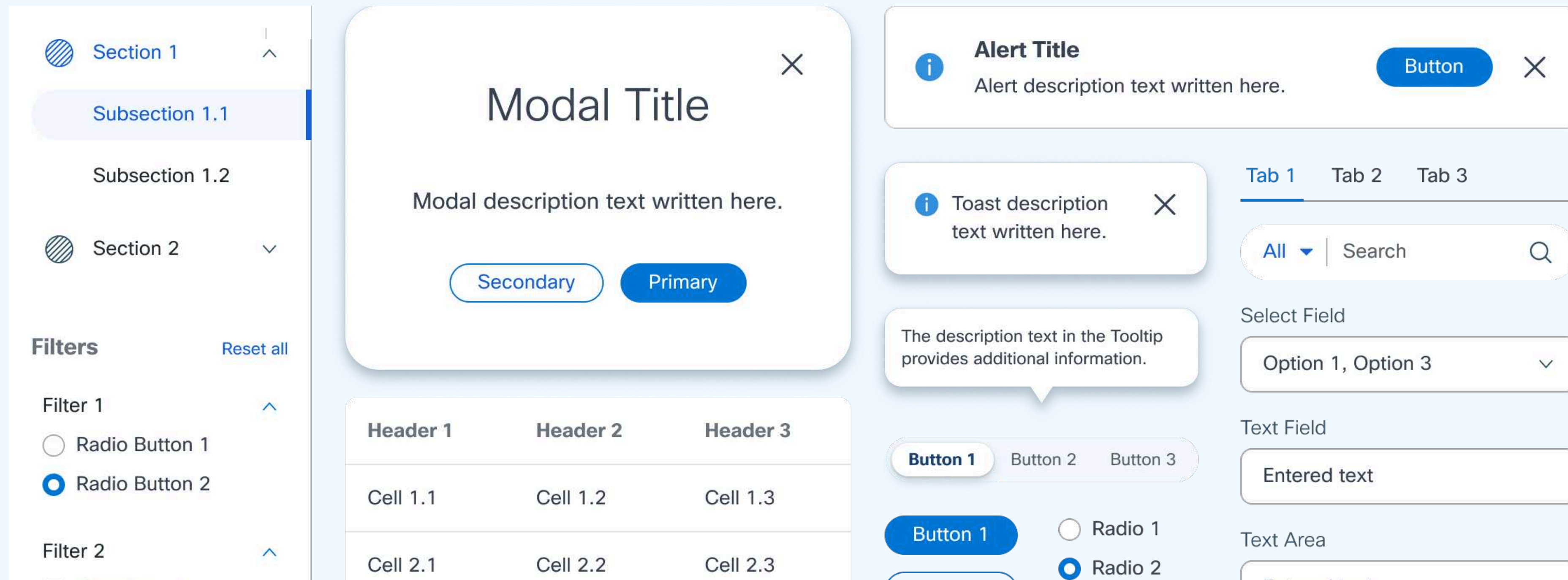
[Clear all](#)

Name	Product ID	Product Description	Advisories ▼	License Status
Cell Text	Cell Text	Cell Text	Cell Text	Cell Text
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Final Design System

The design system **resolved several issues:**

1. Designers now have a clear and accessible place to find the components they need.
2. Guidelines were established to inform them when and how to use the components, preventing confusion.
3. Ultimately, it delivers a consistent user experience.



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