



Diagram Basics

Do you need to make a new diagram? Here are some guidelines and how tos to ensure consistency in our diagrams so they reflect FusionAuth branding moving forward, you can checkout our resources available: [UI Style Guide](#), [Icons Library](#), and [Icons Guidelines](#) for new icons needed. If a Custom Diagram is needed from the design team, please follow the “Diagram Request” directions on Linear.

Typography

This serves as reference for desired text style when creating diagrams, nevertheless there is room for flexibility when another text style is needed, please use [UI Style Guide](#) for reference.

Name	Font-weight	Font-size	Line-height
Display 1	500 - Medium	18px - 20px	28px
Display 2	700 - Bold	16px - 14px	24px
Display 3	500 - Medium	14px - 12px	20px

Main Colors

This serves as reference for desired text colors when creating diagrams, keeping in mind that when a Framework, Client Library or Logo is being used we can bring their primary brand color for better representation.

Indigo | colors.indigo

Indigo 300



HEX #a5b4fc
RGB (165,180,252)

Indigo 400



HEX #818cf8
RGB (129,140,248)

Indigo 500



HEX #6366f1
RGB (99,102,241)

Indigo 700



HEX #4338ca
RGB (67,56,202)

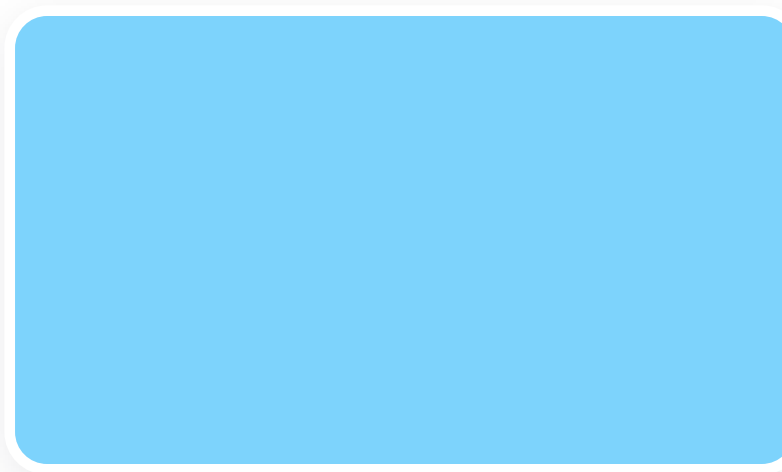
Indigo 900



HEX #312e81
RGB (49,46,129)

Sky | colors.sky

Sky 300



HEX #7dd3fc
RGB (125,211,252)

Sky 400



HEX #38bdf8
RGB (56,189,248)

Sky 500



HEX #0ea5e9
RGB (14,165,233)

Sky 700



HEX #0369a1
RGB (3,105,161)

Sky 900



HEX #0c4a6e
RGB (12,74,110)

Fuchsia | colors.fuchsia

Fuchsia 300



HEX #f0abfc
RGB (240,171,252)

Fuchsia 400



HEX #e879f9
RGB (232,121,249)

Fuchsia 500



HEX #d946ef
RGB (217,70,239)

Fuchsia 700



HEX #a21caf
RGB (162,28,175)

Fuchsia 900



HEX #701a75
RGB (112,26,117)

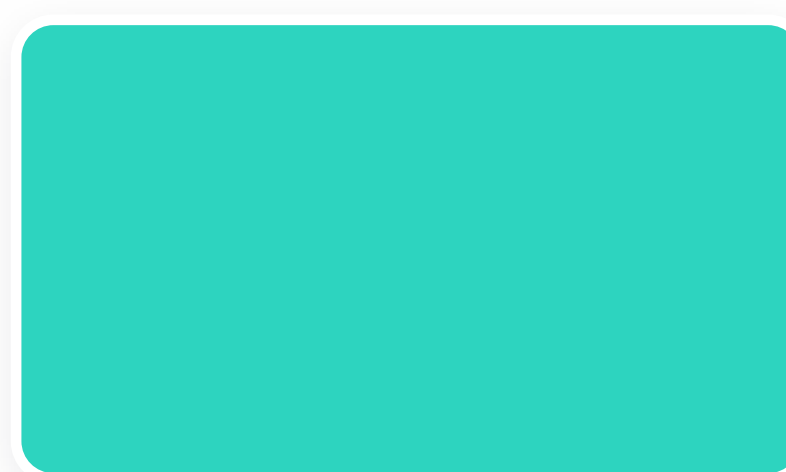
Teal | colors.teal

Teal 300



HEX #5eead4
RGB (94,234,212)

Teal 400



HEX #22d3ee
RGB (45,212,191)

Teal 500



HEX #14b8a6
RGB (20,184,166)

Teal 700



HEX #0f766e
RGB (15,118,110)

Teal 900



HEX #134e4a
RGB (19,78,74)

Rose | colors.rose

Rose 300



HEX #fb9ca7
RGB (253,164,175)

Rose 400



HEX #fb7185
RGB (251,113,133)

Rose 500



HEX #f43f5e
RGB (244,63,94)

Rose 700



HEX #be123c
RGB (190,18,60)

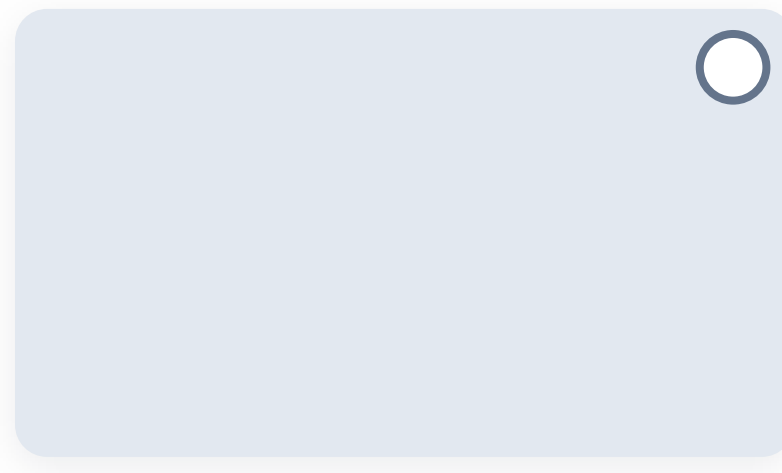
Rose 900



HEX #818cf8
RGB (136,19,55)

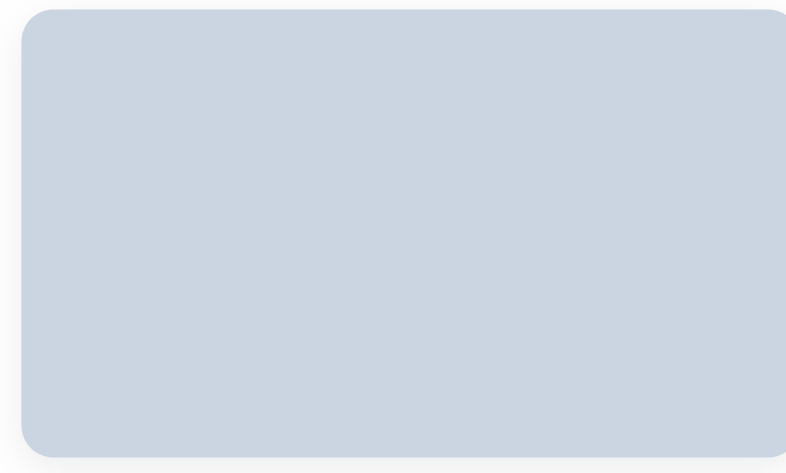
Slate | colors.slate

Slate 200



HEX #e2e8f0
RGB (226,232,240)

Slate 300



HEX #cbd5e1
RGB (203,213,225)

Slate 400



HEX #94a3b8
RGB (148,163,184)

Slate 500



HEX #64748b
RGB (100,116,139)

Slate 700



HEX #334155
RGB (51,65,85)

Main Gradients

This main brand gradients are the primary and the “go to” Background gradients to be used when creating diagrams, keep in mind the use cases considerations listed in this guide, to get more inside in their proper usage.

Blue Zodiac



#1B2140

Blue Zodiac Light



#203560

Dark Slate



#1E293B

Light Slate



#E2E8F0

#F1F5F9

Other Gradients

This brand gradients are available for usage when extra color is needed, **be intentional** when adding this gradients to any diagram as they will call attention and could cause distraction.

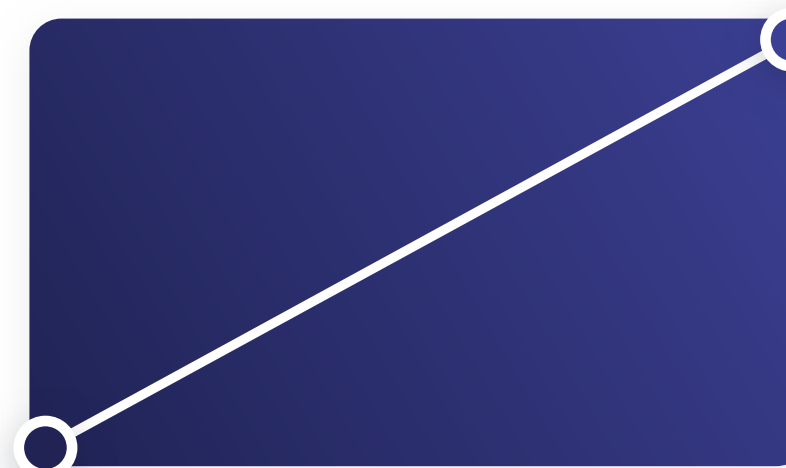
Teal



#102E39

#116162

Indigo



#202354

#3C4094

Sky



#0E2E49

#0E5E89

Fuchsia



#321A5B

#782F91

Rose



#491731

#8B2C46



Diagram Creation

Creating diagrams can be a little comple, and we want to make sure consistency is been kept across them. Here is the symbols needed to create a new diagram, make proper usage our defined font-sizes, color palette, gradients, and symbols.

Symbols

Containers

Main Brand Colors

Font-Size: 14px, 16px

Radius: 4px; 8px; 12px

Border: 2W; 4D; 6G

Orange 500

Outline Orange 500

Blue Zodiac

Label Orange 500

Label Orange 500

Label Slate 200

Containers

Process or Step

Font-Size: 14px, 16px

Radius: 4px; 8px; 12px

Border: 2W; 4D; 6G

Blue Zodiac Light

Outline Slate 400

Dark Slate

#334155

#94A3B8

#CBD5E1

Labels

Process or Step

Font-Size: 14px, 16px

Radius: 4px; 8px; 12px

Min-Height: 40px

Blue Zodiac Light

Slate Gray 500

Light Slate

#CBD5E1

#64748B

#475569

Labels

Diagram Labels

Color: #FFFFFF

Radius: 4px

Font-Size: 14px, 16px

Border: 2W; 4D; 6G

Dark Slate

Slate Gray 500

Dark Slate

#FFFFFF

#FFFFFF

#CBD5E1

Decision

Action Taken

Font-size: 12px

Radius: 12px

Min-height: 40px

NO

Negative

Color: #FFFFFF

Background: #F43F5E

YES

Positive

Color: #FFFFFF

Background: #14B8A6

Arrows

Connector Between Shapes

Stroke: 2px

Connector Dot: 12px

Triangle: 16px; 18px

Line Arrow

Curved Arrows

Diagram Icons

This serves as reference for desired icons to be used when creating a diagrams, Always use our [Icon Library 0.4 \(Diagram Main Icons, Diagrams Logos, Main Logos, Social Login Logos, Brochure Icons, and more\)](#), How to find them? Insert →Symbols → Icon Library 0.4. We mostly use Dark mode icons, and bright icons if more contrast is needed. Check our [Icon Design Guidelines](#) Doc for new icons.

Diagram Main Icons → Bright (+32 Icons)



Diagram Main Icons → Dark (+32 Icons)



Diagram Main Icons → Light (+32 Icons)



Tiny General Icons (+12)



Main Logos → Dark (+5)



Main Logos → Light (+4)



Diagram Components

Diagram Components → Containers (+7)

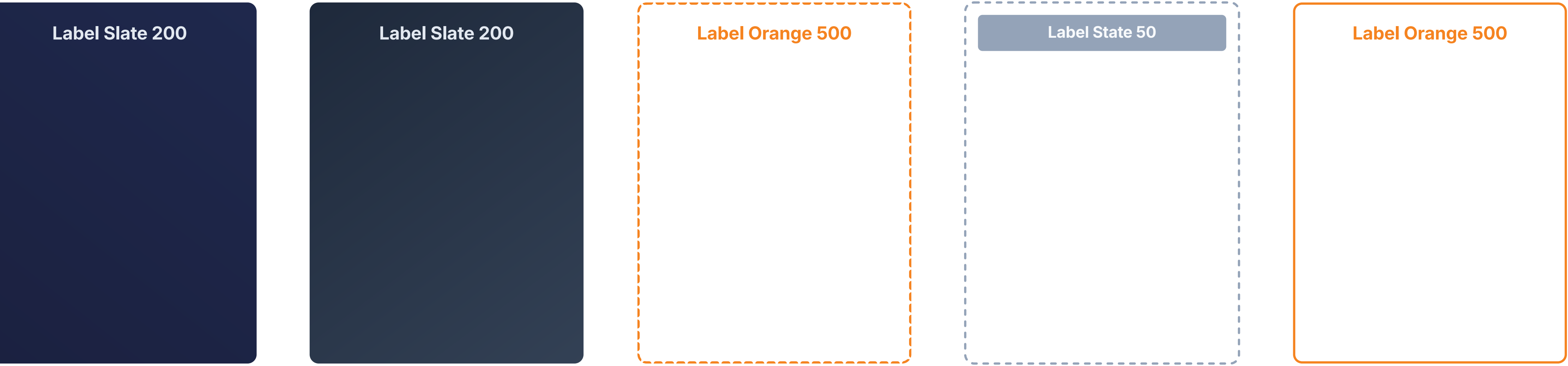


Diagram Components → Labels (+11)



Diagram Components → Process (+6)

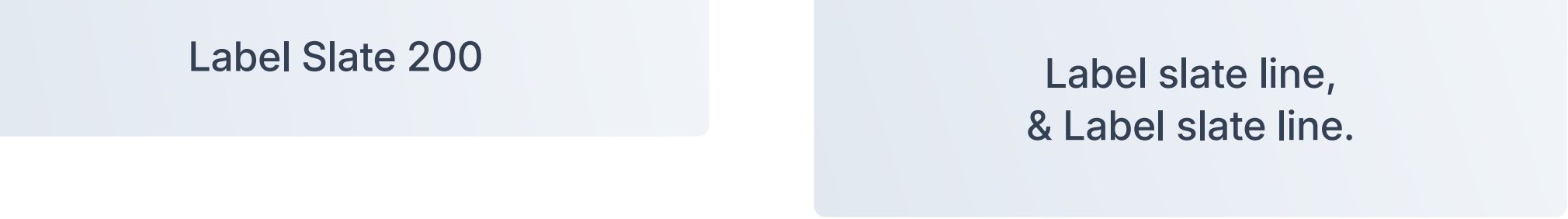


Diagram Components → Decisions (+4)



Diagram Components → Arrows (+4)



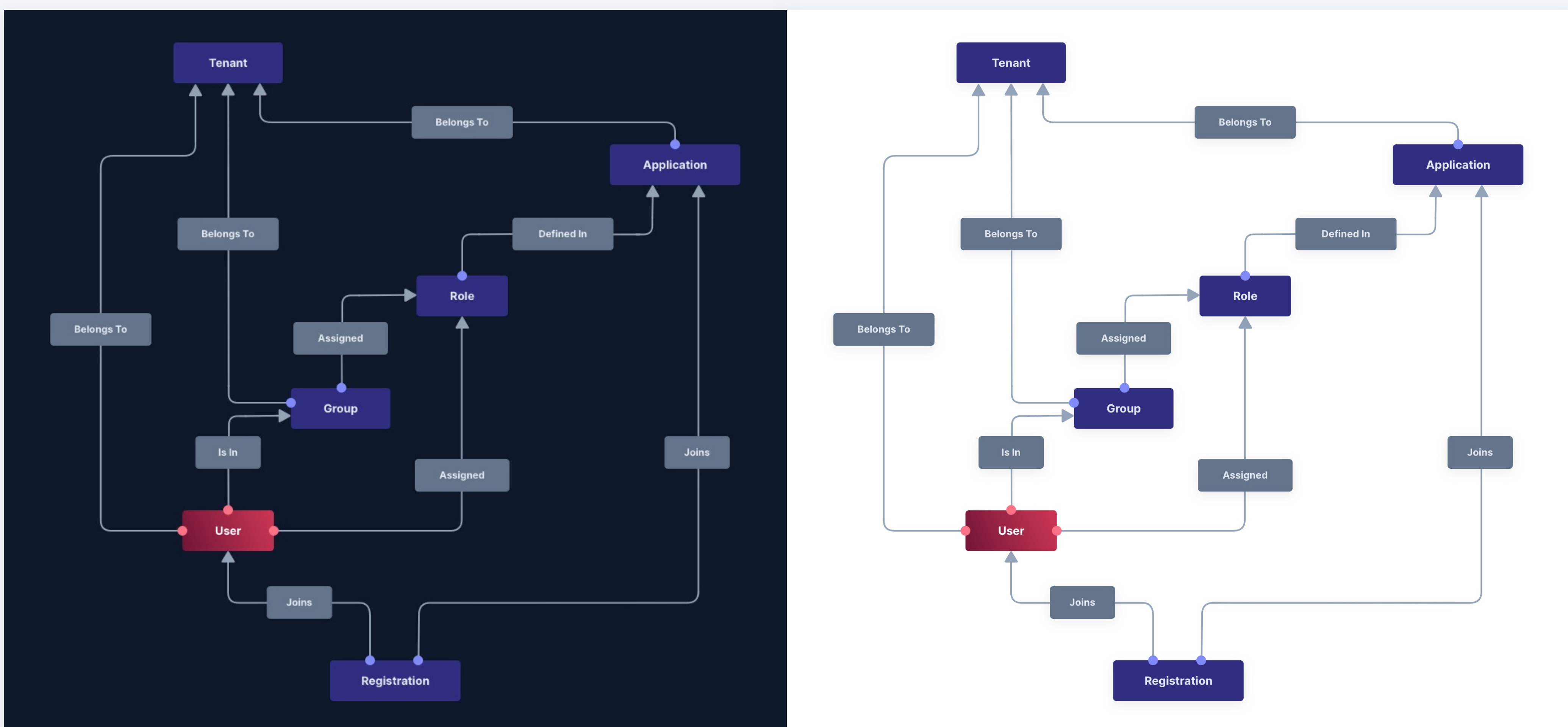


Diagram Use Cases

Keep in mind that every diagram should be design out according to our branding, but there is always room for creativity when following these rules and directions. As long as it stays consistent with our brand, things like font-size, background colors, gradients, shapes, icons, can be ajusted using our [UI Style Guide](#) as reference for this changes.

Case 1

Class Diagram

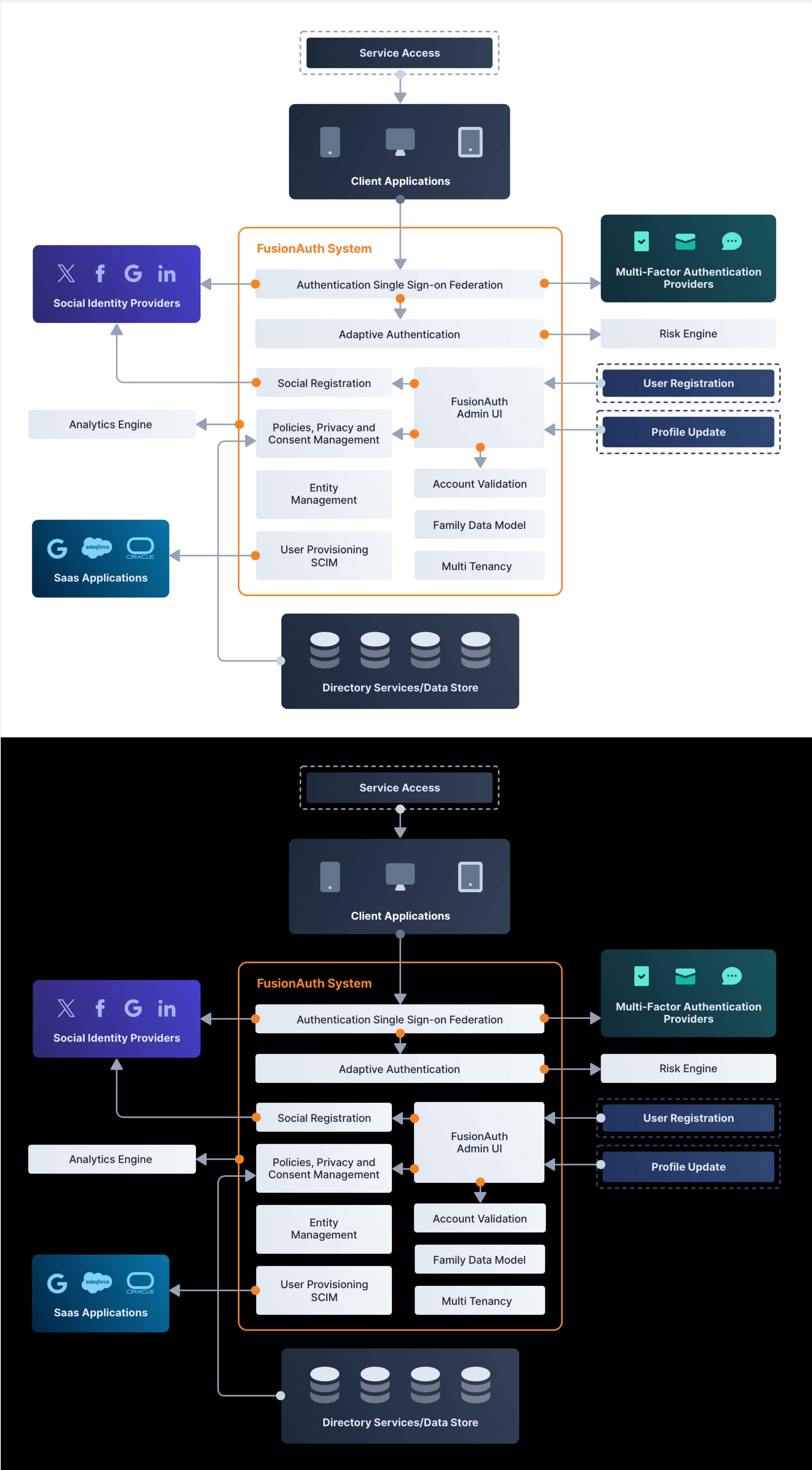


Other Considerations:

- 1- **Composition:** Diagrams should be designed to work on **light and dark** mode.
- 2- **Color:** Be intentional about the color palette. Keep in mind that FusionAuth Primary color “Orange 500” is used to represent FusionAuth. Make use of our colors from [UI Style Guide 2024](#) and [UI Style Guide 2024 → Diagram Gradients](#).
- 3- **Connecting Arrows:** Arrows indicate the direction in which the process is flowing from one step to the next. It starts with a 12px dot connector symbol on screens, not on actions. Arrow ending (The Triangle) should always be 16x18px. Make sure to use our Symbols → Components Library 0.1 → Diagrams → **Arrows**.
- 4- **Labels:** Make sure the diagram is easy to understand and that you are using our Labels from Symbols → Components Library 0.1 → Diagrams → **Labels** and **Labels Small**

Case 4

UML Diagram



Other Considerations:

- 1- **Composition:** Diagrams should be designed to work on light and dark mode.
- 2- **Color:** Be intentional about the color palette. Make sure to use our [UI Style Guide 4.0](#).
- 3- **Labels:** Please make use of our selected labels from this guide and in our Symbols when creating a new diagram.
- 4- **Connecting Arrows:** Make sure to use our Symbols → Components Library 0.1 → Diagrams → **Arrows**.
- 5- **Icons:** When using icons make sure to use our Icon Library 4.0 Symbols. Be careful when increasing or decreasing it's size.
- 6- **Containers:** Make sure to use our Symbols → Components Library 0.1 → Diagrams → **Containers**.



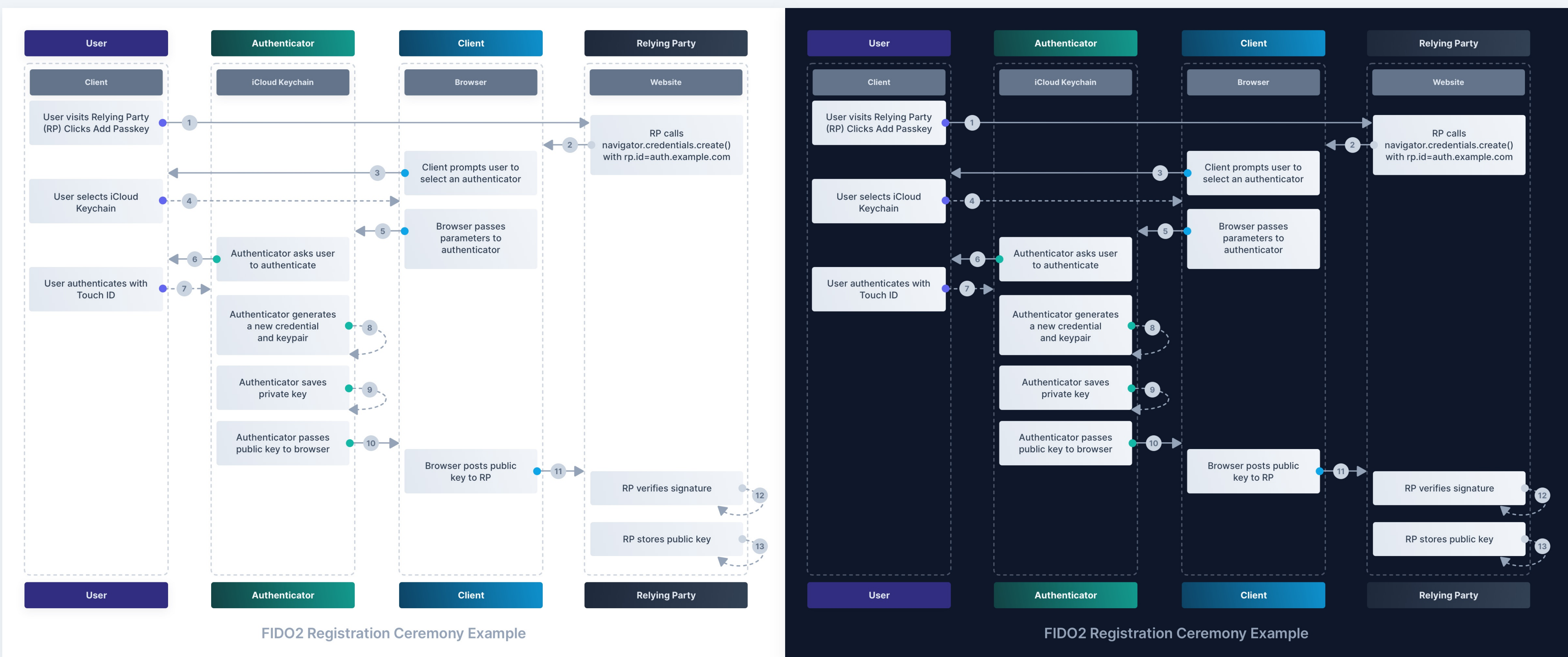
Diagram Use Cases

Keep in mind that every diagram should be design out according to our branding, but there is always room for creativly when following these rules and directions. As long as it stays consistent with our brand, things like font-size, background colors, gradients, shapes, icons, can be ajusted using our [UI Style Guide](#) as reference for this changes.

Case 1

Sequence

Now, you are ready to create your new diagram. First, let's create a new artboard, we only use 2 artboard sizes for Docs and Articles. Default size is Fix width 1200 pixel x (Auto) responsive Height, and for narrow diagrams Fix width 960 pixels x (Auto) height.



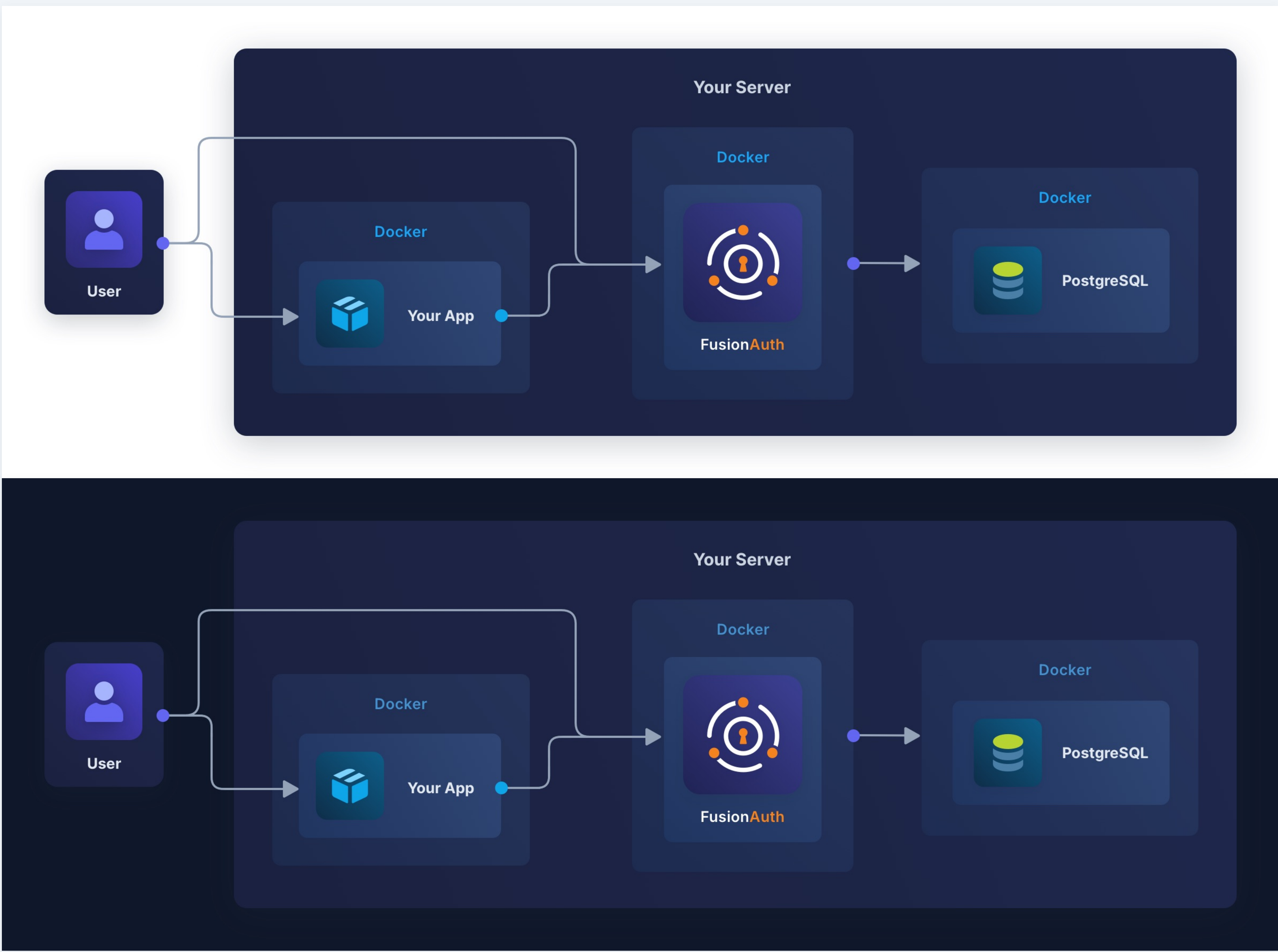
Other Considerations:

- 1- **Composition:** Diagrams should be designed to work on light and dark mode.
- 2- **Color:** Make use of our colors from [UI Style Guide 2024](#) and [UI Style Guide 2024 → Diagram Gradients](#).
- 3- **Dashed Grouping:** A dashed stroke indicates alternate paths or an alternate process. When using dashed grouping it is representing a flexible container. Make sure to use our Symbols → Components Library 0.1 → Diagrams → **Containers**.
- 4- **Numbers:** When adding numbers to the steps on a flow diagram, make sure it makes sense we they are being located. Use the number Icon/symbol from Icon Library 0.4 → **Tiny General Icons**
- 5- **Connecting Arrows:** Make sure to use our Symbols → Components Library 0.1 → Diagrams → **Arrows**.
- 6- **New Elements and Symbols:** When creating new elements that are not in our symbols library, make sure to create atoms that can be reused in other diagrams as symbols. where? 2024 Design Libraries → Components Library 0.1 → **Diagrams**

Case 2

Flow Diagram

Labels	Font-sizes	Process Symbols	Arrows
Gray Slate 500, text #E2E8F0	12px; 14px	Light Slate, text #475569	Line and Curved Arrows



Other Considerations:

- 1- **Composition:** Diagrams should be designed to work on light and dark mode.
- 2- **Color:** Be intentional about the color palette. **Indigo** (Calming and mistery) good to represent users, **Sky** (Stability) good to represent good outcomes, **Fuchsia** (confidence and trust) good for starting a journey, our **Rose** color (Danger, attention, alerts) so this should use on this cases.
- 4- **Containers:** Make sure to use our Symbols → Components Library 0.1 → Diagrams → **Containers**. Blue Zodiac Containers should always use a drop-shadow: **Slate 900, opacity 24%, x:0 y:6, blur: 24** or Slate 900, **opacity 24%, x:0 y:6, blur: 34**
- 3- **Icons:** When using icons make sure to use our symbols: **Icon Library 4.0 → Diagram Main Icons**. Be careful when increasing or decreasing it's size (Always even numbers).
- 3- **Connecting Arrows:** Arrows indicate the direction in which the process is flowing from one step to the next. It starts with a 12px dot connector symbol on screens, not on actions. Arrow ending (The Triangle) should always be 16x18px. Make sure to use our Symbols → Components Library 0.1 → Diagrams → **Arrows**.
- 4- **Numbers:** When adding numbers to the steps on a flow diagram, make sure it makes sense we they are being located. Use the number Icon/symbol from Icon Library 0.4 → **Tiny General Icons**
- 5- **Decision:** Make sure to use our Symbols → Components Library 0.1 → Diagrams → **Decisions**.

Diagram Components

Creating New Component

- 1- When creating a new component for diagram, they need to be created as a new symbol in our Components library: [Components Library 0.1 → Diagram Components](#).
- 2- Always use [UI Style Guide 4.0](#) when creating a new symbol and make sure all layers are properly organized, this new symbol should be properly named and located in the right category on the symbols directory. Nevertheless, Any **Library updates** need to be made by the design team, external team can only request a new component to be created, if you are not in the design team. DO NOT create new components or edit our current elements for diagrams.

New Exportable

- 1- Diagrams should be apporved and exported by the design team, anyone outside of the design team creating a new diagram should open a linear request and ask for review after creating a diagram with our symbols.
- 2- Make sure to export diagrams without background color in optimized png and svg format.