

UIUX with Figma

Module 5

Creating a Responsive Mobile Interface Using Auto Layout

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1

Working With Auto Layout

2

Resizing and Constraints Functions

3

Creating a Button Component

4

Creating a Text Field and a Input Form

5

Polish and Complete Our Design

Introducing auto layout

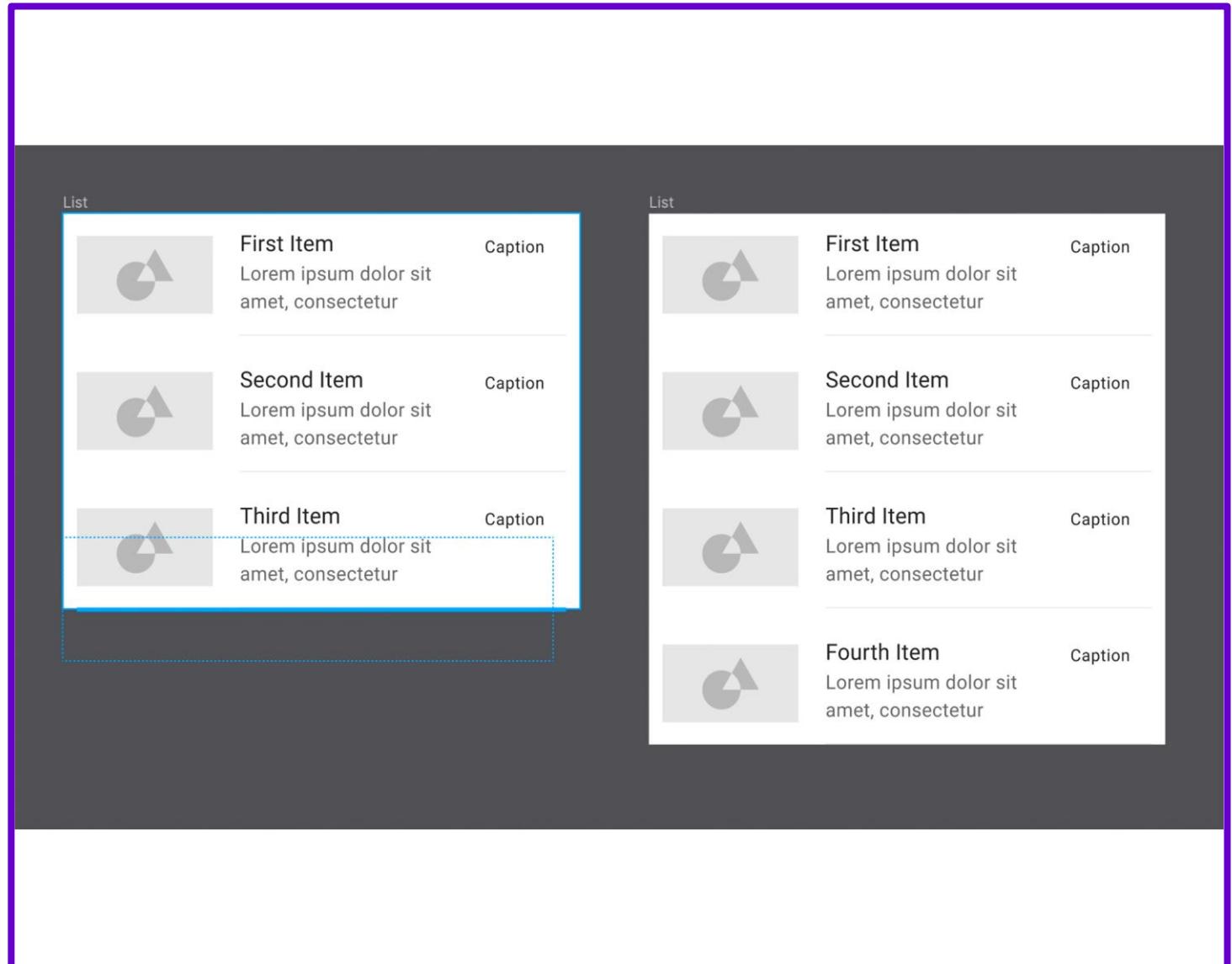
As you know, grids are incredibly useful for ensuring that all elements follow the same harmony and layout logic.

However, in many cases, relying only on them is a very risky decision, which cannot be said about auto layout.

The word "auto" gives you a hint that once you set properties, you don't need to worry about checking whether everything is positioned correctly.

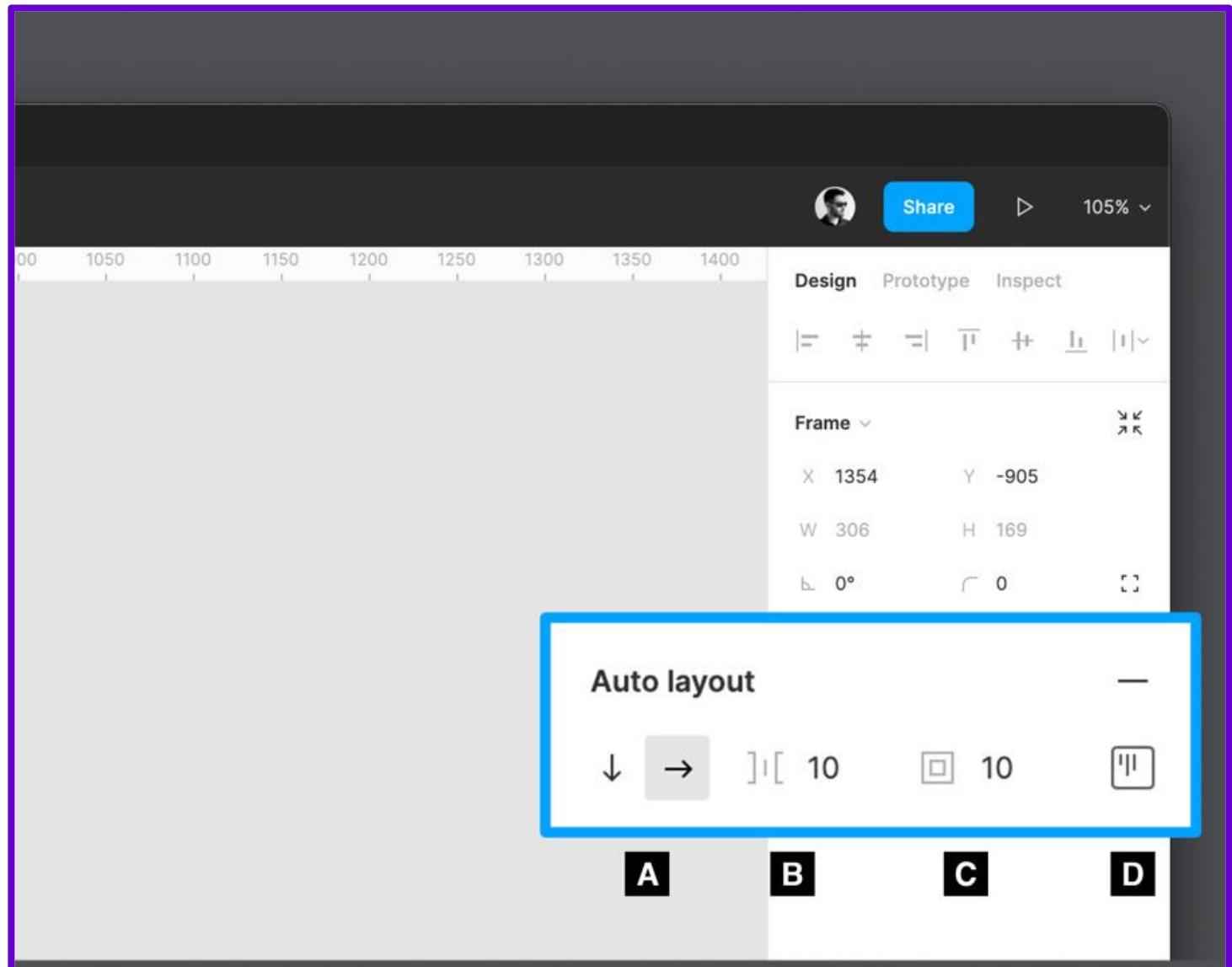
What is auto layout?

Once you apply this function to any frame, it will become dynamic – that is, **it will shrink or grow according to the size of the element (or elements) that it contains.**



Activating auto layout?

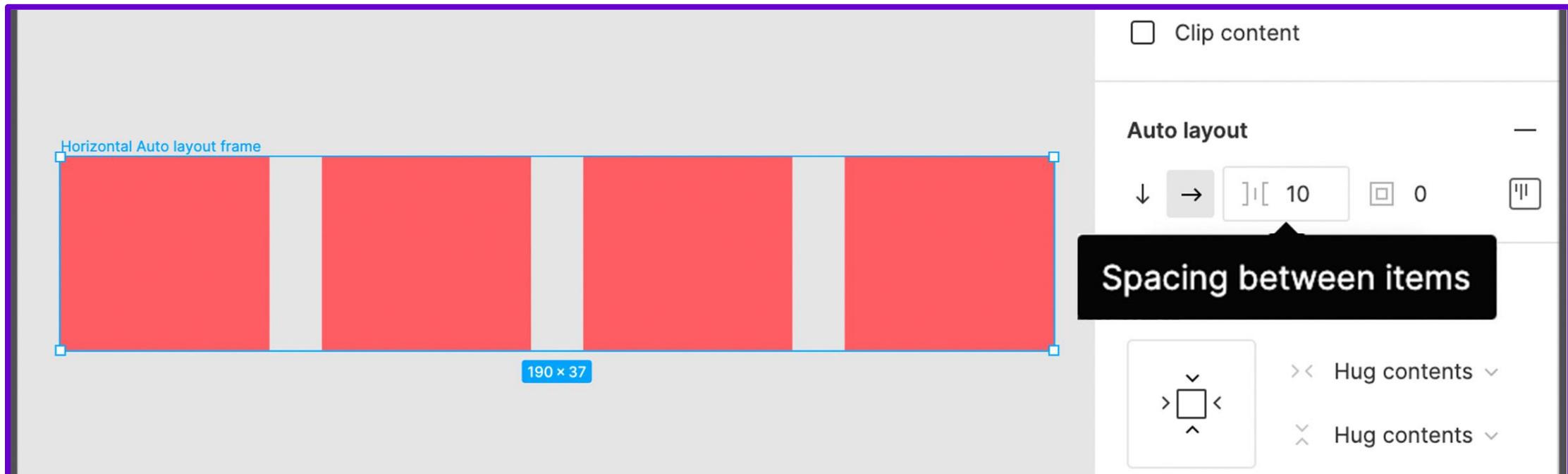
From the moment auto layout is activated – by clicking the + buttons next to the Auto layout label on the right sidebar, or simply using the Shift + A keyboard shortcut – the frame automatically resizes to fit the content inside it



Using Auto Layout

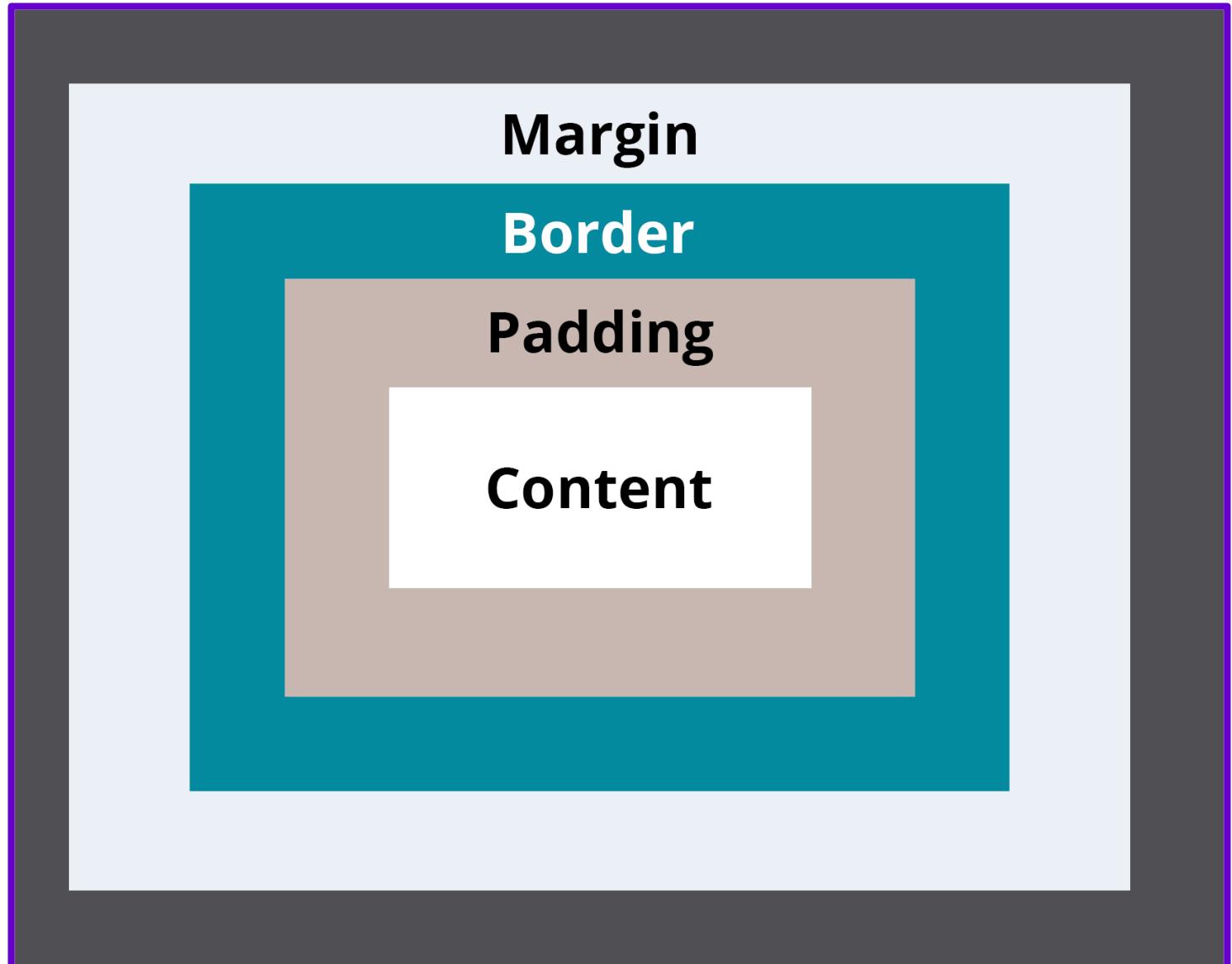
B – Spacing

When a frame with an active auto layout contains more than one element, whether horizontally or vertically, there will be equal spacing between them



Using Auto Layout C – Padding

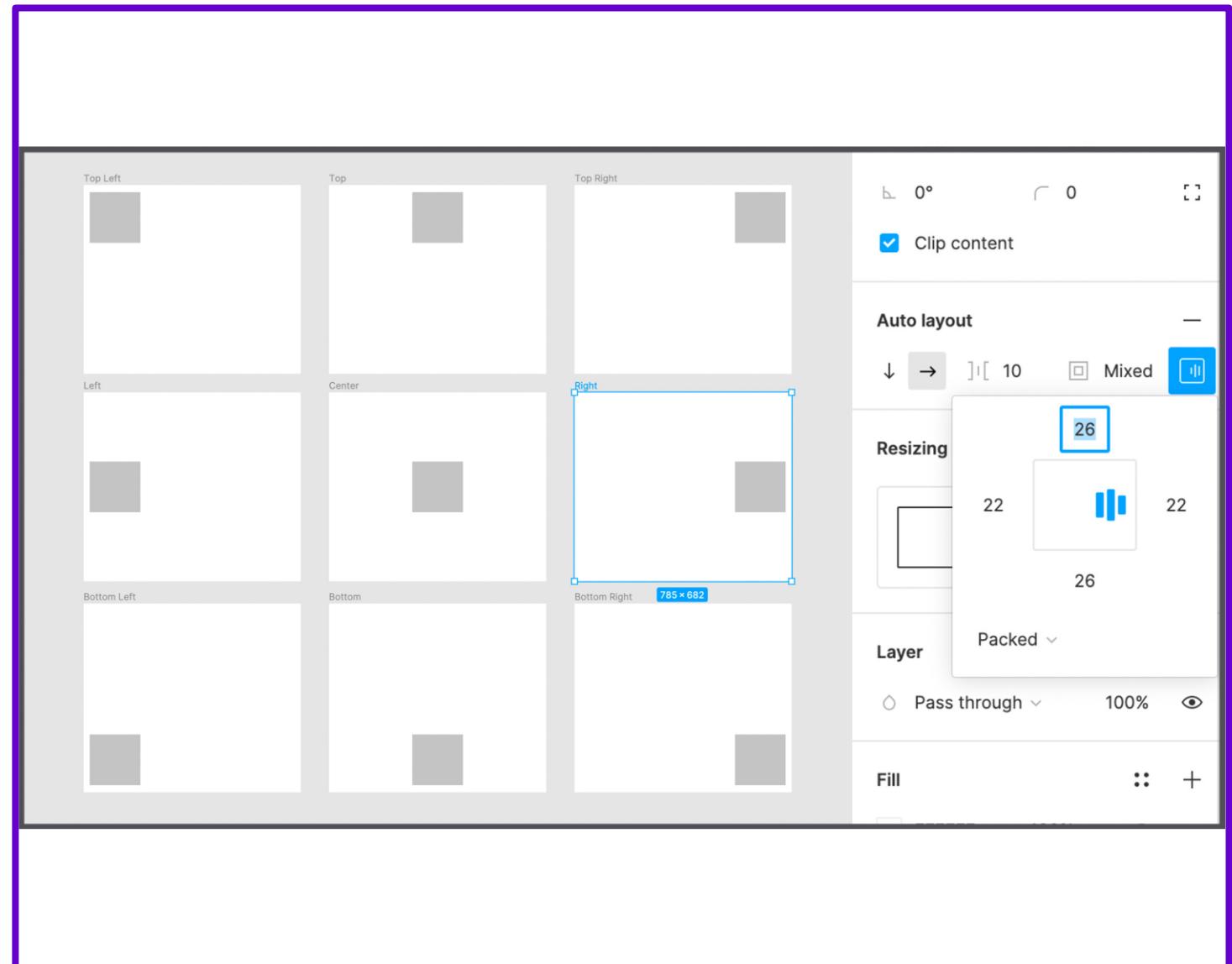
padding
(inner spacing
before the stroke)
and a margin (outer
spacing after the
stroke)



Using Auto Layout

D – Alignment and padding

In this case, you can set different padding values for each side of the frame. You can easily navigate through each of these values using the Tab key.



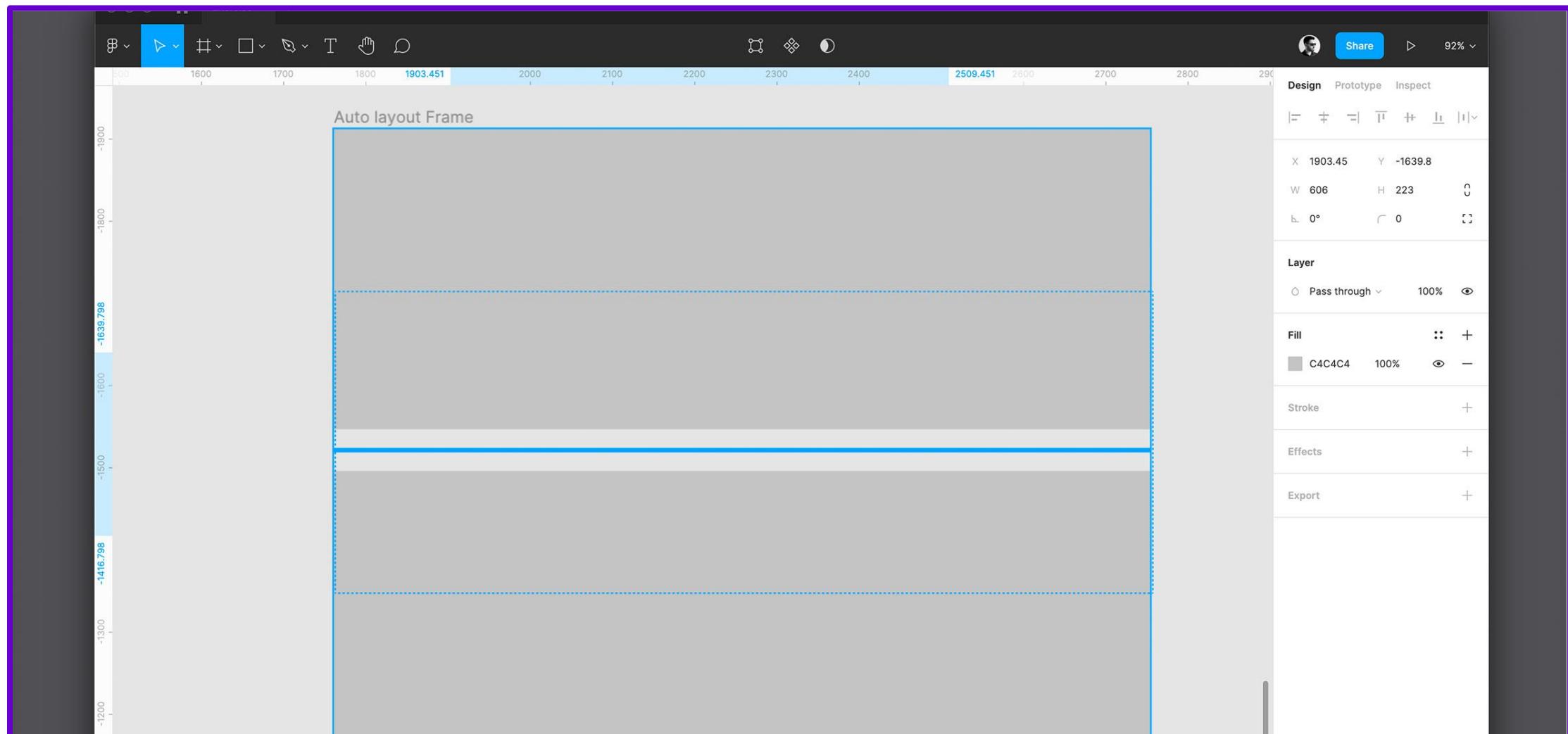
Using Auto Layout

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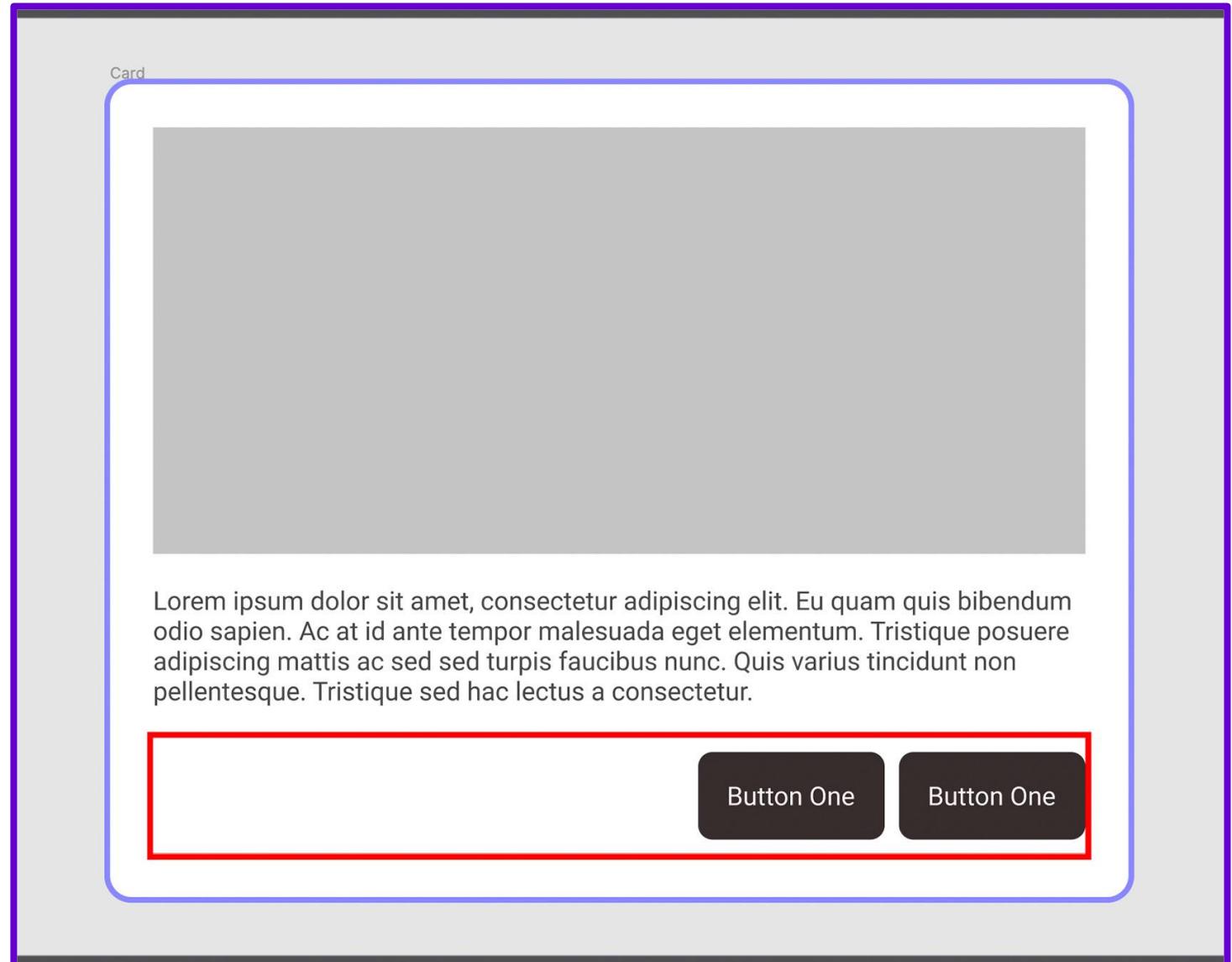


Adding, removing, and rearranging elements



Nesting auto layout

You can nest an auto layout frame within another auto layout frame as much as you like.



1

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4

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5

Polish and Complete Our Design

Resizing and constraints

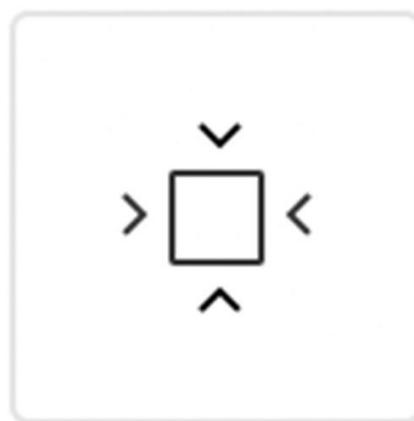
You should consider all resolutions, if possible, as well as the cases of switching from portrait to landscape mode with devices, or even from a mobile phone to a tablet or a desktop

Modern design tools aim to help designers with this problem by providing incredible features for creating responsive interfaces that can automatically adjust based on resolution and screen size

Resizing elements

You can see this just below the Auto layout function. By default, you have the **Hug contents** behavior, which means that the outer frame resizes in real time, depending on what it contains.

Resizing



>< Hug contents <

^< Hug contents <

Hug contents and fixed sizes

Frame 7

Hug Contents on both Width and Height parameters.

Frame 6

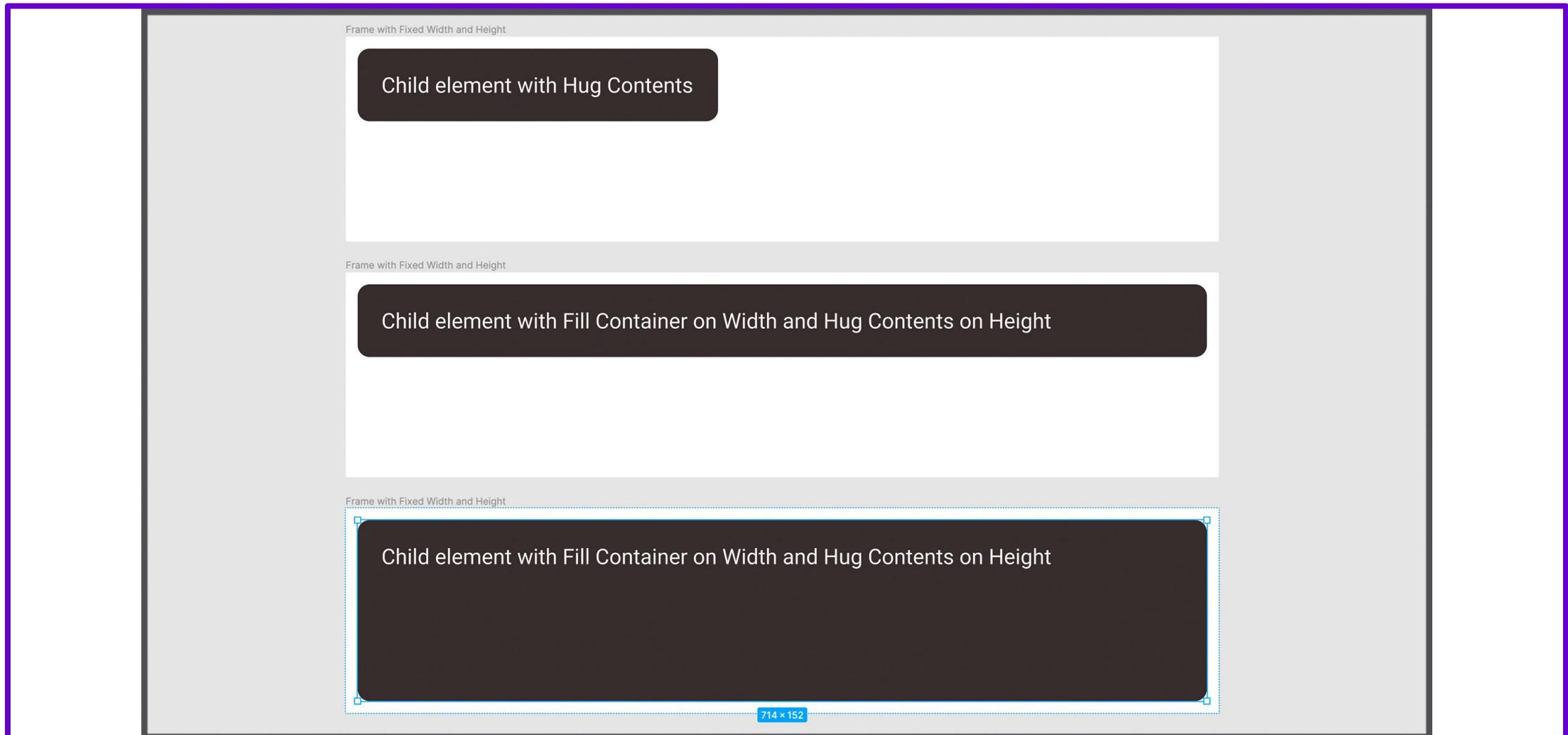
Fixed Width on Width and Hug Contents on Height.

Frame 8

Fixed Width on both Width and Height parameters.

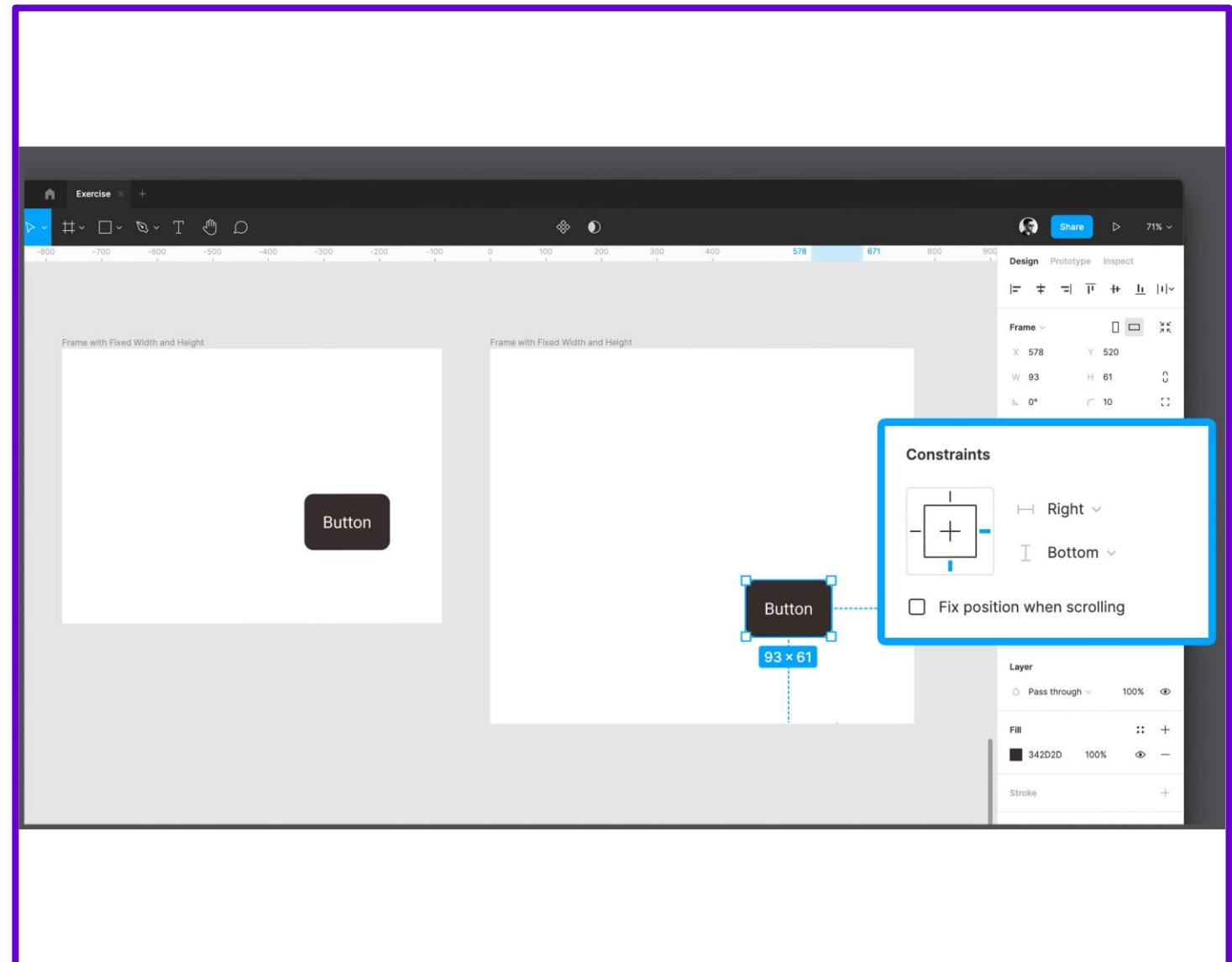
662 × 107

Fill container Property



Differences with constraints

When using a constraint, you are essentially locking the inner object at a specific position.



1

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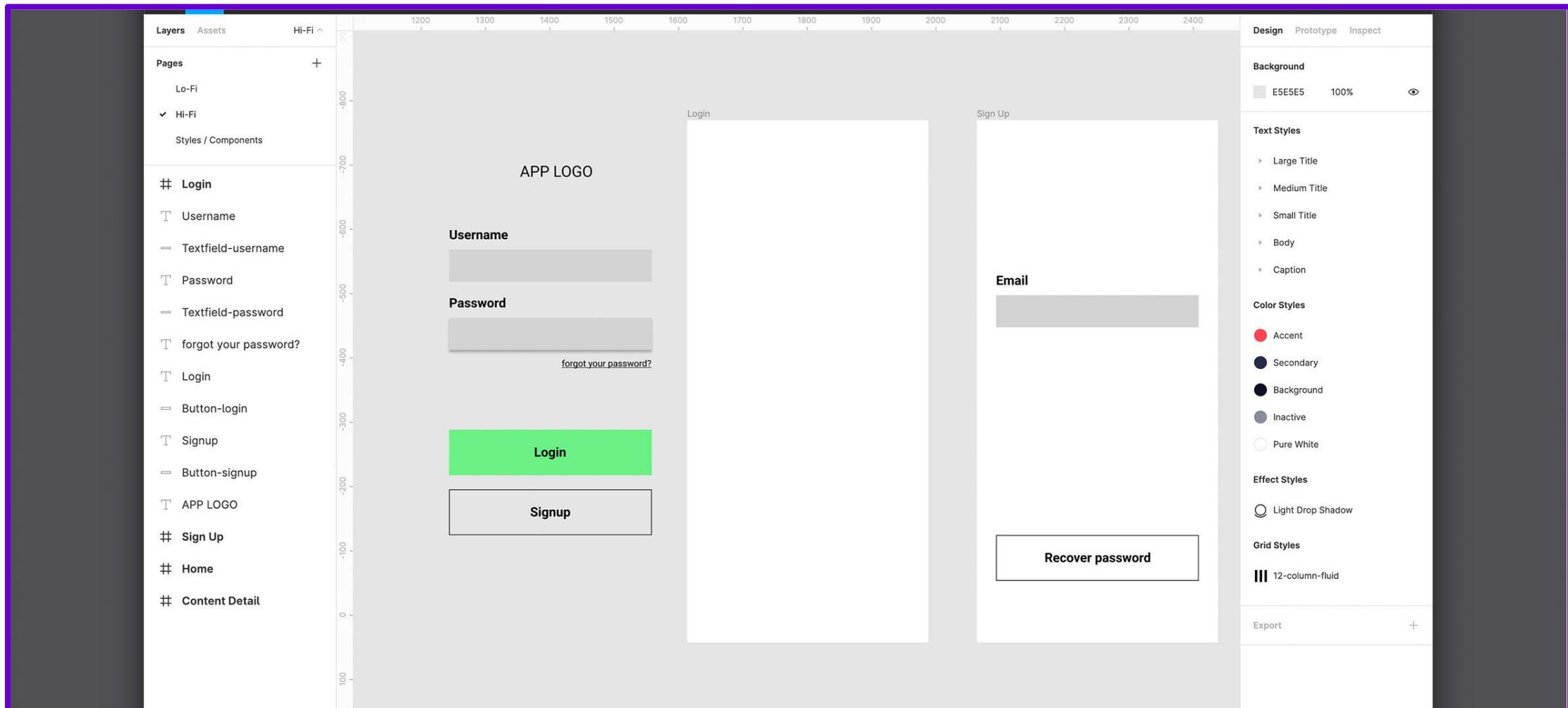
Creating a Text Field and a Input Form

5

Polish and Complete Our Design

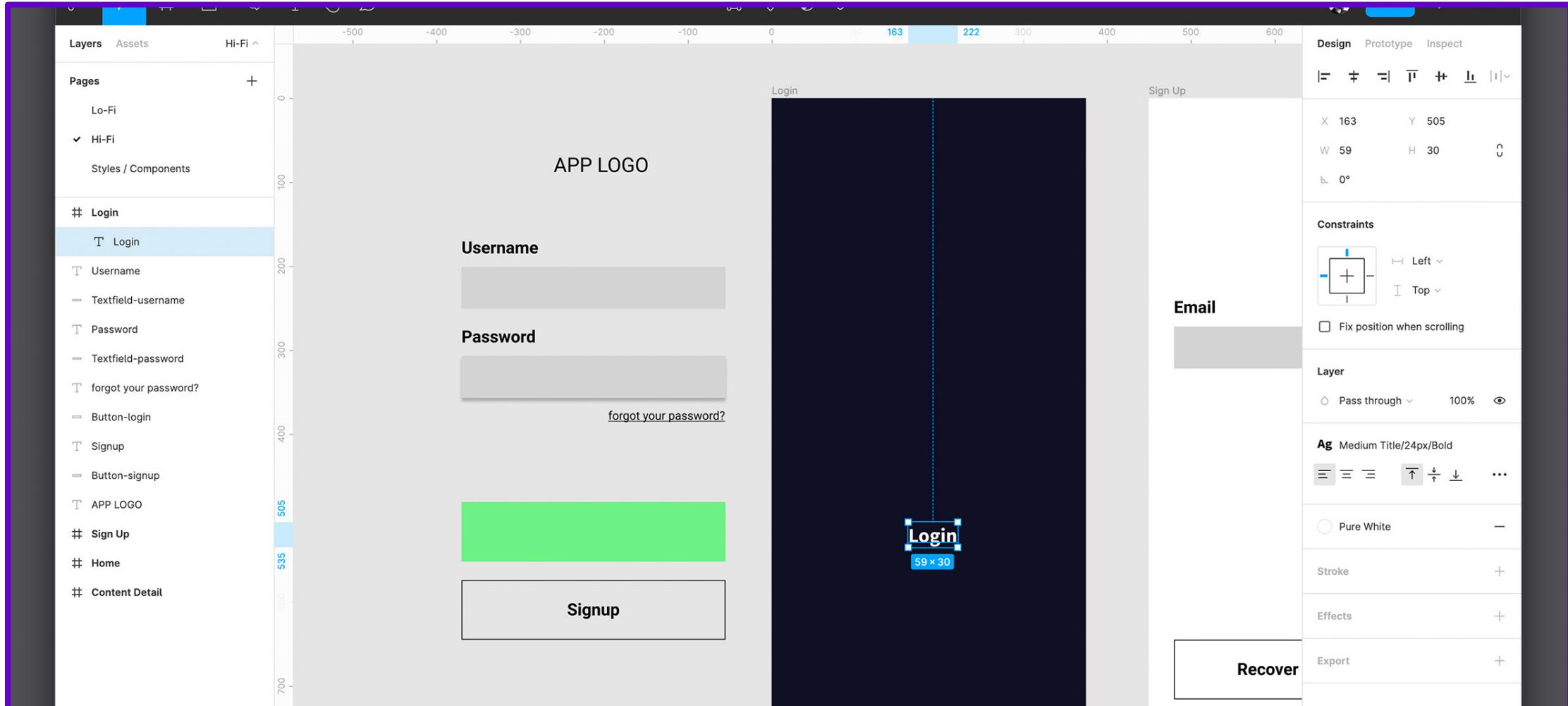
Shaping a Button for Our Project

Step 1



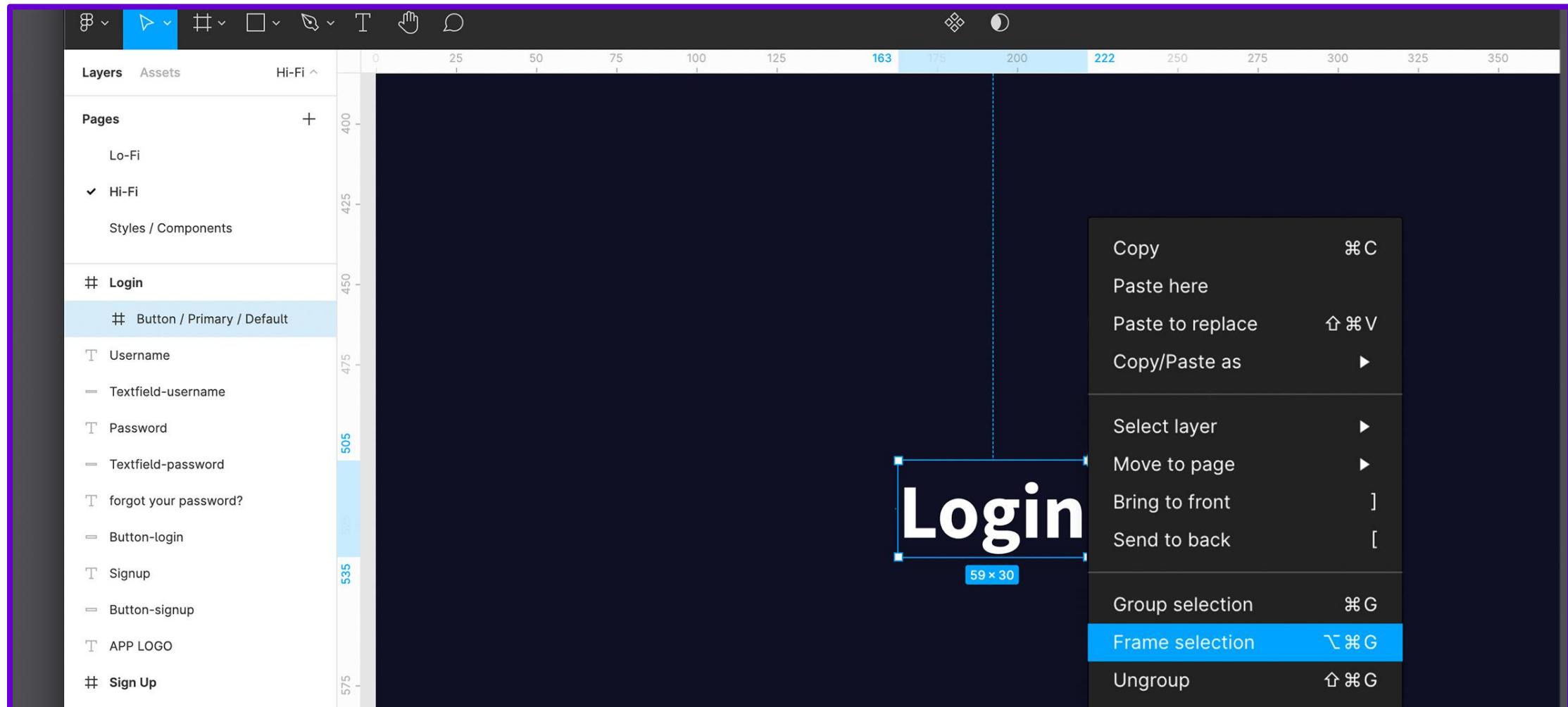
Shaping a button for our project

Step 2-4



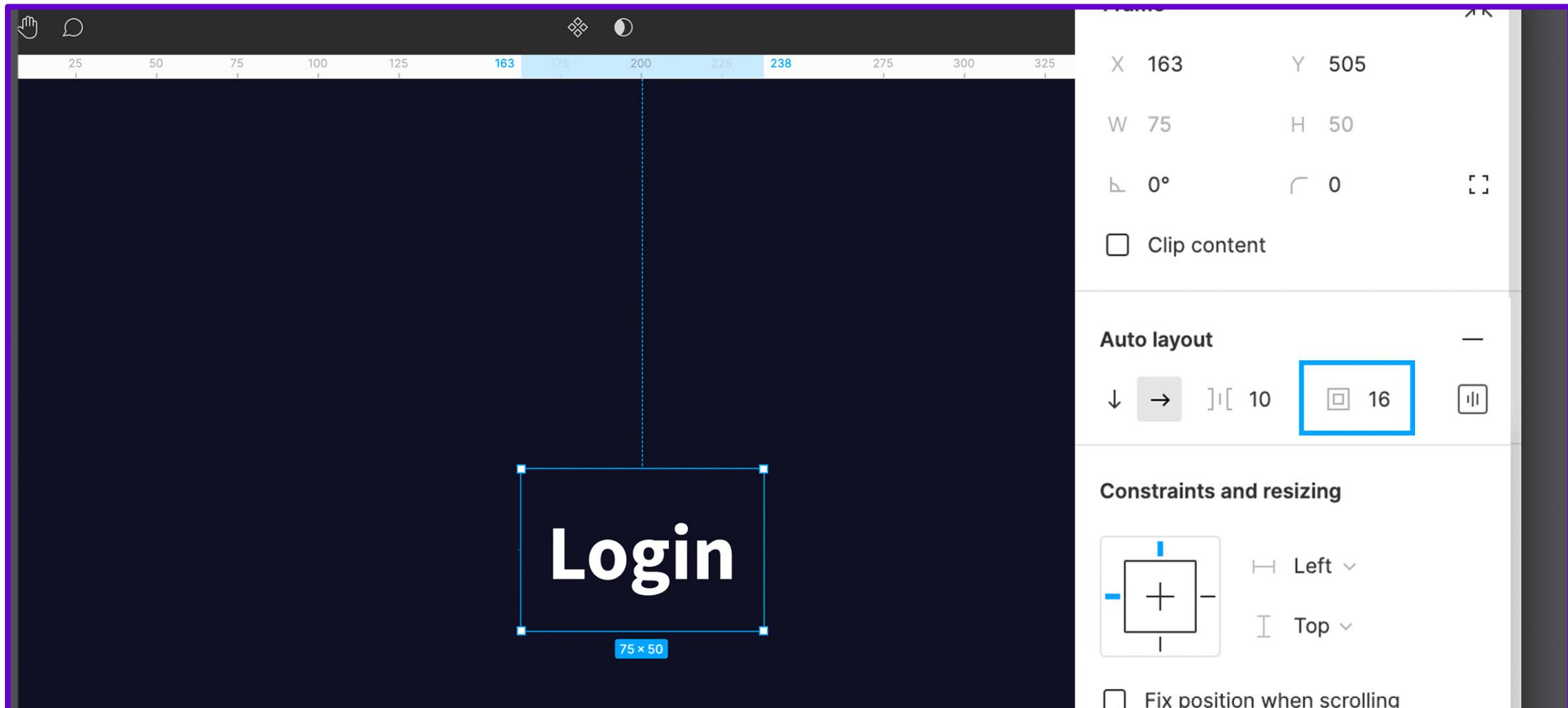
Shaping a button for our project

Step 5



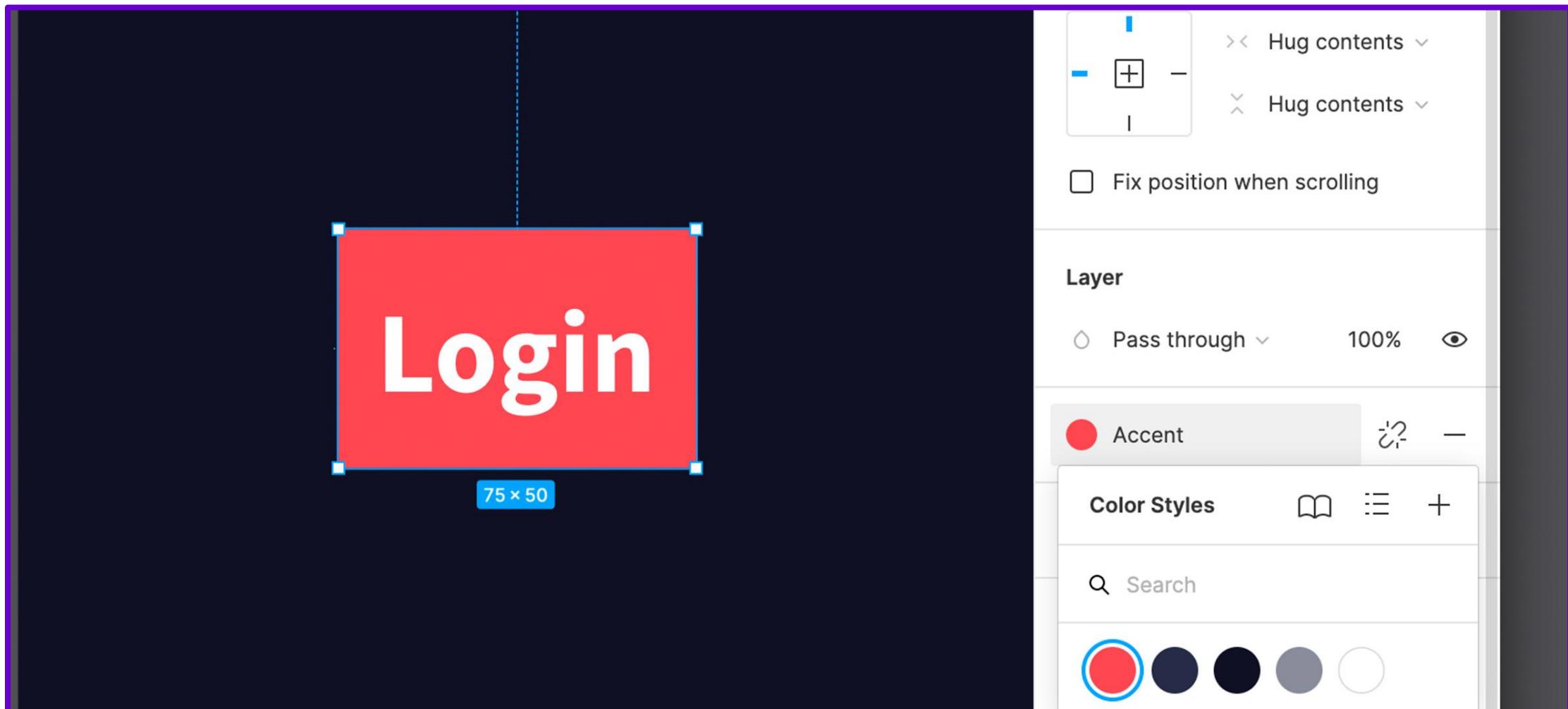
Shaping a button for our project

Step 5



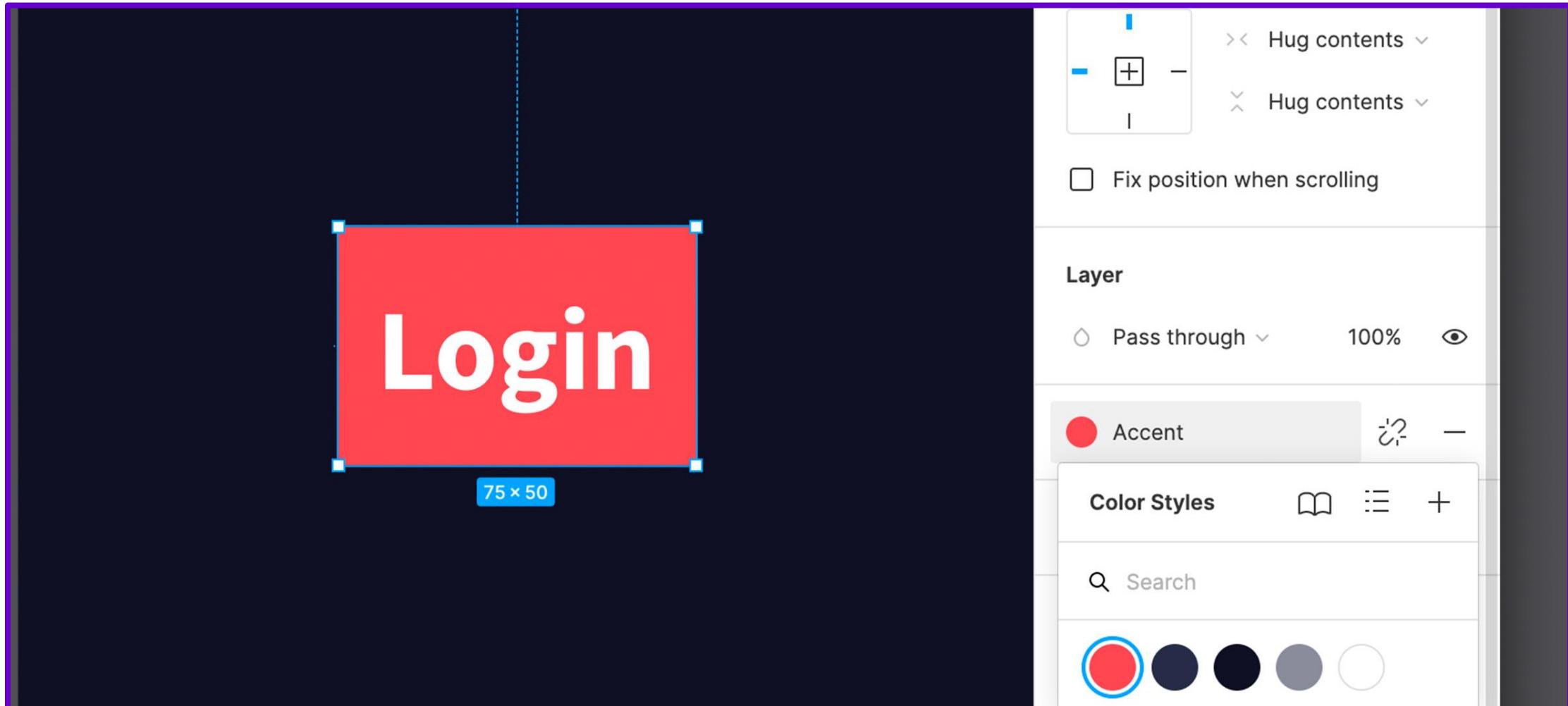
Shaping a button for our project

Step 6



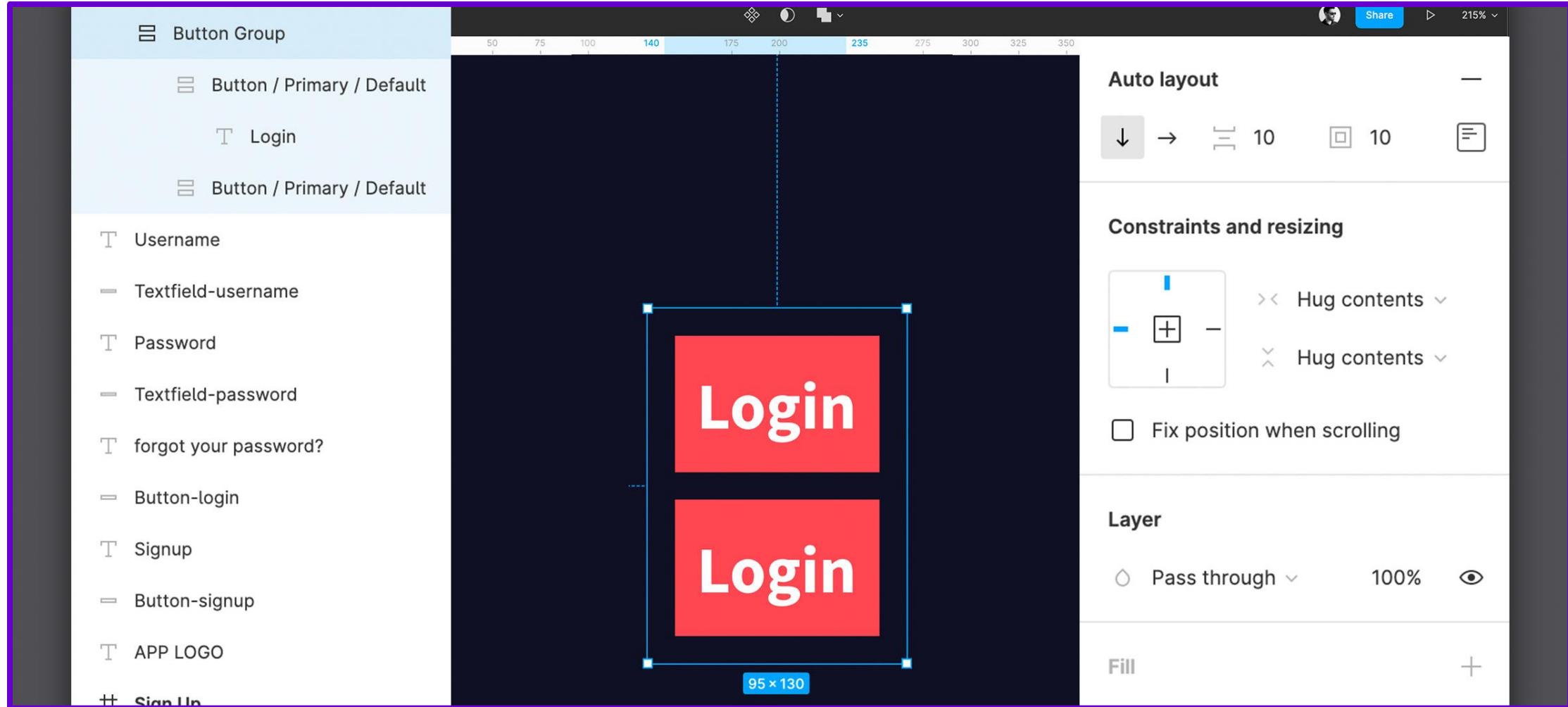
Shaping a button for our project

Step 6



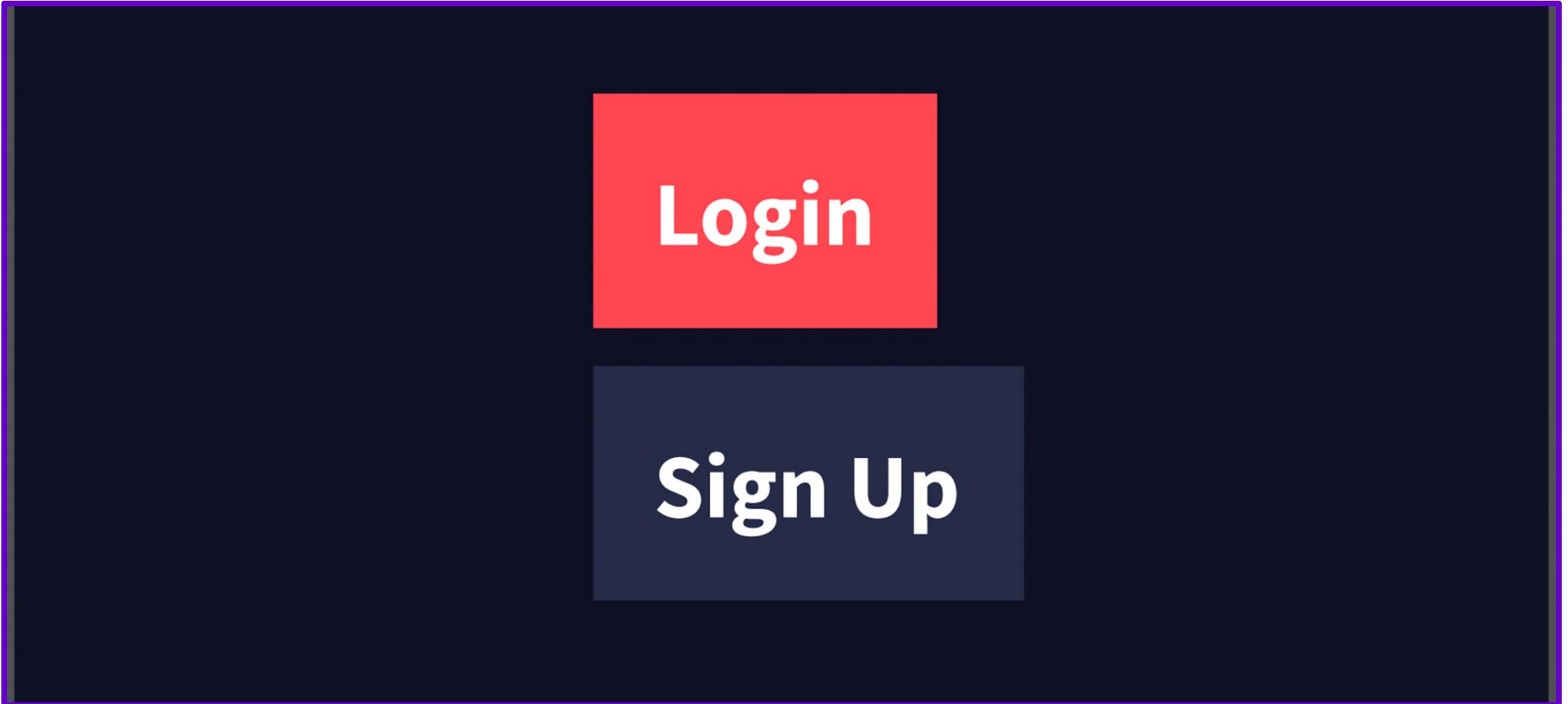
Completing the Login Page

Create Signup Button-Step 1



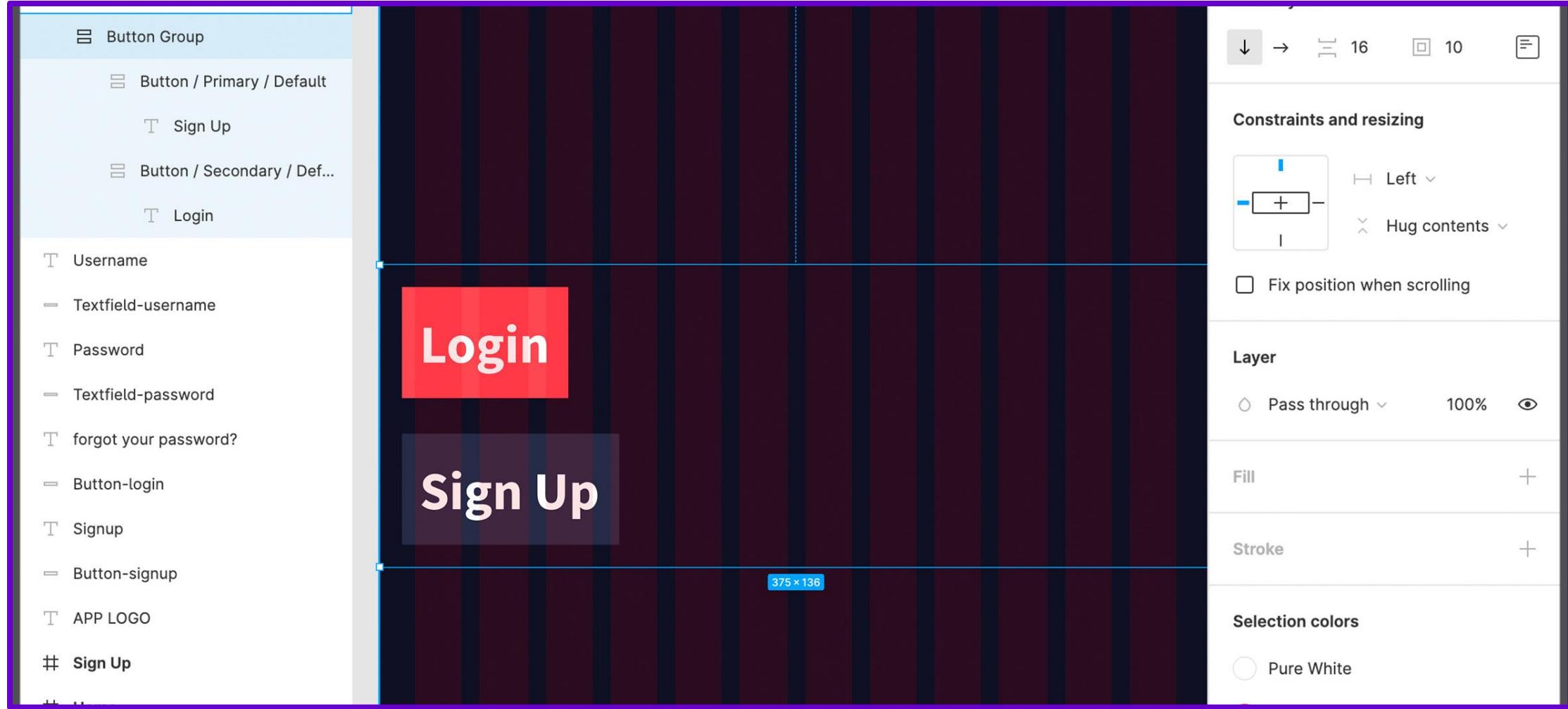
Completing the Login Page

Create Signup Button-Step 2



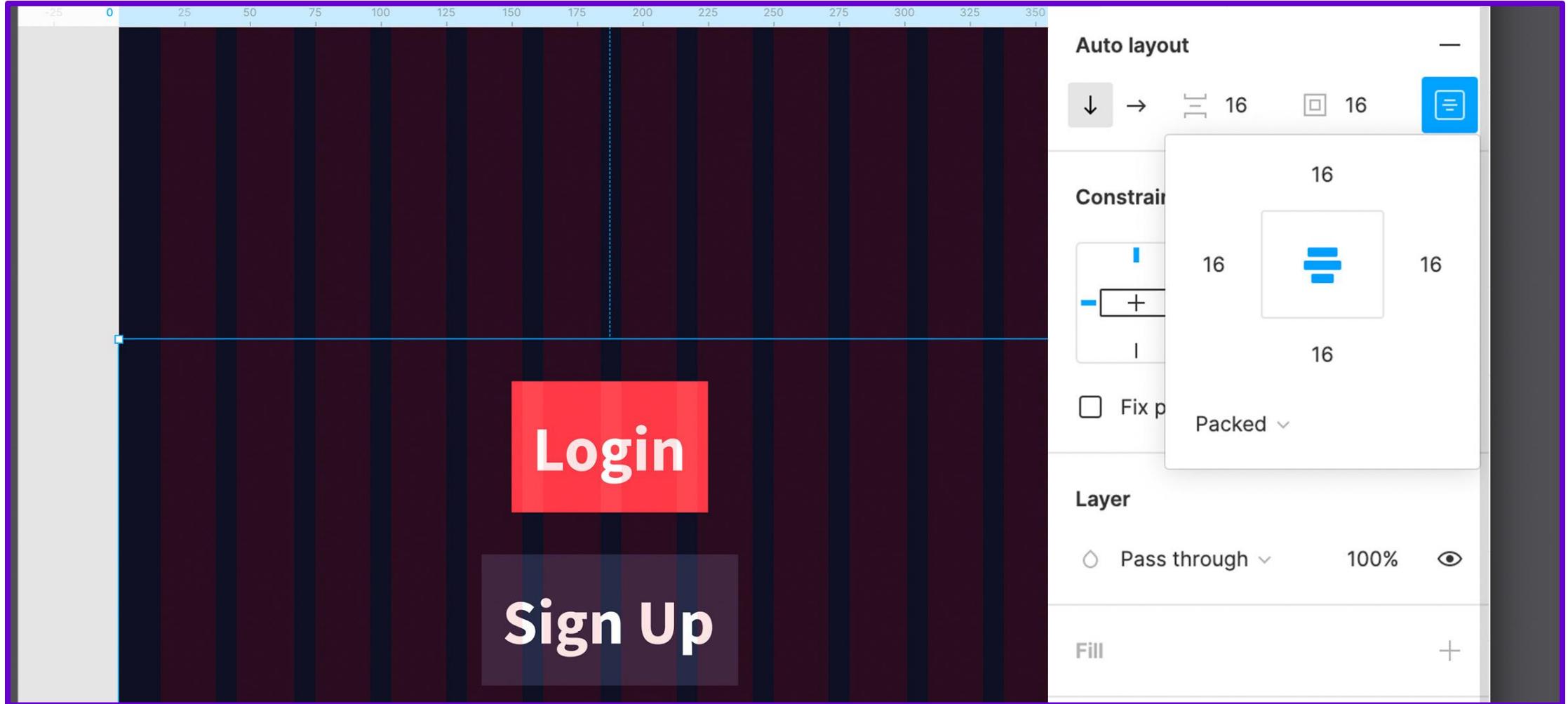
Completing the Login Page

Create Button Group



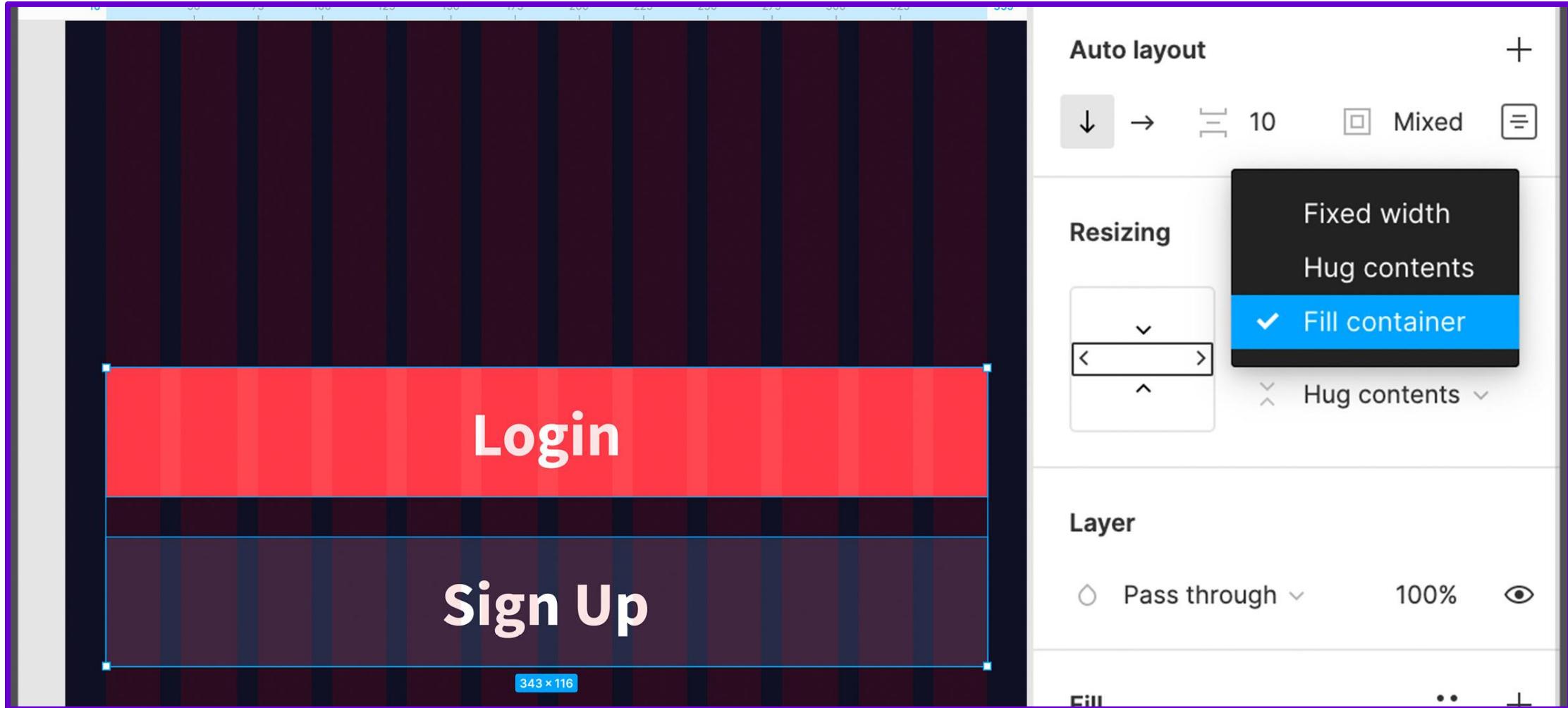
Completing the Login Page

Align Items in Button Group



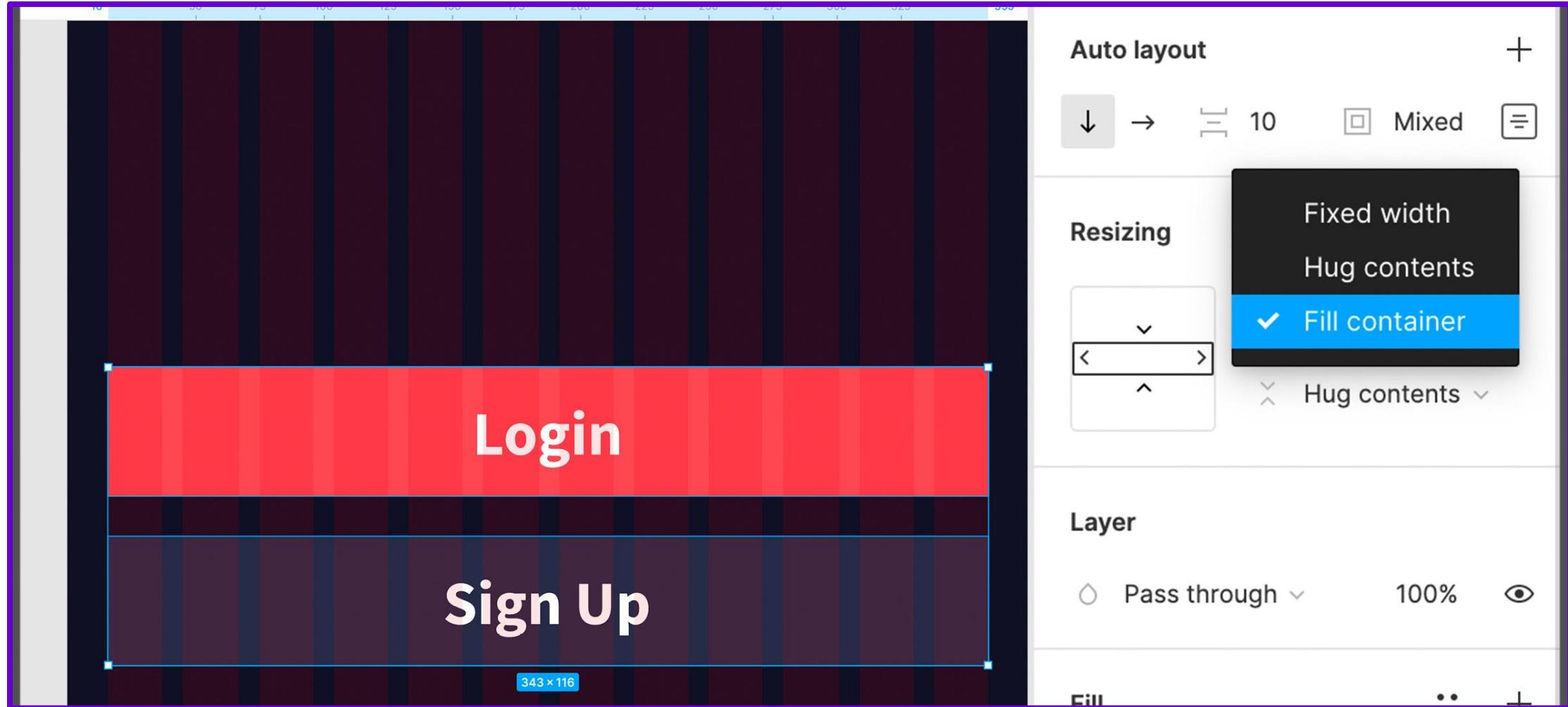
Completing the Login Page

Setting Size of Buttons in Group



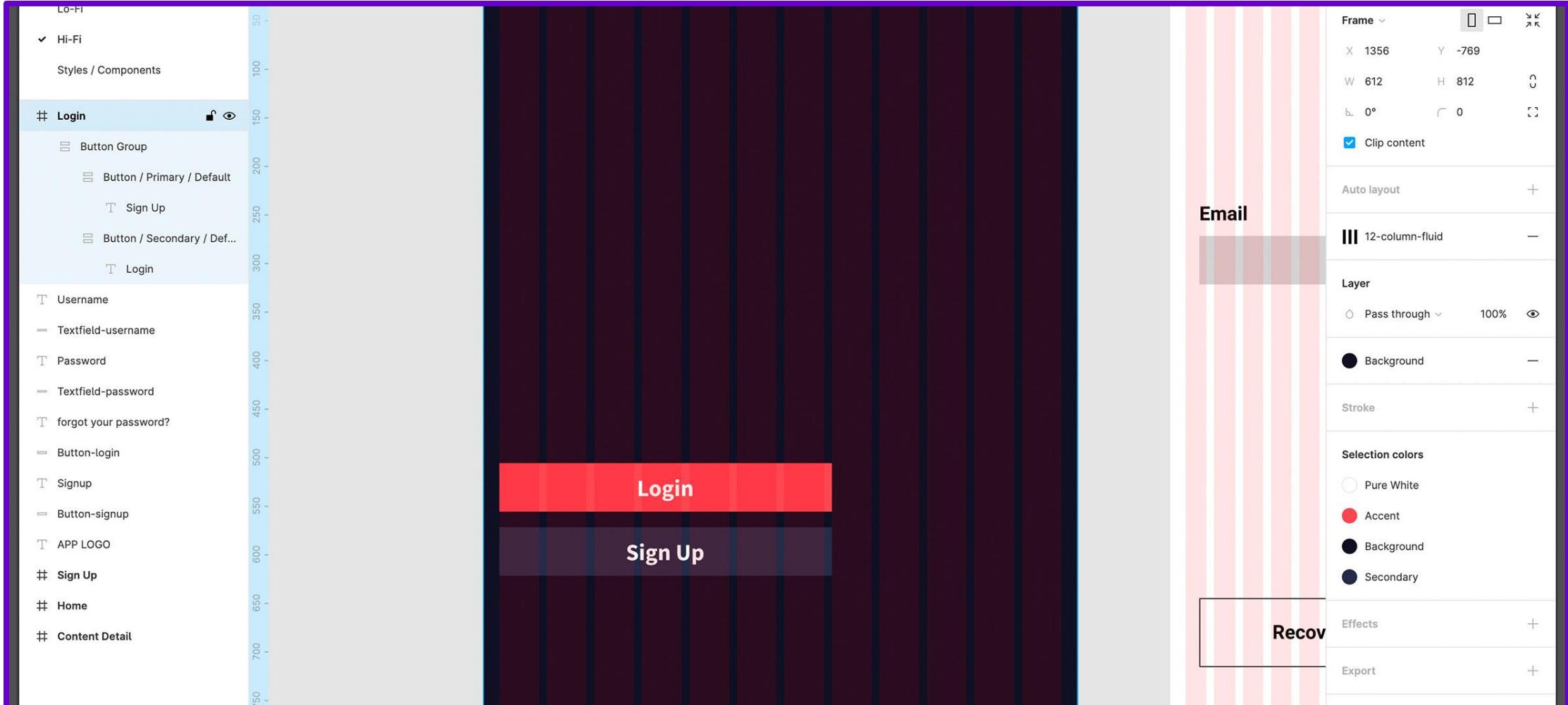
Completing the Login Page

Setting Size of Buttons in Group



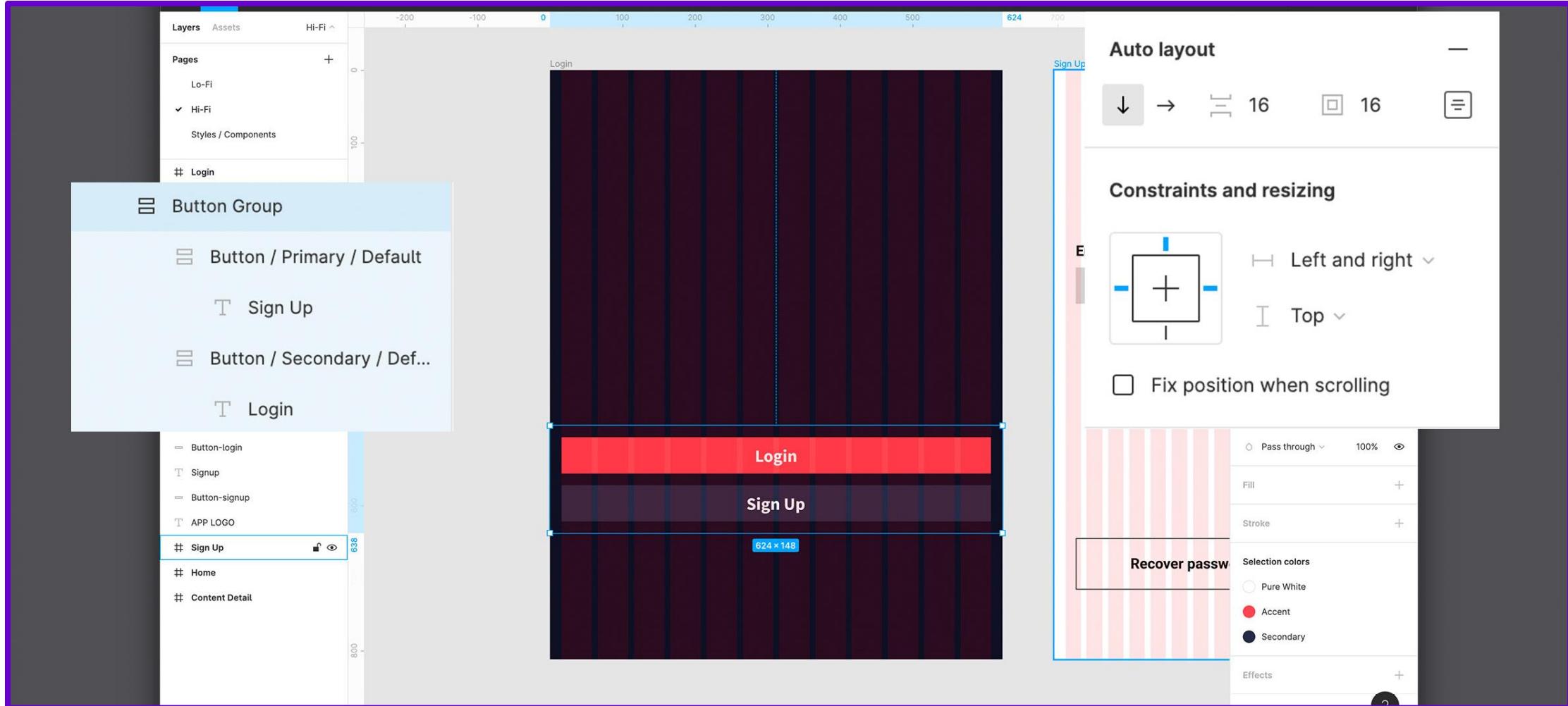
Completing the Login Page

Is it Responsive !?



Completing the Login Page

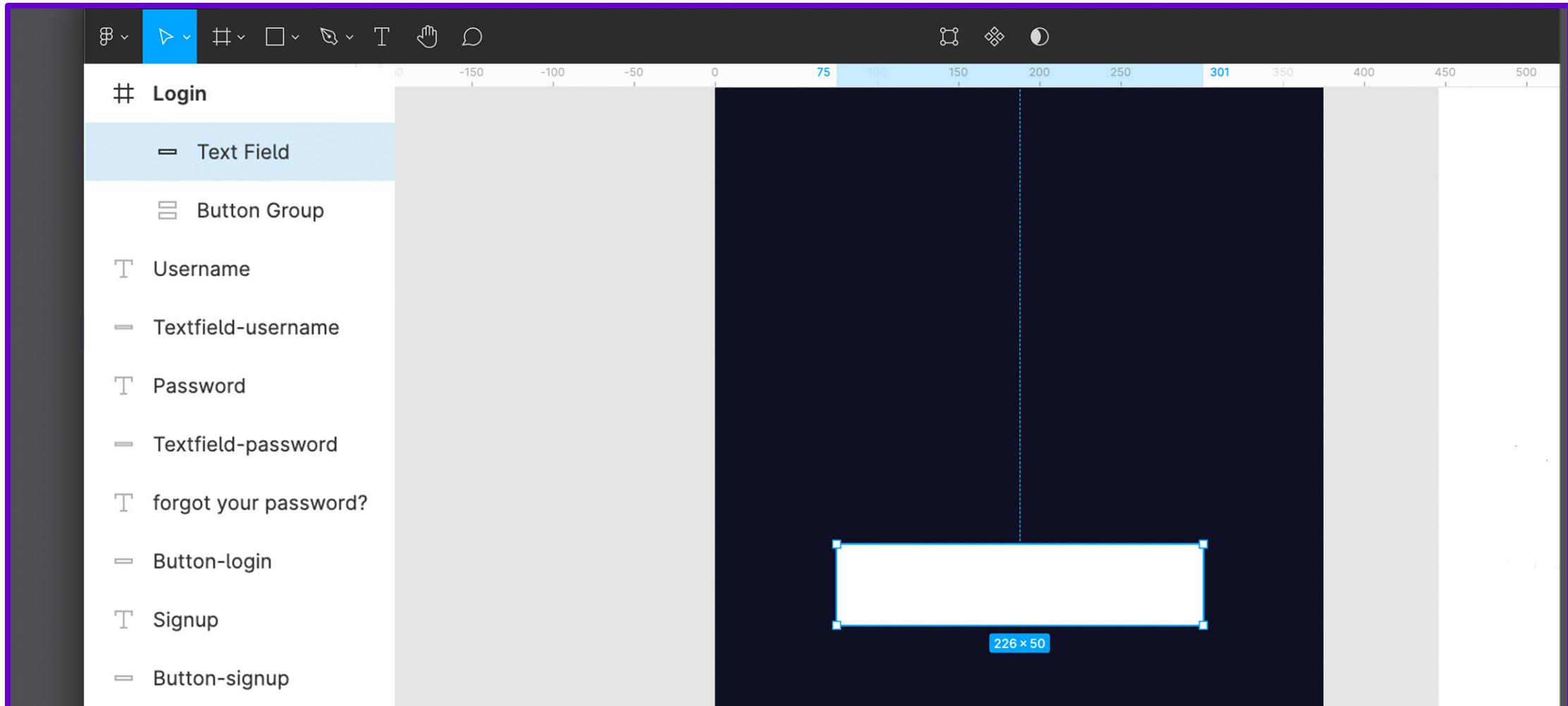
Make it Responsive



- 1 Working With Auto Layout
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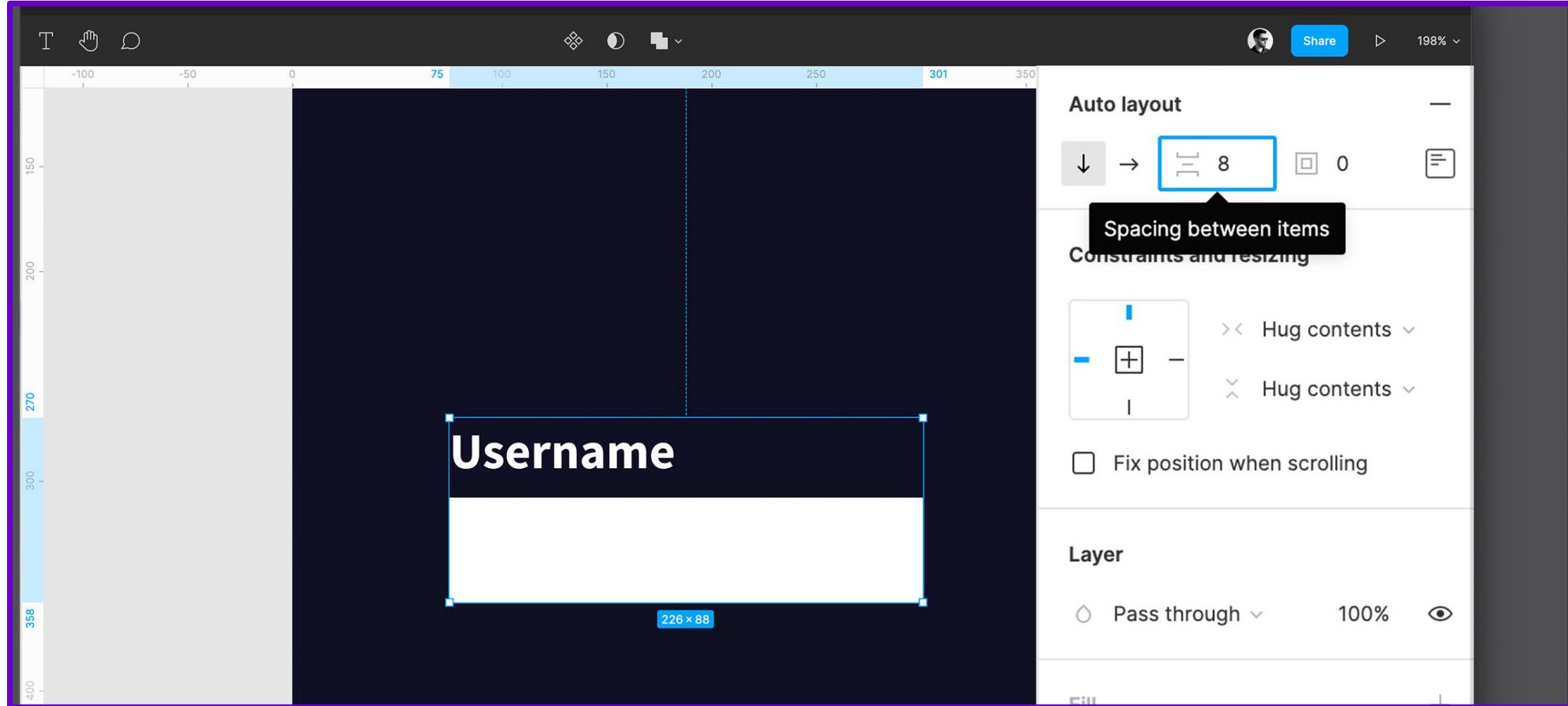
Completing the Login Page

Create a Text Field-Step 1



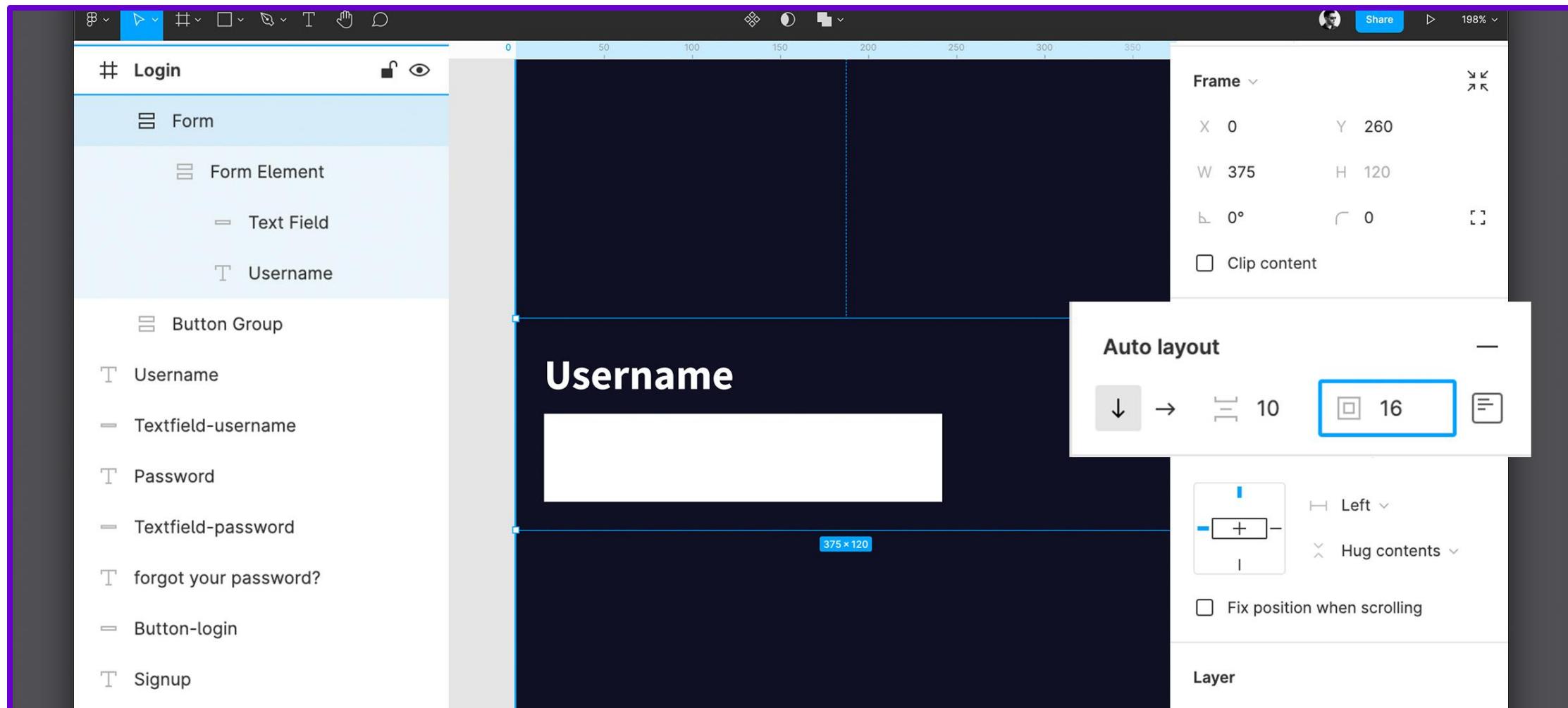
Completing the Login Page

Create a Text Field-Step 2



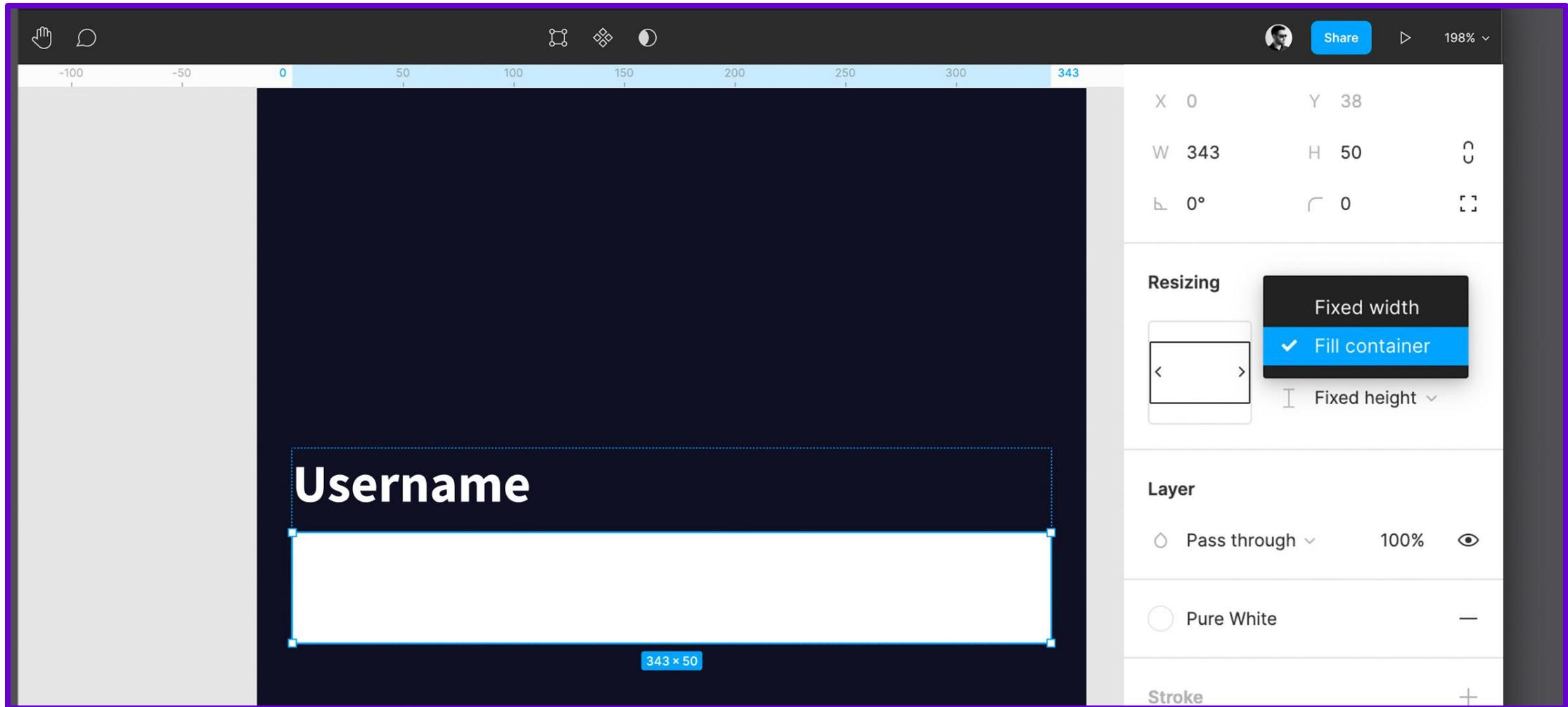
Completing the Login Page

Create From Element



Completing the Login Page

Applying Fill container to Form elements



Completing the Login Page

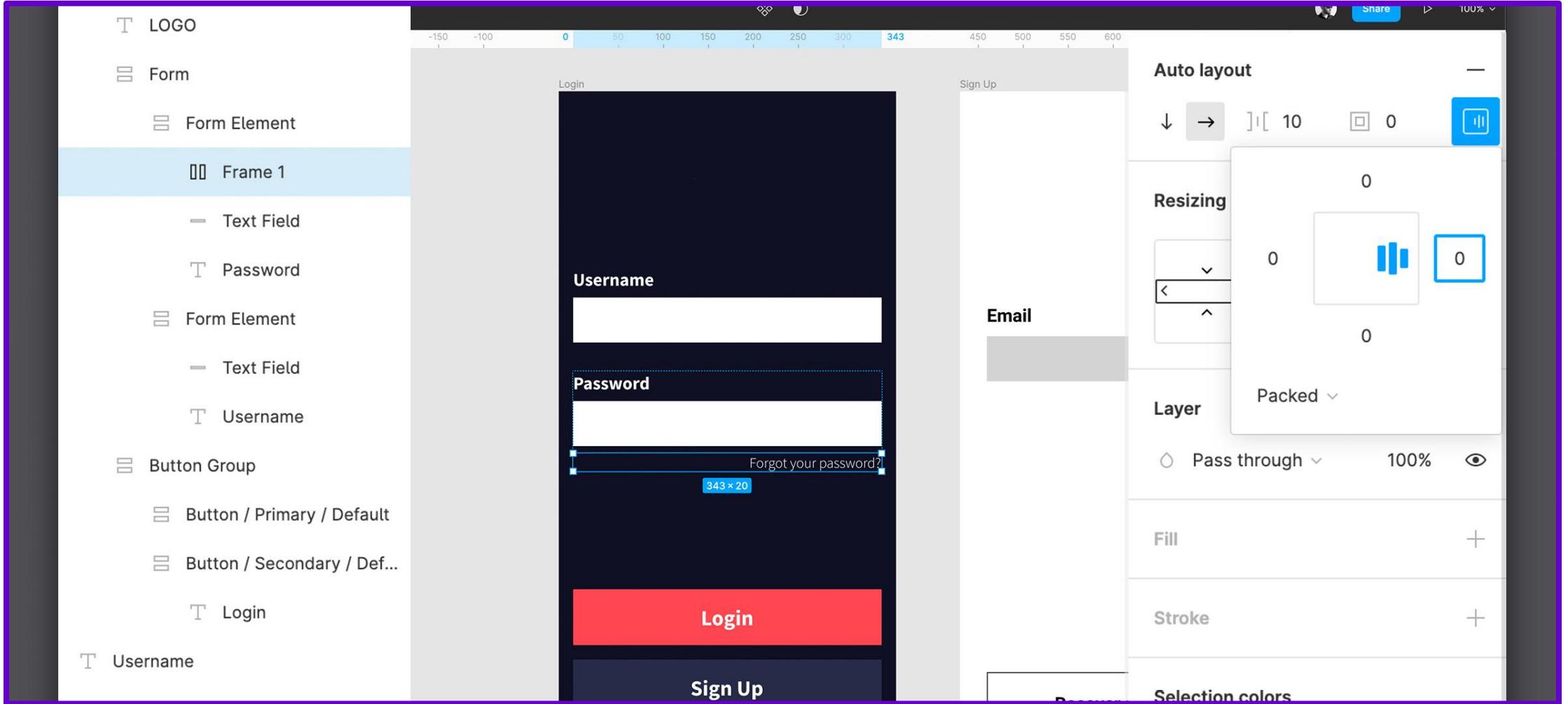
Adding Password Field

The sidebar on the left lists the following components:

- Form Element
 - Text Field
 - Password
- Form Element
 - Text Field
 - Username
- Button Group
 - Username
 - Textfield-username
 - Password
 - Textfield-password
 - forgot your password?
 - Button-login
 - Signup

Completing the Login Page

Adding Forget Password



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2

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4

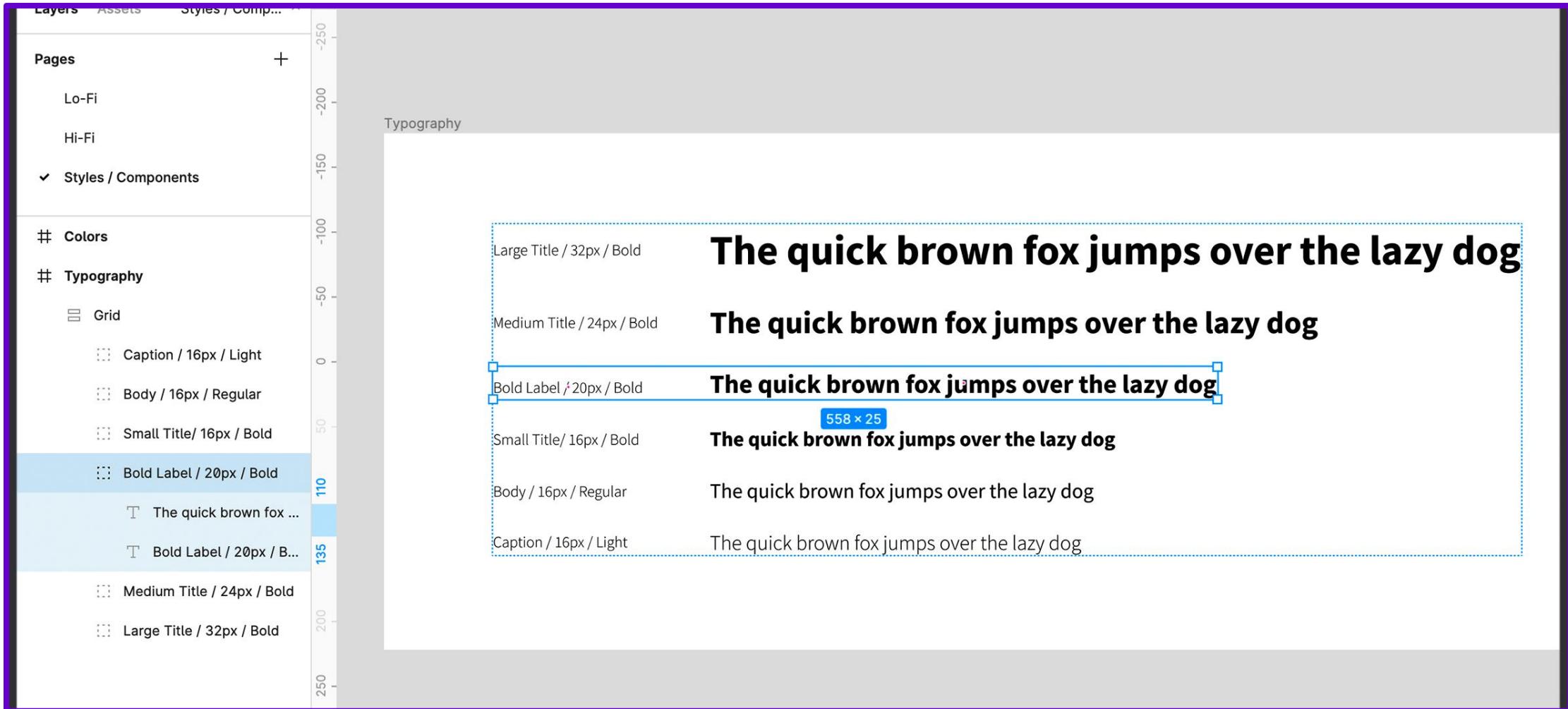
Creating a Text Field and a Input Form

5

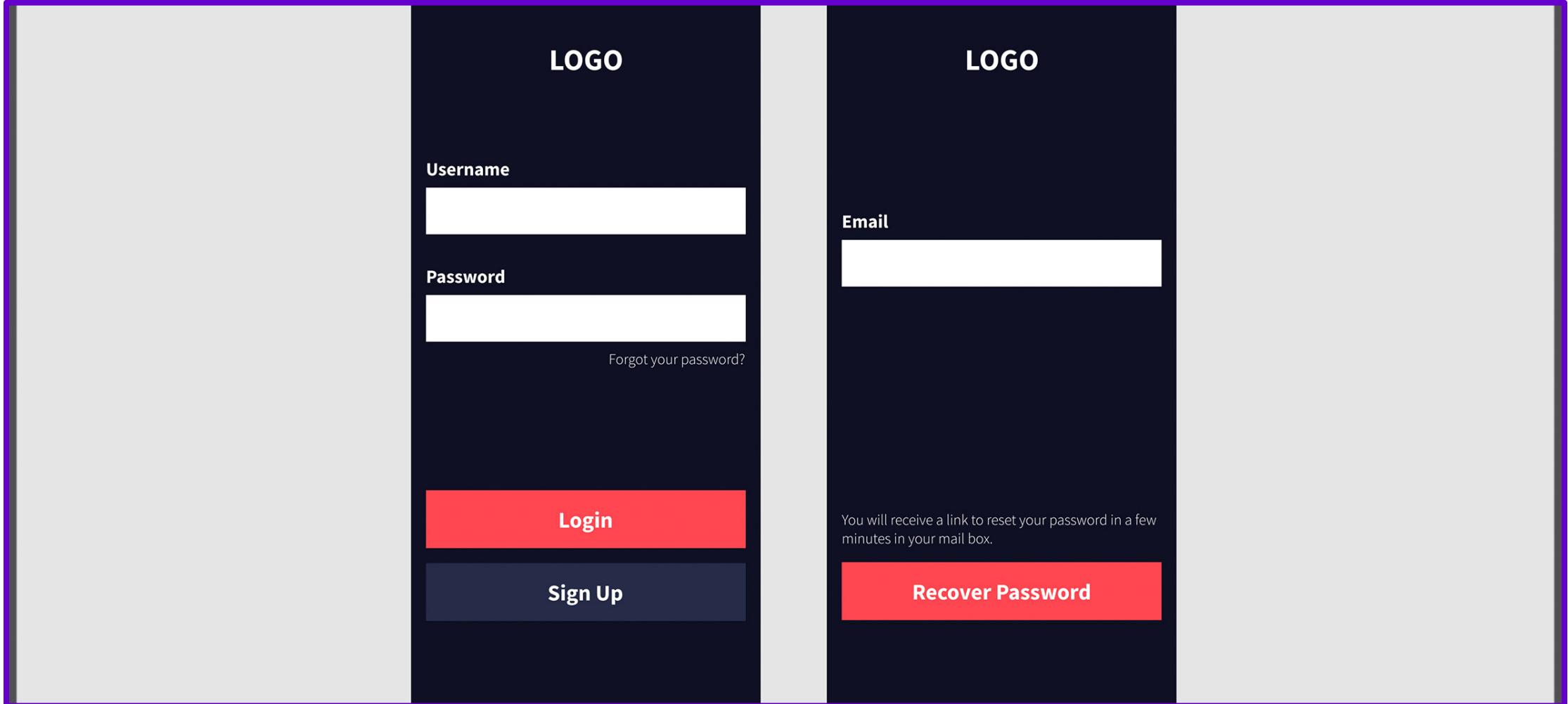
Polish and Complete Our Design

Completing the Login Page

Inserting a new text style



Password Recovery Page



Course References

- *Designing User Interfaces*, Michal Malewicz & Diana Malewice, 2020
- *UI Design Styles: Trends and Design Patterns*, Michal Malewicz & Diana Malewice, 2020
- *What UX Is Really About :Introducing a Mindset for Great Experiences*, Celia Hodent, CRC Press, 2022
- *Lean UX: Designing Great Products with Agile Teams 3rd Edition*, Jeff Gothelf & Josh Seiden, O'Reilly, 2021
- *Laws of UX: Using Psychology to Design Better Products & Services*, Jon Yablonski, O'Reilly, 2020
- *Designing and Prototyping Interfaces with Figma*, Fabio Staiano, Packet Publishing, 2022

Accessing Course Resource



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