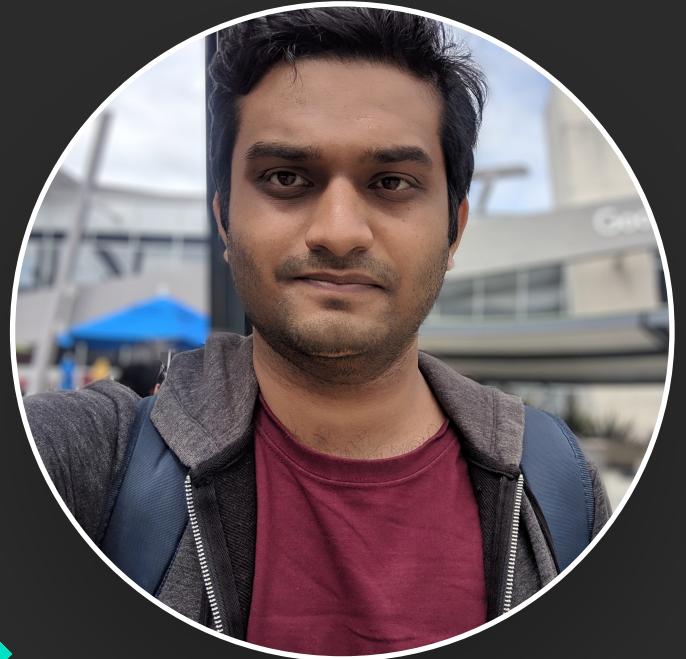


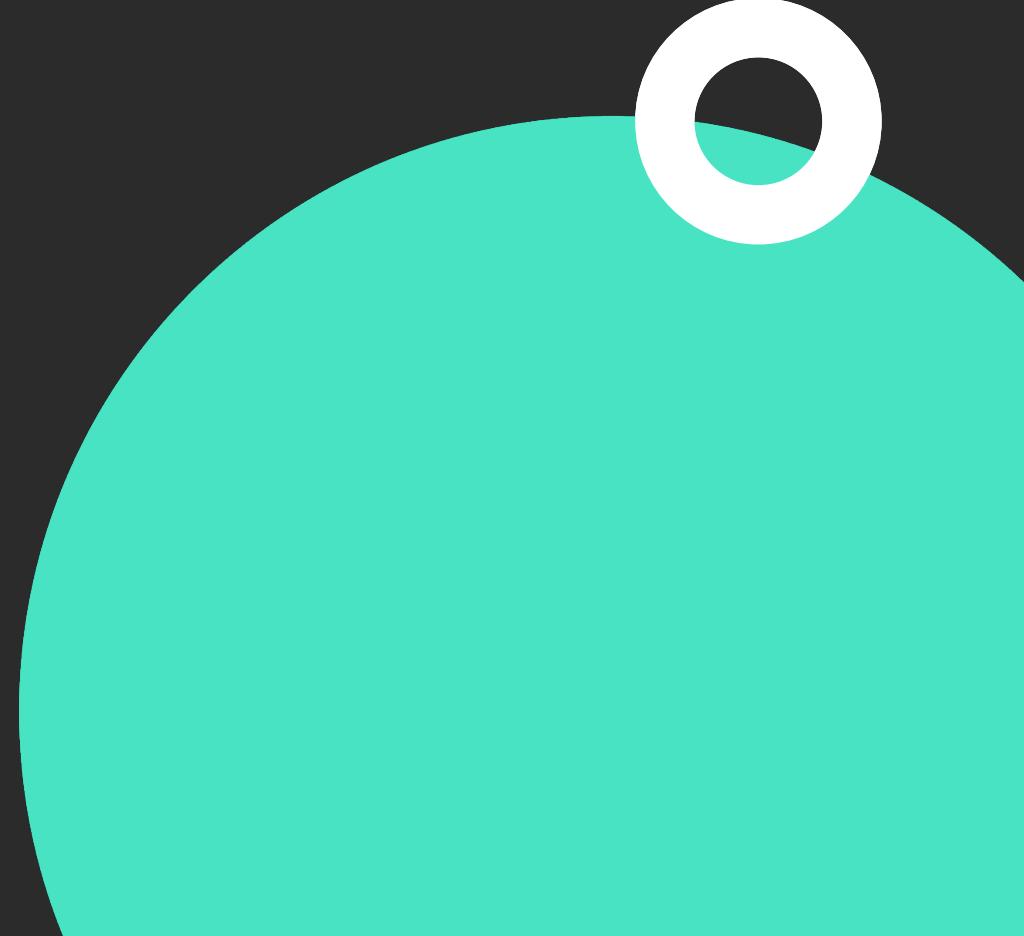
# Using Figma and Relay to Build an Android App with Jetpack Compose



Somasundaram M

 @msomuin

 in/msomu



# Course Overview

- Creating Components in **Figma**
- Installing **Relay Plugin** in Figma
- Exporting Figma Components into **UI Package** with Relay
- Exploring the **Starter Project**
- Installing and Configuring Relay Plugin in Android Studio
- Importing UI Package from Figma into Android Studio
- Integrating Figma Designs with Android Compose Components



# Prerequisites

- Experience with Kotlin programming language
  - Proficiency in higher-order functions and lambda expressions
- Basic understanding of Jetpack Compose
  - Familiarity with Compose layouts, components and modifiers.
- Basic idea of designing in Figma.



# Reasons why a tool like Relay is needed

- Manual and error-prone handoff process
- Different vocabularies and thinking
- Increasing UI complexity
- Quality improvement





# Course Demo App

🔑 Gate Key

- Build GateKey App with Figma
  - We will be designing each components of the app in Figma.
  - Export them as UI Packages
  - Import them inside Android Studio as Compose Components
  - Use them on the Compose Screens.

Hello!  
Sign in

Please fill your informations

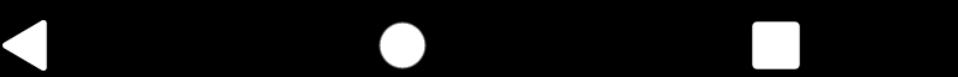
account@gmail.com

password

I agree to the Terms and conditions

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# Creating your first Component in Figma

Up Next





# Exporting the Component as UI Packages





# Importing your first Figma component into Android Studio

Up Next

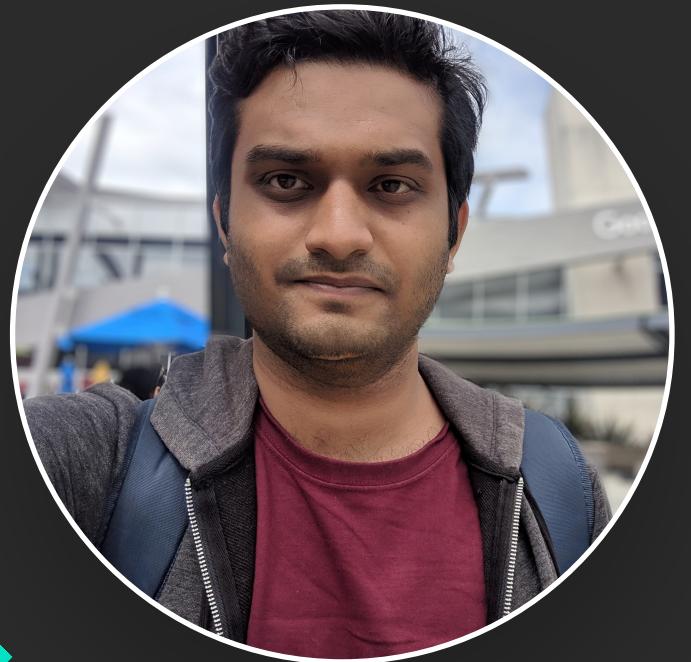


# Summary

- We learnt about Material design Color Palettes
- Created our first Figma component
- Exported it from Figma using Relay plugin
- Connected our Android studio and Figma
- Imported the component in Android Studio
- Used the component with our code



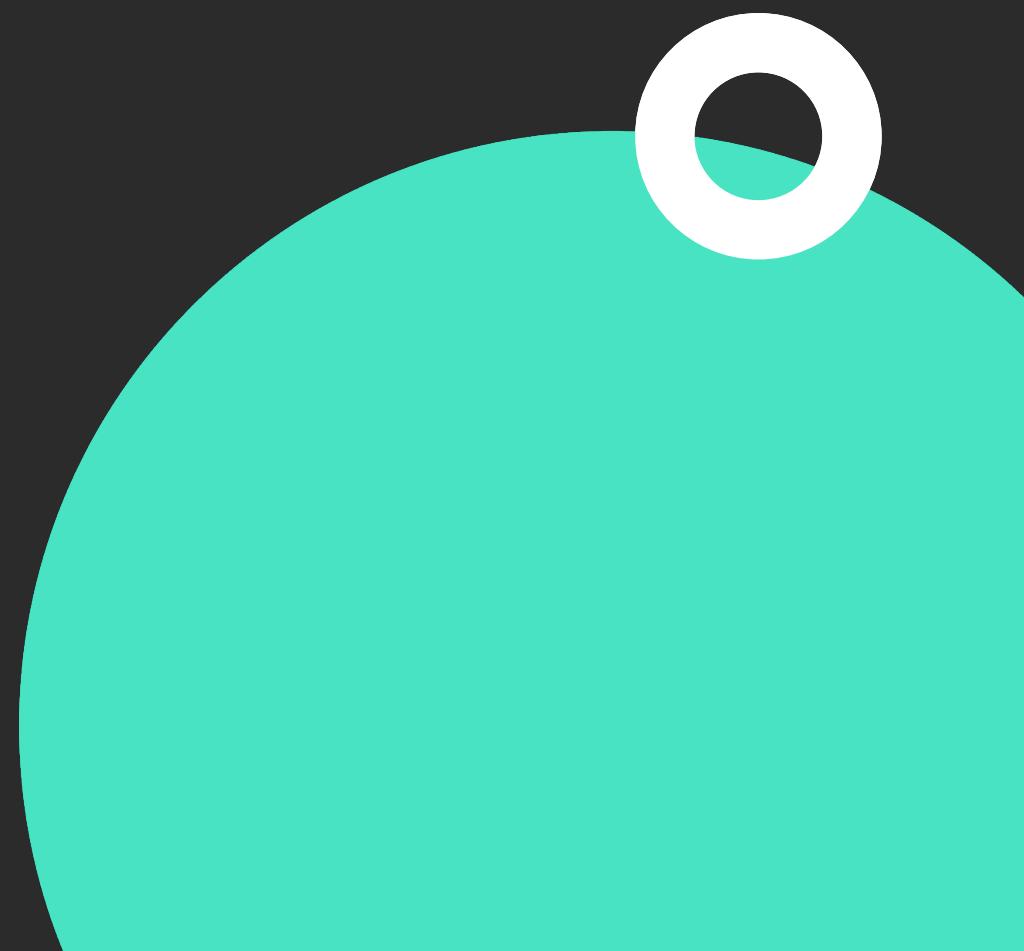
# Figma Component Updates and Using Native Compose UI with Relay



Somasundaram M

 @msomuin

 in/msomu



# Recap

- Creating Components in **Figma**
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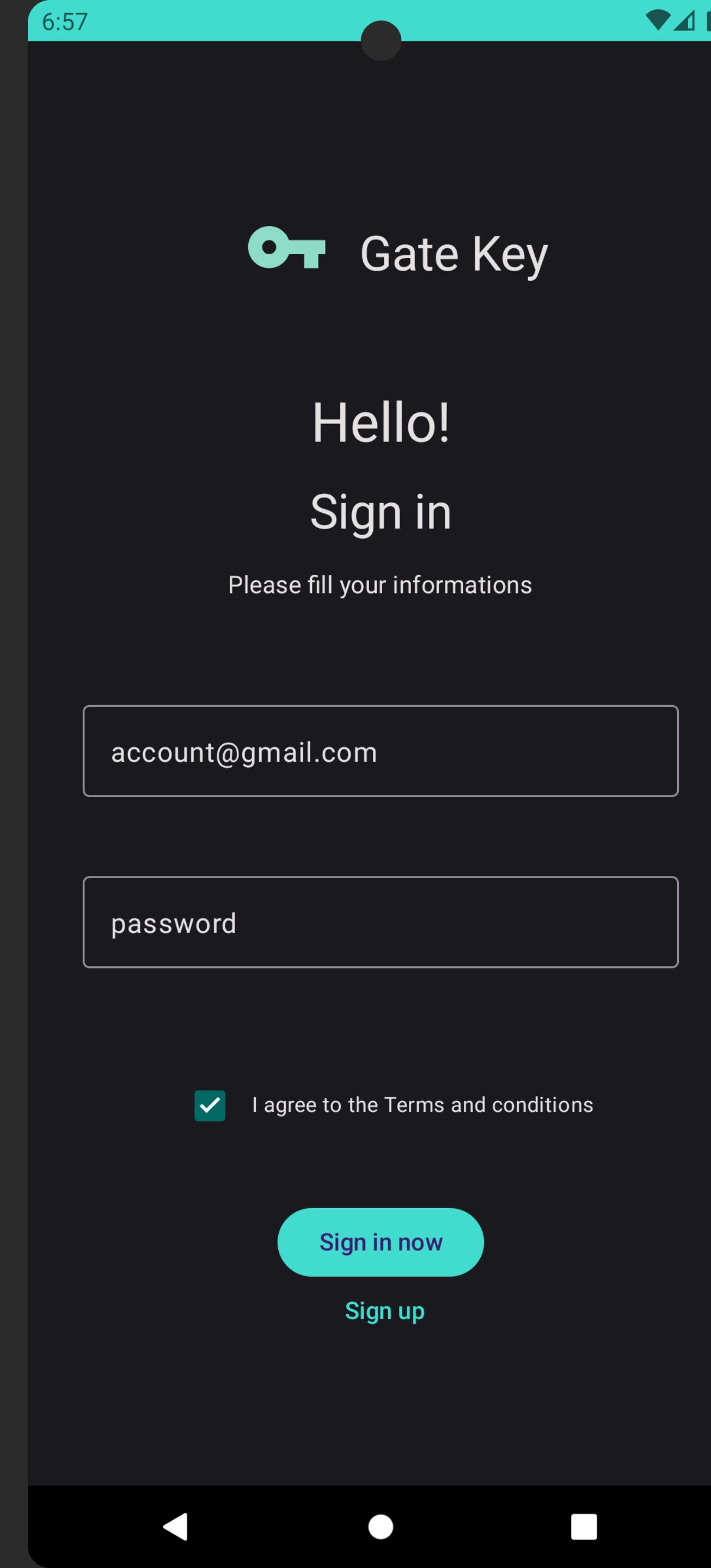
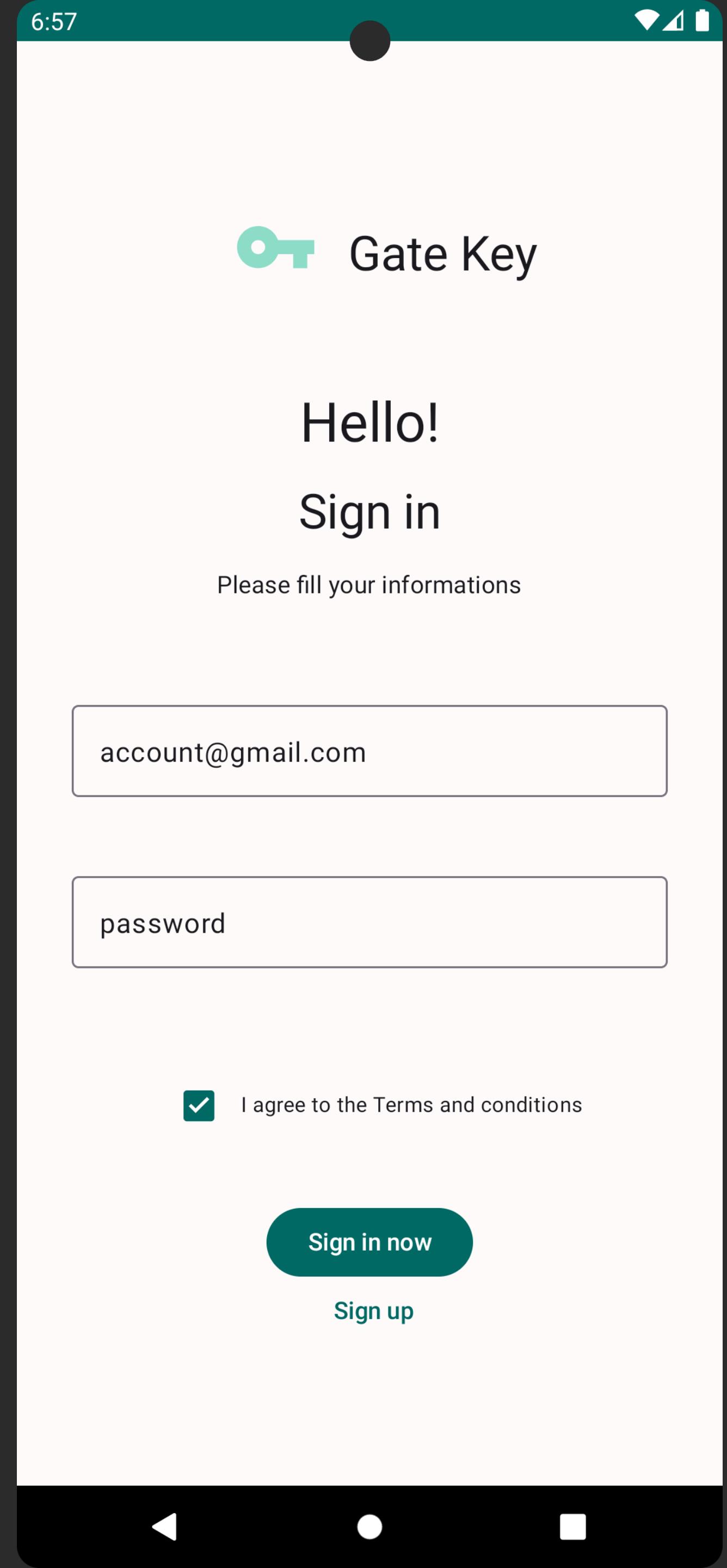


# Course Overview

- Adding Properties for a Figma Component
- Updating Existing Component in Android Studio
- Limitations of Components created from Figma
- Mapping to Native Child Component
- Implementing Native Compose Component
- Handling Dark Mode Colors
- Using Helper Files for Style Mapping



# Course Demo App



# Summary

- Update imported Components
- Native components inside Figma Relay
- Map Figma styles to Compose Material Styles

