

Flutter Study Jam



Anna Labellarte

@anna_labe



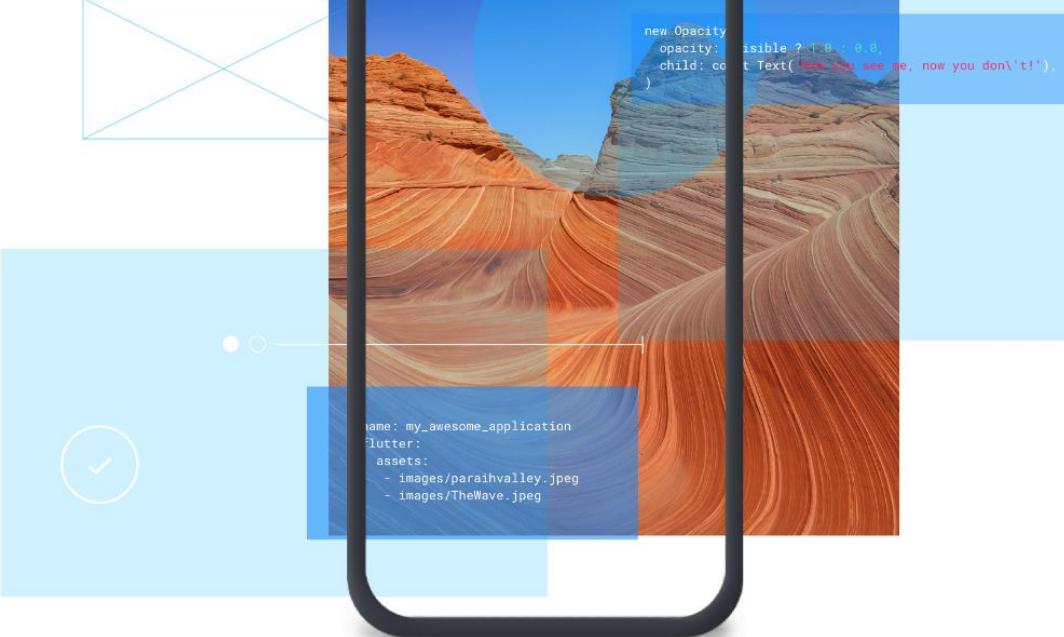
Paolo Rotolo

@paolorotolo



Andrea Lops

@lopsandrea



Prossimi incontri

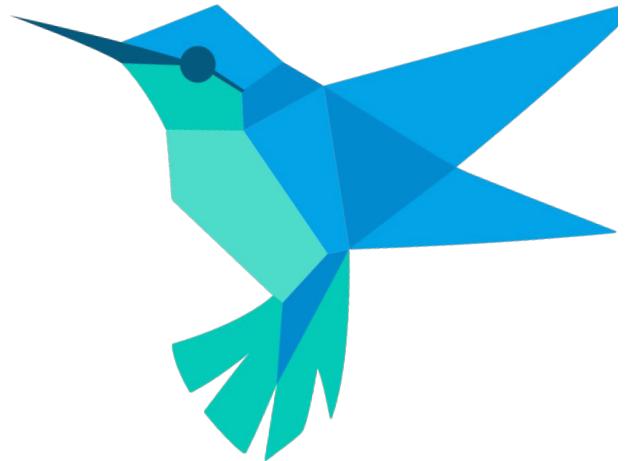
Study Jam

- Lunedì 19 Novembre
- Mercoledì 21 Novembre
- **Lunedì 26 Novembre**
- Mercoledì 28 Novembre

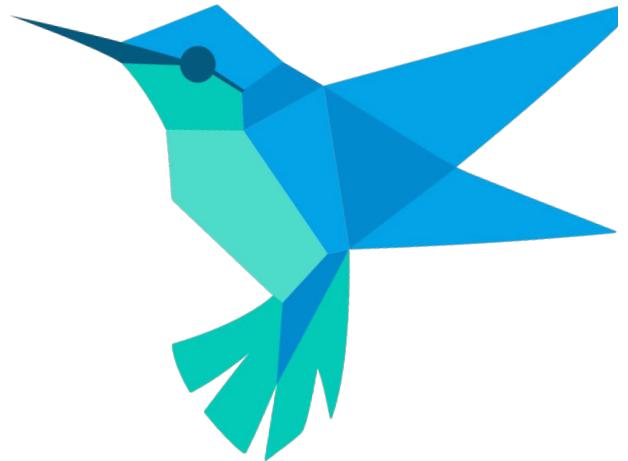
Consegna attestati - Watch Party Flutter Live

- **Martedì 4 Dicembre - 17:00**

CHALLENGE:
Build a custom
Layout

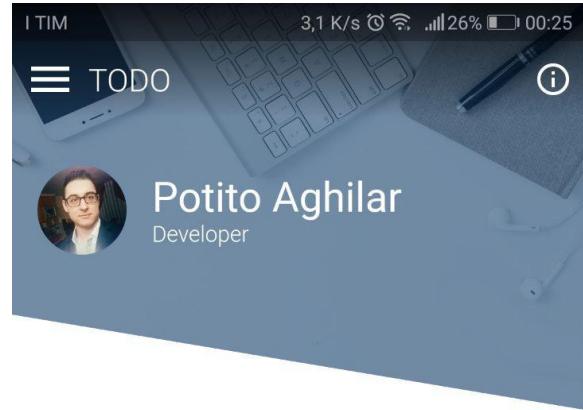
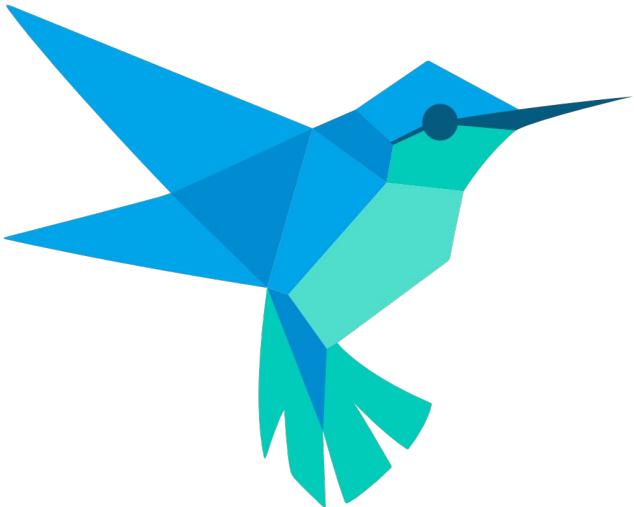


CHALLENGE:
Build a custom
Layout



ModernUI TODO

Potito Aghilar



My tasks

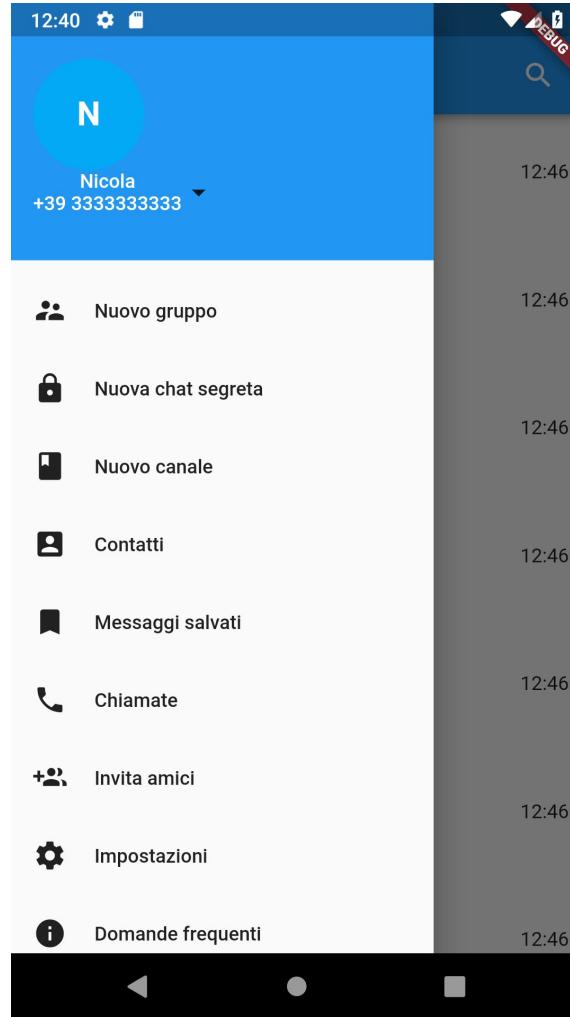
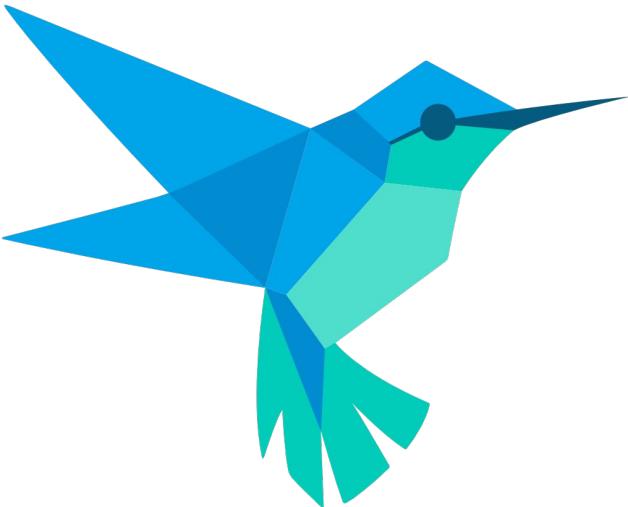
Monday 26-11-2018

- | | | |
|---|-------------------------------|--------|
| ● | Wake up
Main List | 7.00am |
| ● | Take a coffee
Main List | 7.05am |
| ● | Go to university
Main List | 8.00am |
| ● | Try to understand the prof | 9.00am |



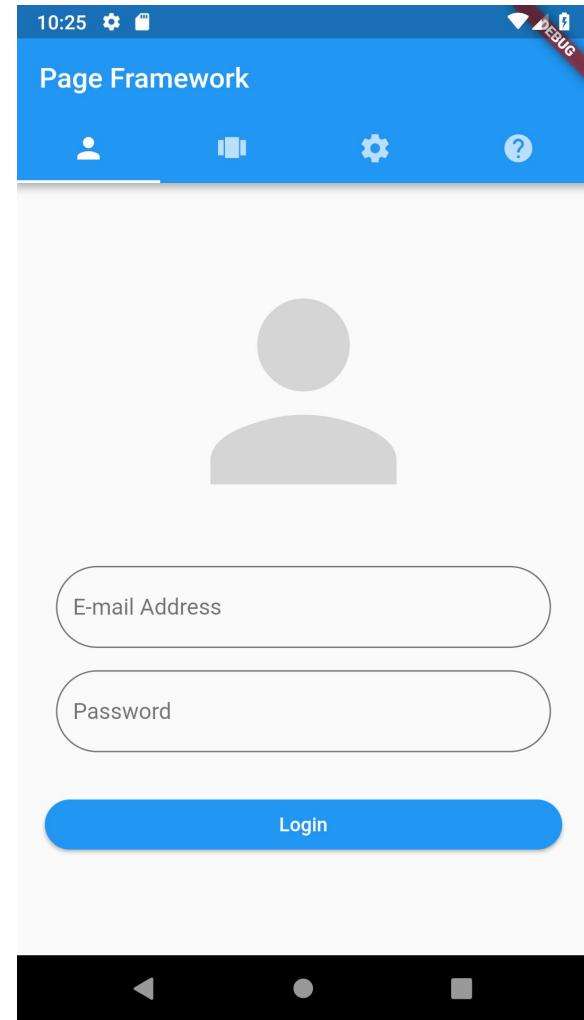
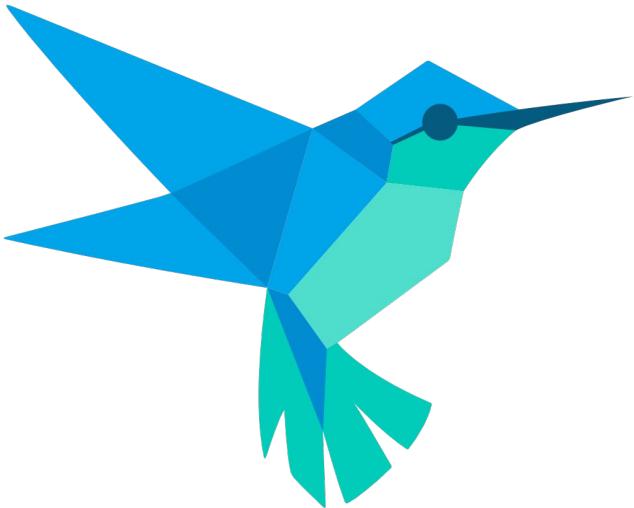
Telegram

Nicola Longo



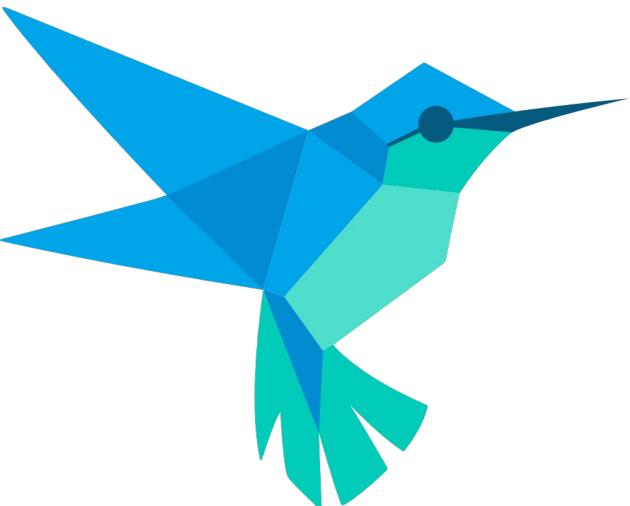
Page Framework

Riccardo Sormani



Gmail Clone

Michele Abruzzese



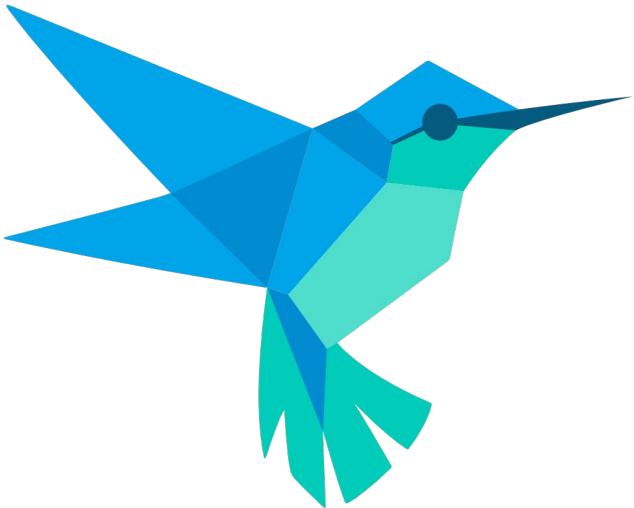
04:21:49

Posta in arrivo

	michezio	oggi
	Flutter - Gmail UI Clone	
	Flutter Study Jam 2018	
	GDG Bari	25 nov
	Domani: unisciti a 45 Membri per il Meetup "Flutte...	
	domani Flutter Study Jam - App multipiattaforma in ...	
	Mercatino Musicale	21 nov
	Non perderti l'occasione! Speciale Black Friday	
	fino al 26 novembre!Se non leggi correttamente ...	
	Segreteria Studenti	16 nov
	Pubblicazione Voto Appello	
	Le comunichiamo che l'esito della prova d'esame ...	
	Poste Italiane S.p.A	11 nov
	[SPAM] Convocazione urgente per rinnovo PostePay	
	Gentile Cliente, La informiamo che la sua carta sta p...	
	Godurioso - Mozzarelle & Co.	5 nov
	Annullamento spedizione	
	a causa di un malinteso, annulliamo la spedizione a ...	
	Segreteria Studenti	26 ott
	Pubblicazione Voto Appello	
	Le comunichiamo che l'esito della prova d'esame ...	
	assistenza@paypal.it	4 ott
	Ricevuta del tuo pagamento a Società a Caso S.p...	
	4 ott 2018 22:17:11 CET Codice transazione ...	

Galactigram

Sara Galasso



23:04



Galactigram



Storie

▶ Guarda tutte



Elon Musk



Piace a uno, nessuno e centomila



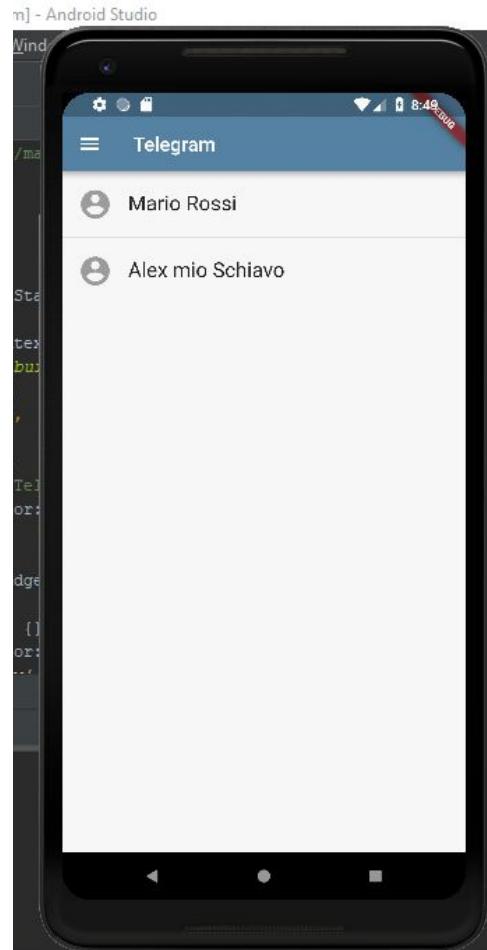
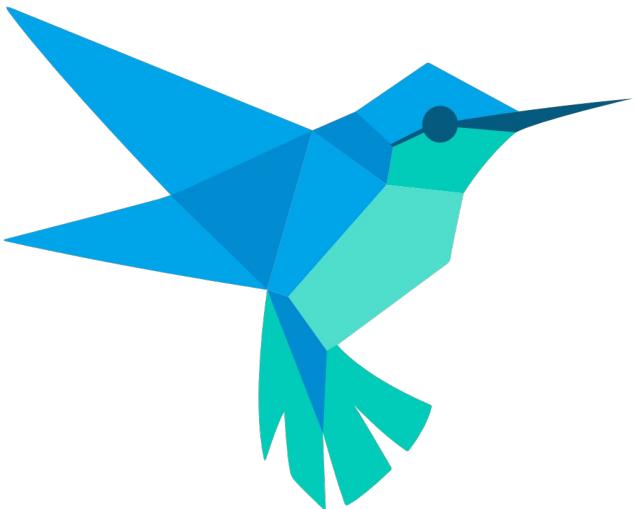
Guai se commenti ...

C'era una volta



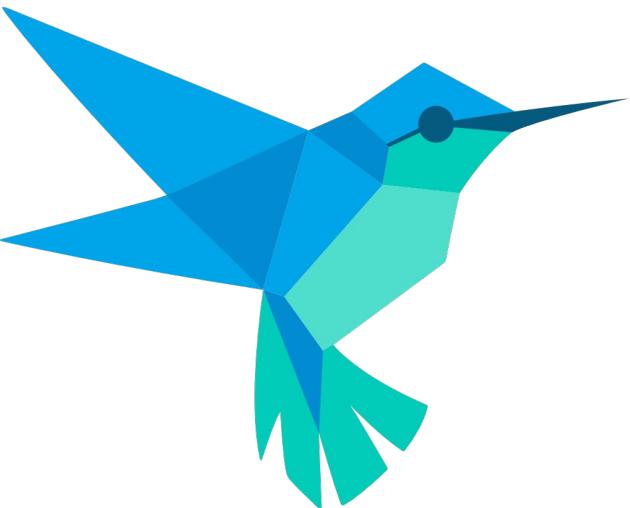
Telegram

Giulio Davide Carparelli



FlutTube

Giuseppe Delledera



69% 16:23

FlutTube

Introducing Flutter

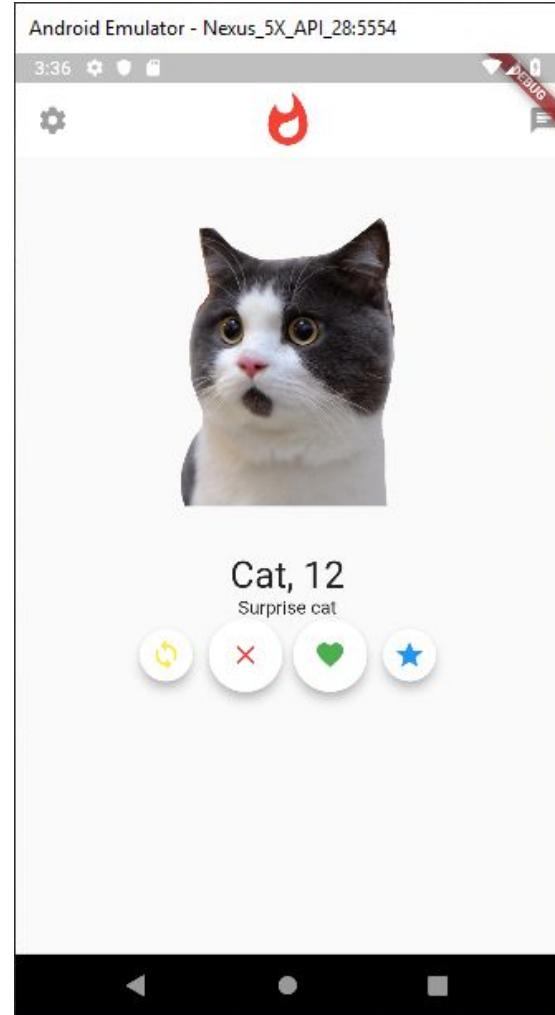
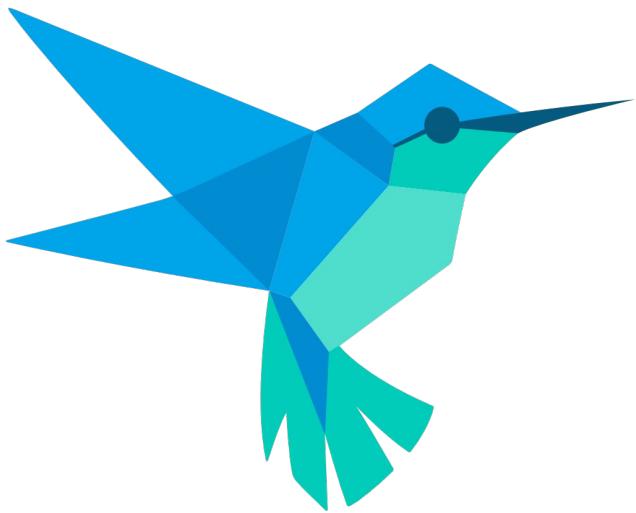
GDG Bari - Flutter Study Jam

G.Delledera · 1M visualizzazioni
1 giorno fa

Home Tendenze Iscrizioni Posta in ... Raccolta

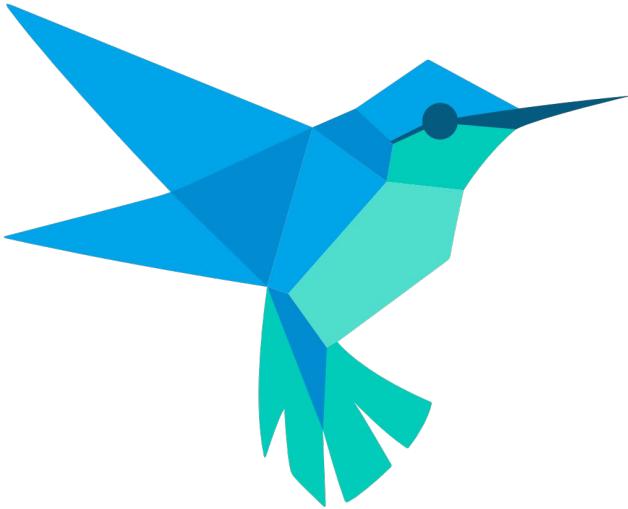
Tinder4cats

Giuseppe Salinaro

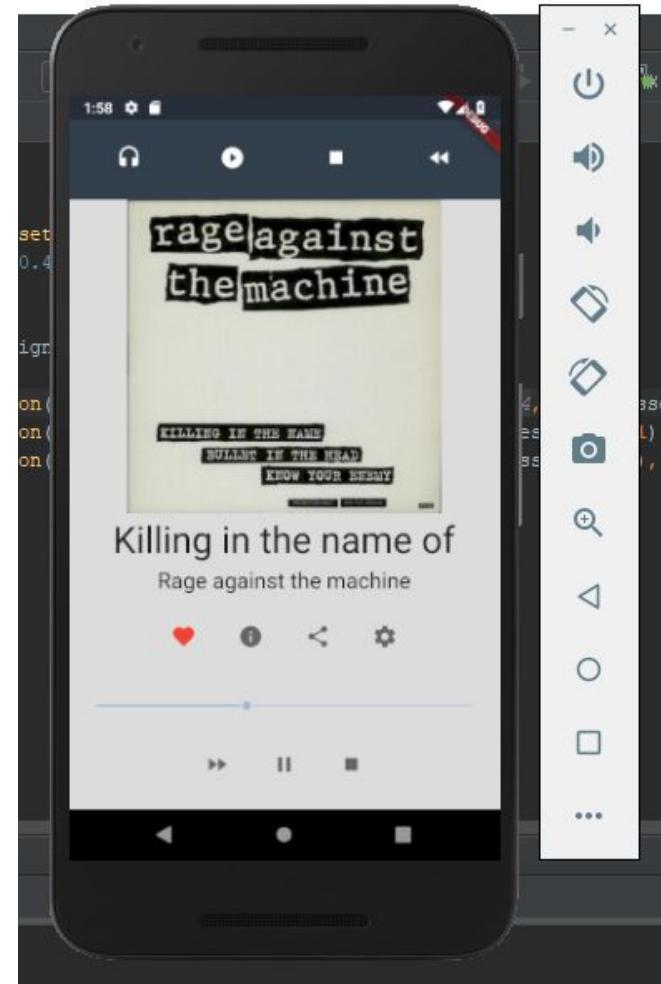


Musicolet

Paolo Fumarola

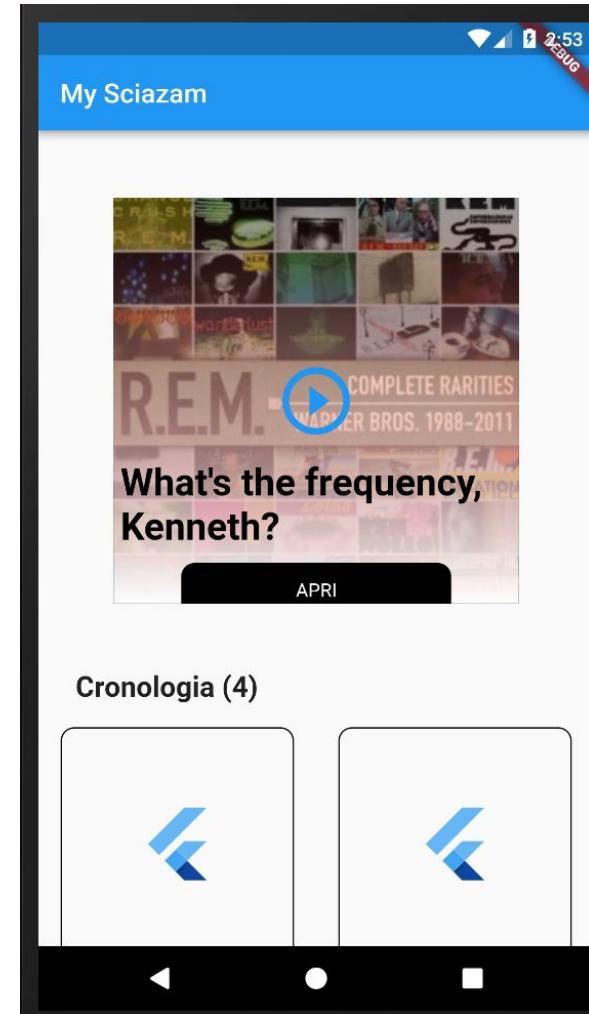


roid Studio



My Sciazam

Alessandro Romano



MineGag

Maurizio Triggiani



11:56 🔍 🌐

Mine Gag

Hot girls get murdered by serial killer

Naked hot girls get murdered by serial killer

9GAG.COM/GAG/5778462

Image Code: 1695

40 2 409

Conta pure sul mio arco!

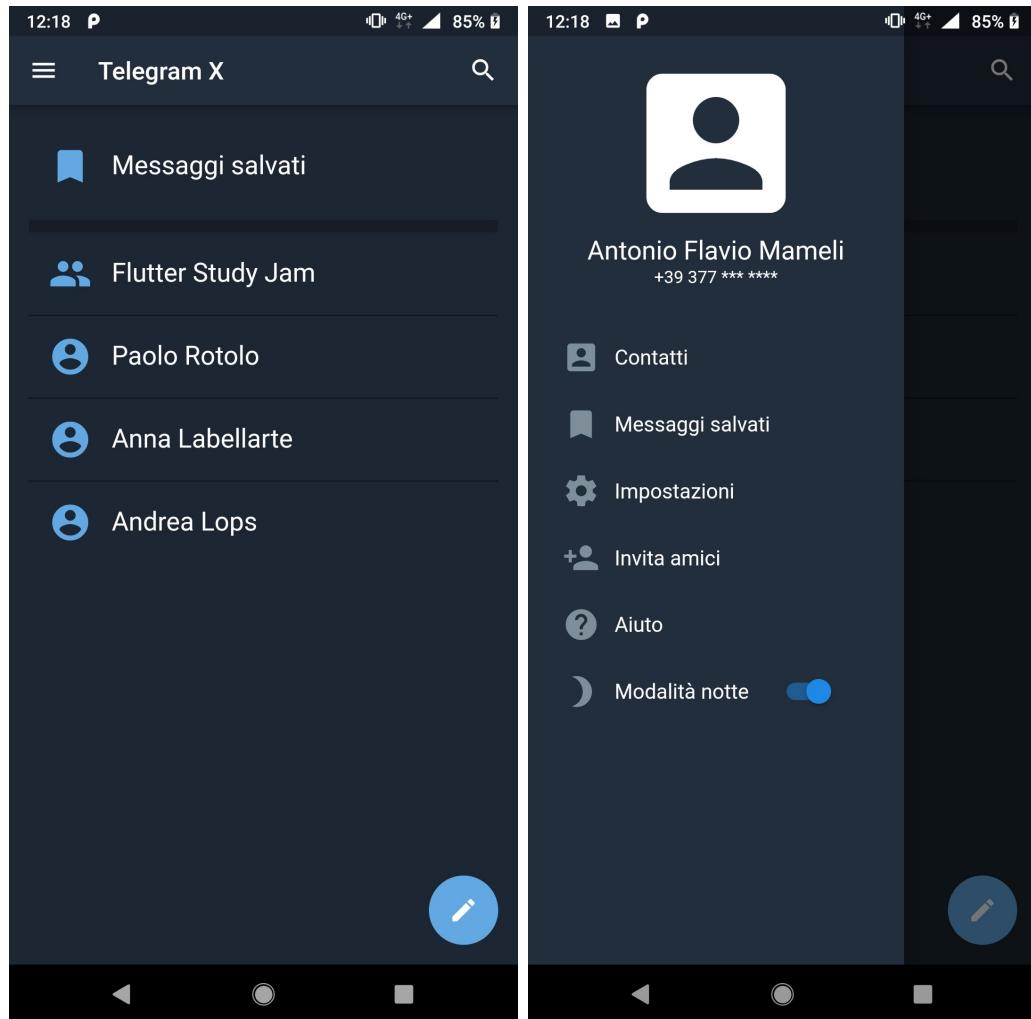
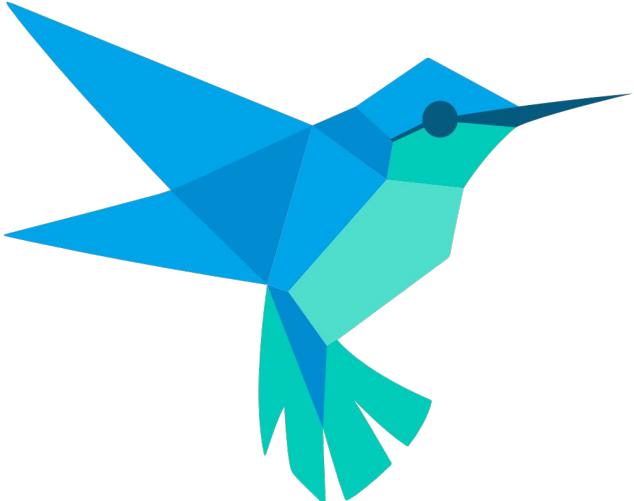
E sulla mia spada.

E sulla mia ascia.

E sulla mia croce!

Telegram X

Antonio Flavio Mameli



The image displays two side-by-side screenshots of the Telegram X mobile application. The left screenshot shows the main navigation menu with options: "Messaggi salvati", "Flutter Study Jam", "Paolo Rotolo", "Anna Labellarte", and "Andrea Lops". The right screenshot shows the user profile screen for "Antonio Flavio Mameli", displaying a placeholder profile picture, the name, a phone number starting with +39, and a list of settings: "Contatti", "Messaggi salvati", "Impostazioni", "Invita amici", "Aiuto", and "Modalità notte" (Night mode) which is currently enabled. Both screens show a dark theme with light-colored text and icons.

12:18 P 4G+ 85% 12:18 P 4G+ 85%

Telegram X

Messaggi salvati

Flutter Study Jam

Paolo Rotolo

Anna Labellarte

Andrea Lops

Antonio Flavio Mameli
+39 377 *** ****

Contatti

Messaggi salvati

Impostazioni

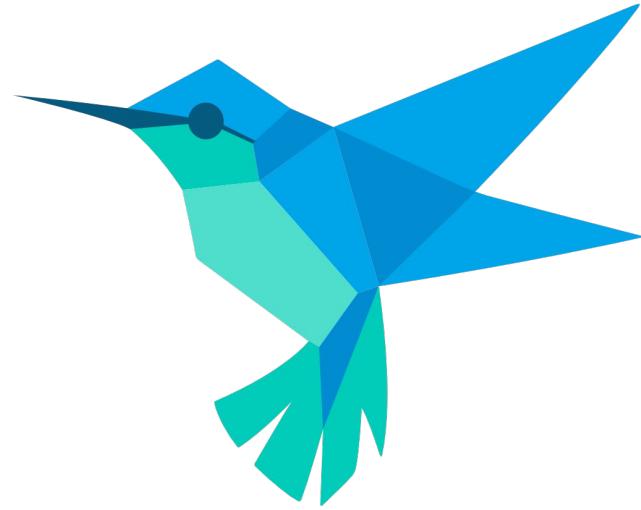
Invita amici

Aiuto

Modalità notte

THE CHALLENGE

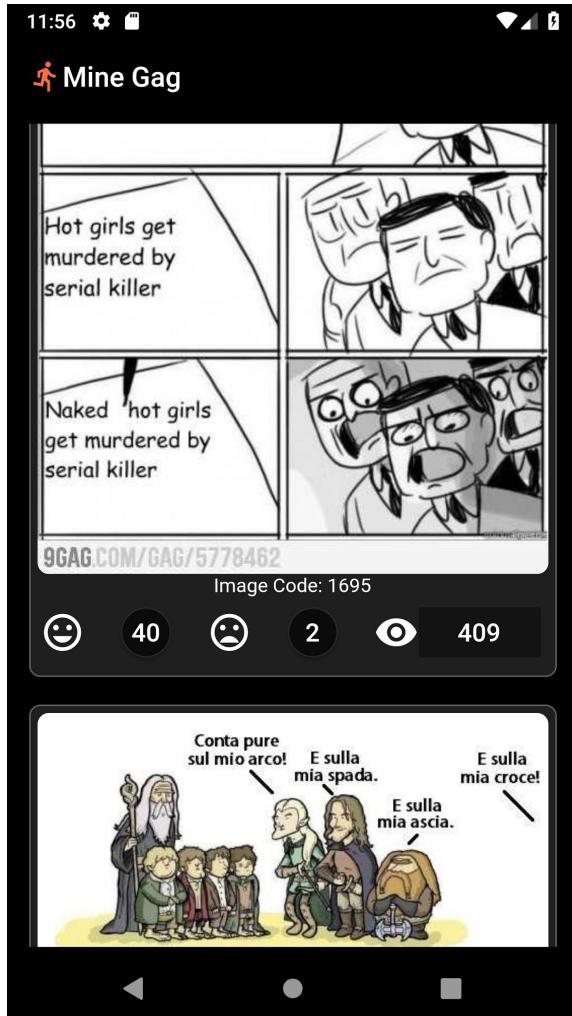
Premiazione



MineGag

Maurizio Triggiani

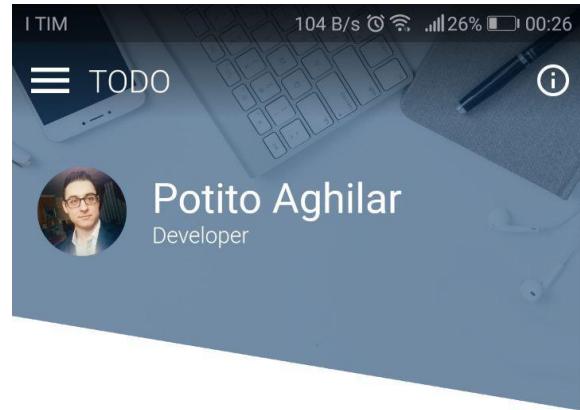
4° posto



ModernUI TODO

Potito Aghilar

3° posto



My tasks

Monday 26-11-2018

Wake up
Main List

7.00am

Take a coffee
Main List

7.05am

Go to university
Main List

8.00am

Made with ❤️ with Flutter.
Special thanks to GDG-Bari!



Galactigram

Sara Galasso

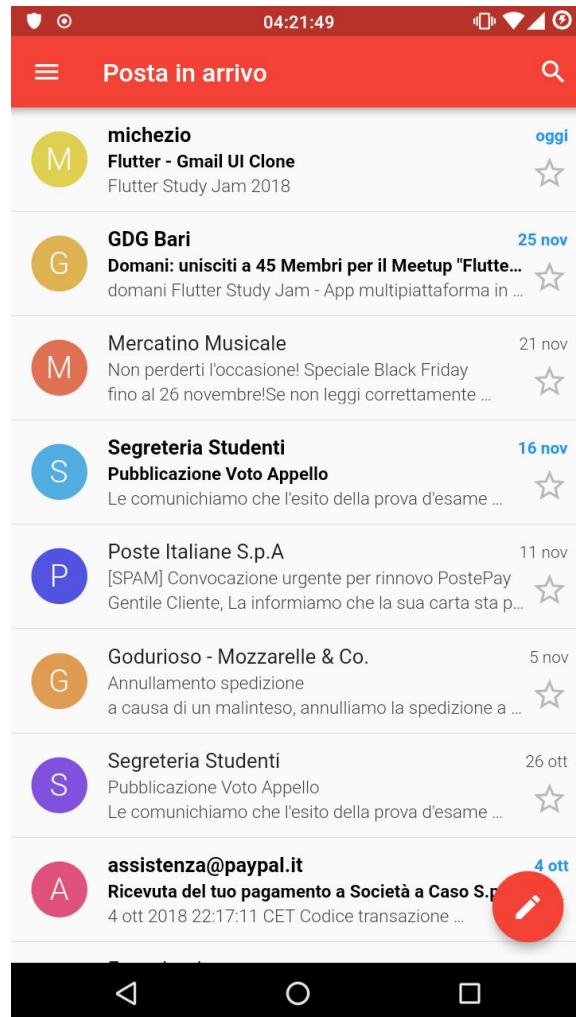
2° posto

The screenshot shows the Galactigram app's user interface. At the top, there are notification icons and the time '23:04'. The header 'Galactigram' is displayed with a camera icon and a right-pointing arrow. Below the header, there are two buttons: 'Storie' and '▶ Guarda tutte'. A blue '+' button is located above a profile picture of Elon Musk. The main content area features a large image of a red Tesla Roadster in space, with Earth visible in the background. A person wearing a white spacesuit is seated in the driver's seat. Below the image are interaction icons: a heart, a comment bubble, a right-pointing arrow, and a bookmark. The caption 'Piace a uno, nessuno e centomila' is shown, along with a timestamp 'C'era una volta'. The bottom navigation bar includes icons for home, search, add, like, and user.

Gmail Clone

Michele Abruzzese

1° posto



Flutter Study Jam



Anna Labellarte

@anna_labe



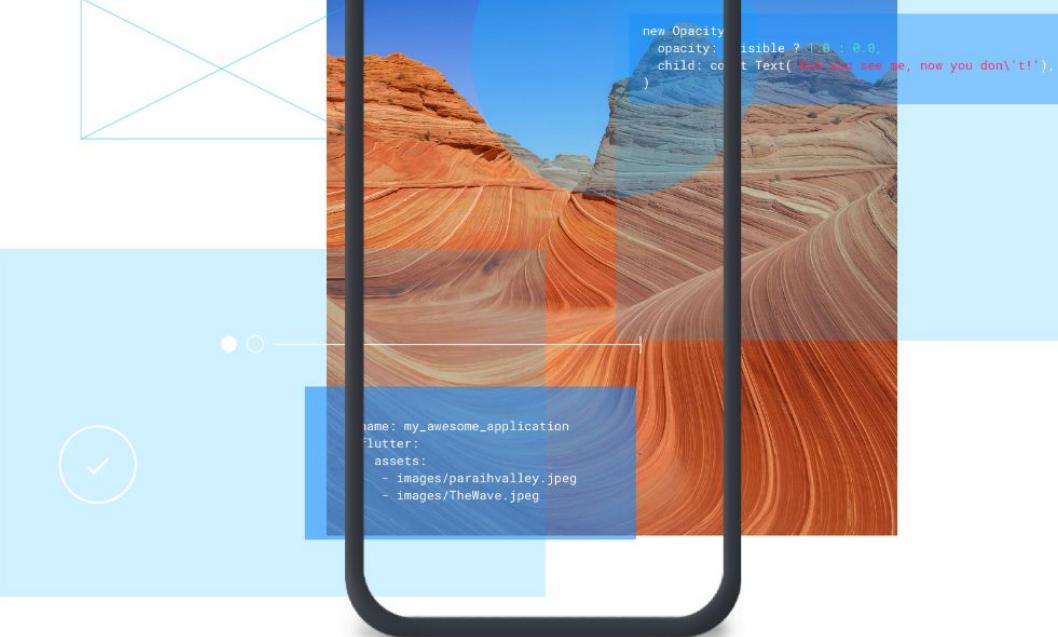
Paolo Rotolo

@paolorotolo



Andrea Lops

@lopsandrea

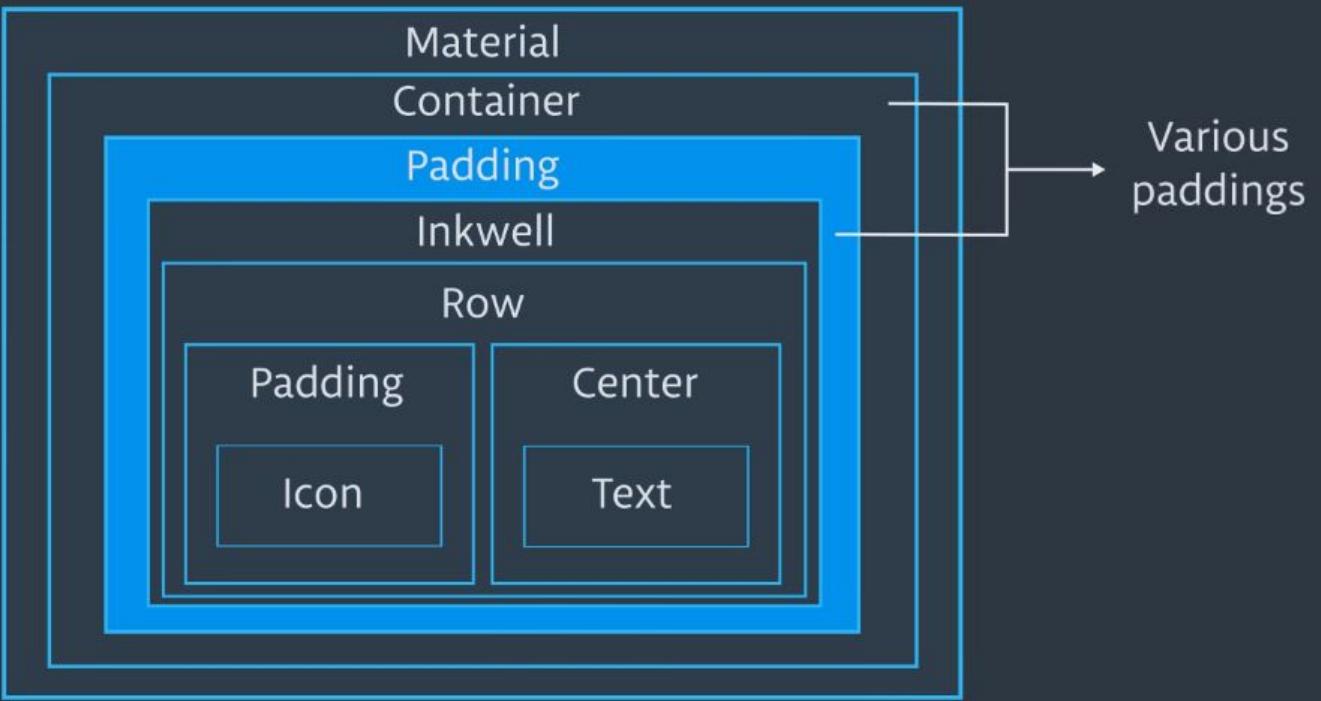


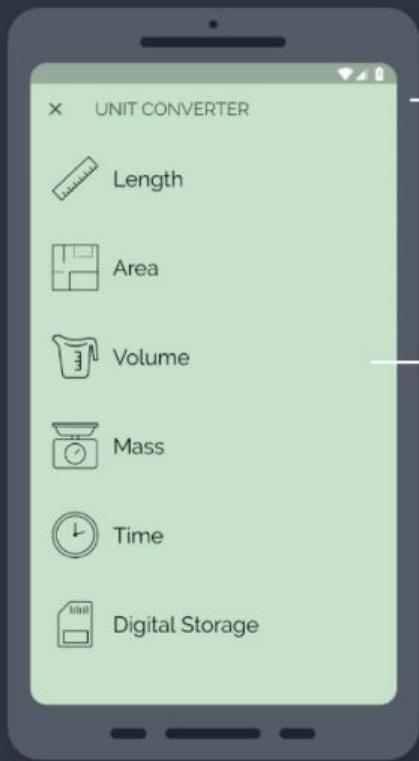
ListView





Length

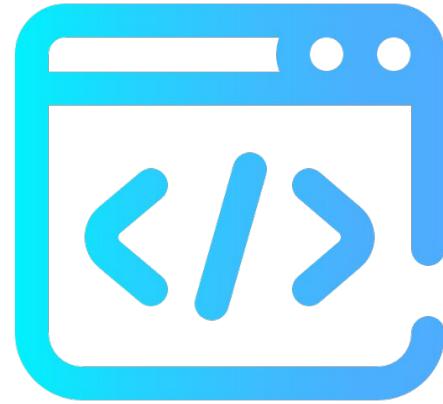




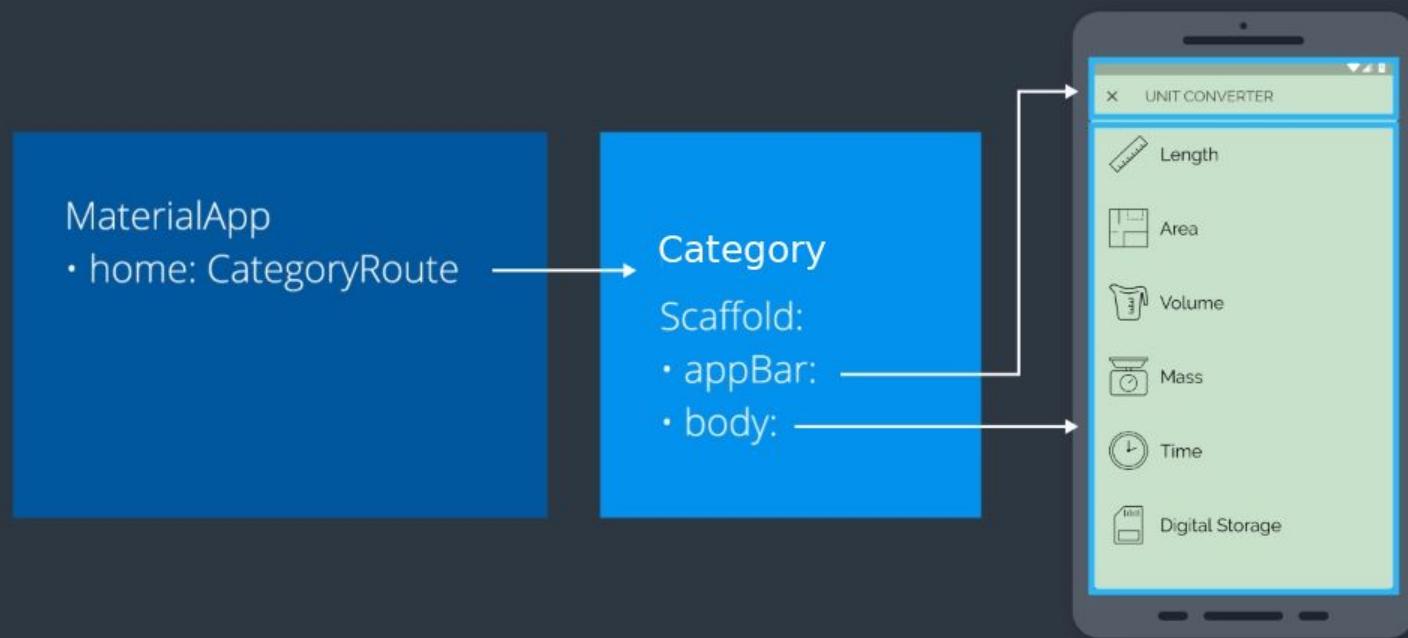
Widget

Widget

Let's see how to
implement List/Grid
Views



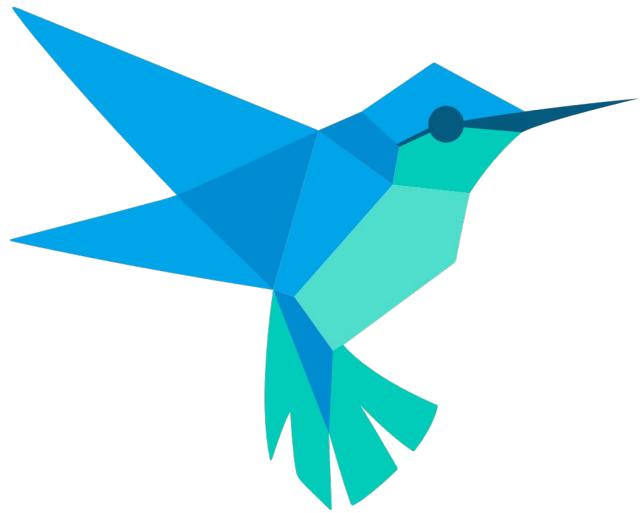
Layout



Quiz 15: Code the Unit Converter AppBar and Category List



Navigation



X UNIT CONVERTER



Length



Area



Volume



Mass



Time



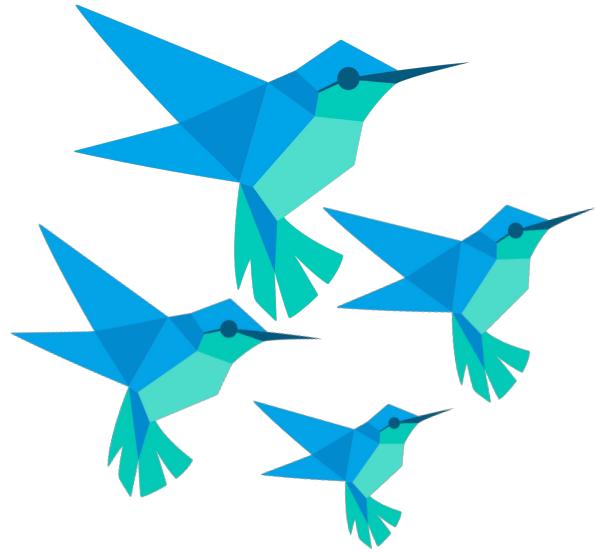
Digital Storage

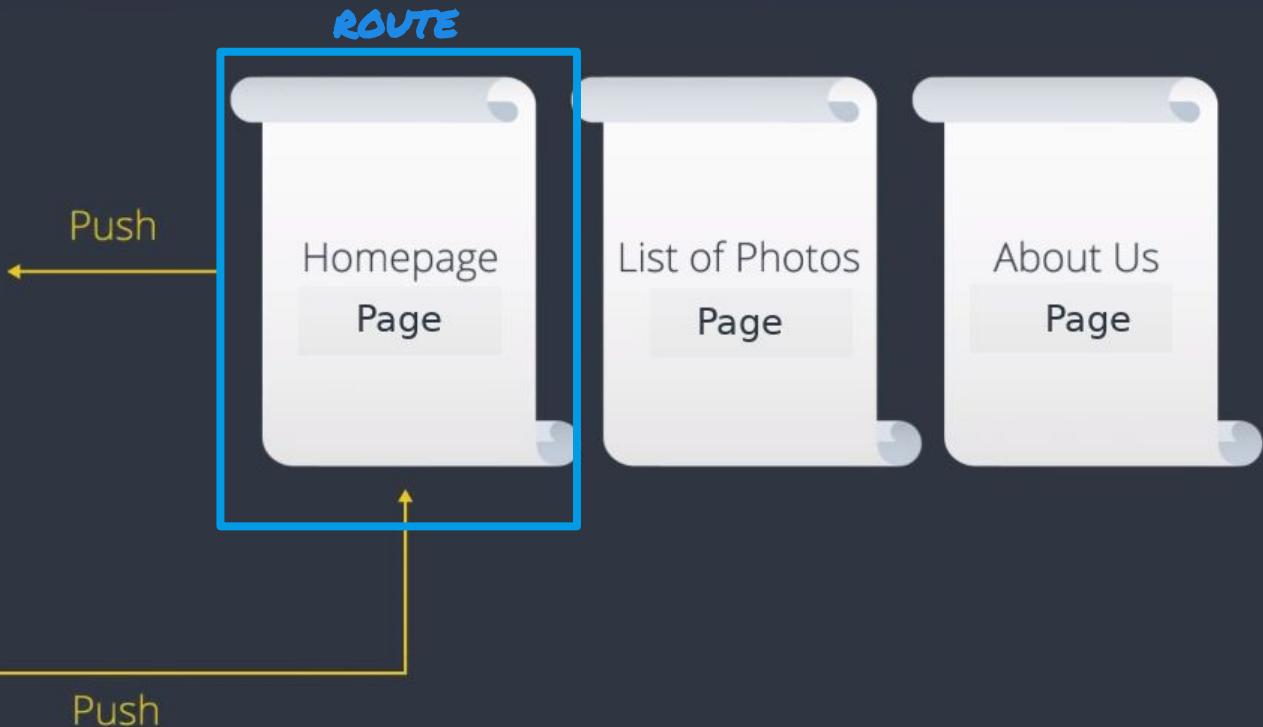
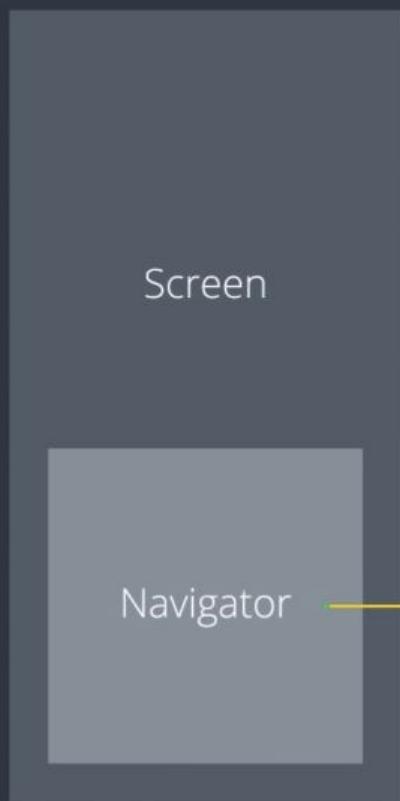
Navigator

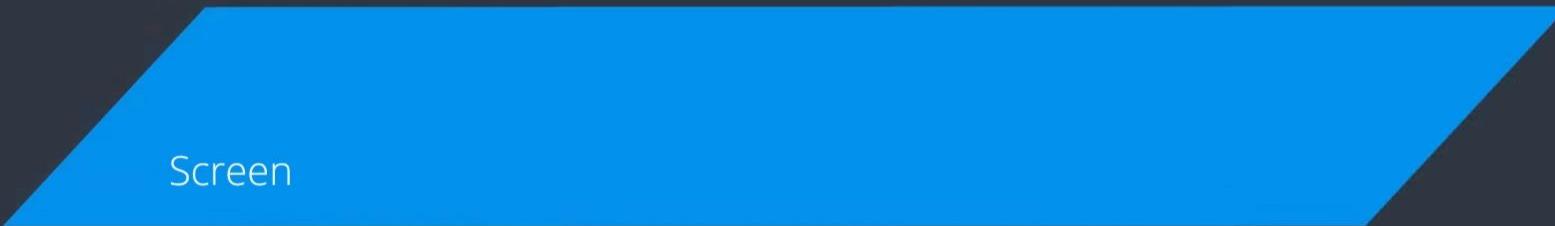
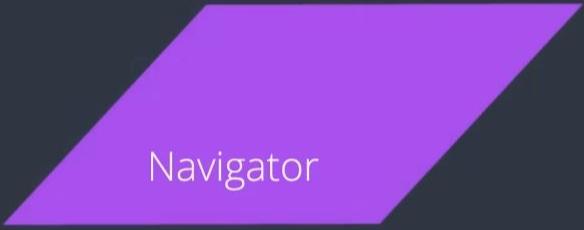
A widget that manages a set of child widgets with a stack discipline.

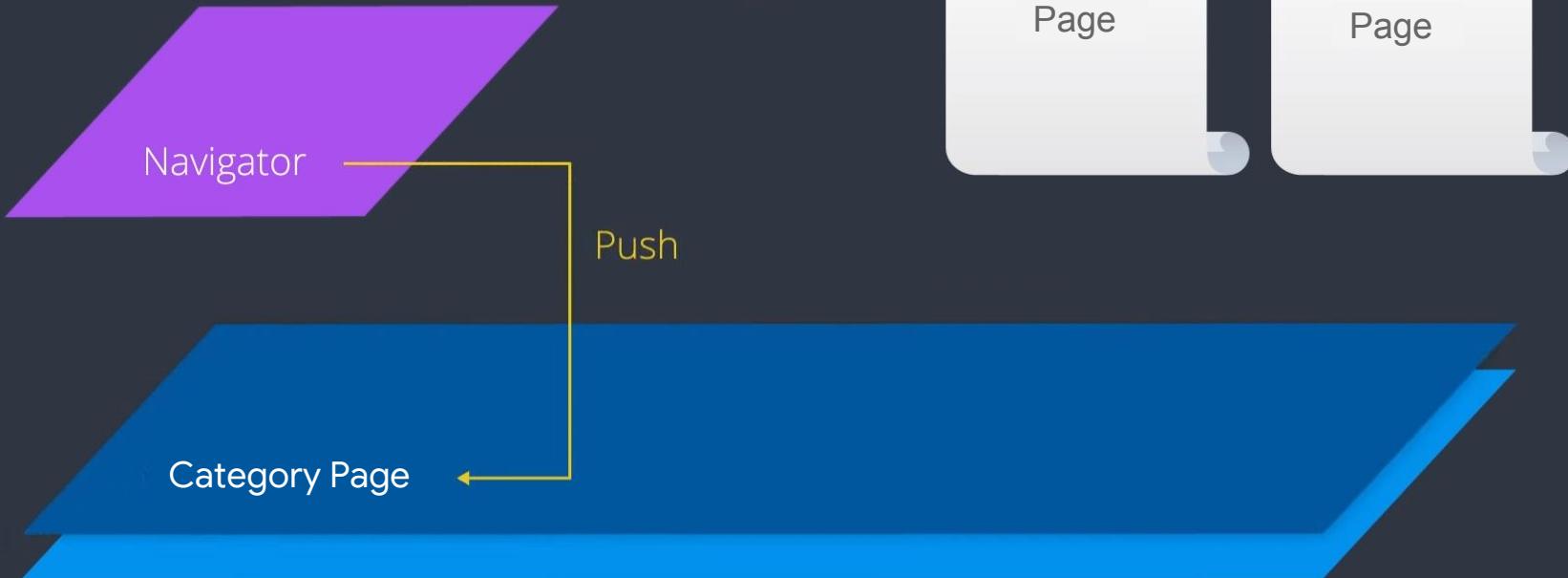
Route

Abstract interface between the navigator and the "routes" that are pushed on and popped off the navigator.



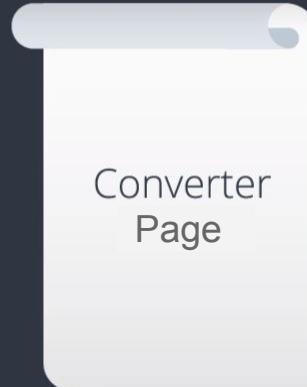




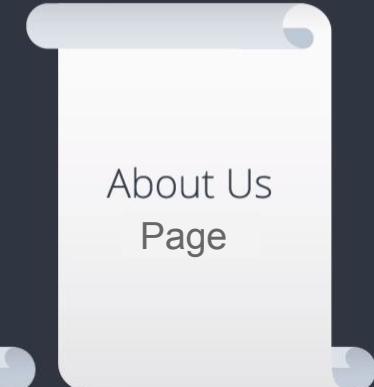




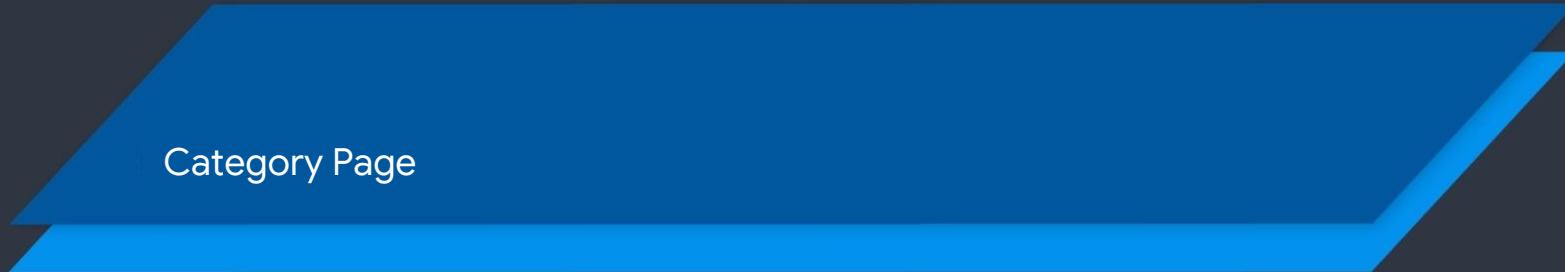
Navigator



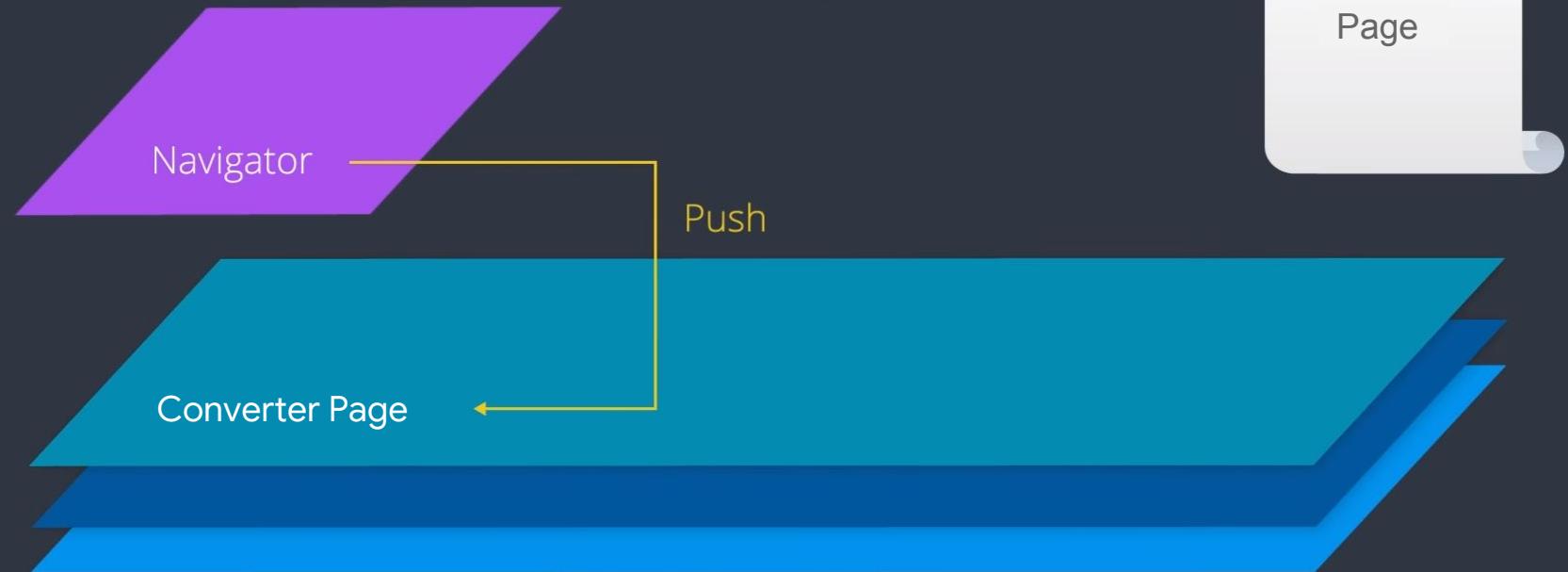
Converter
Page

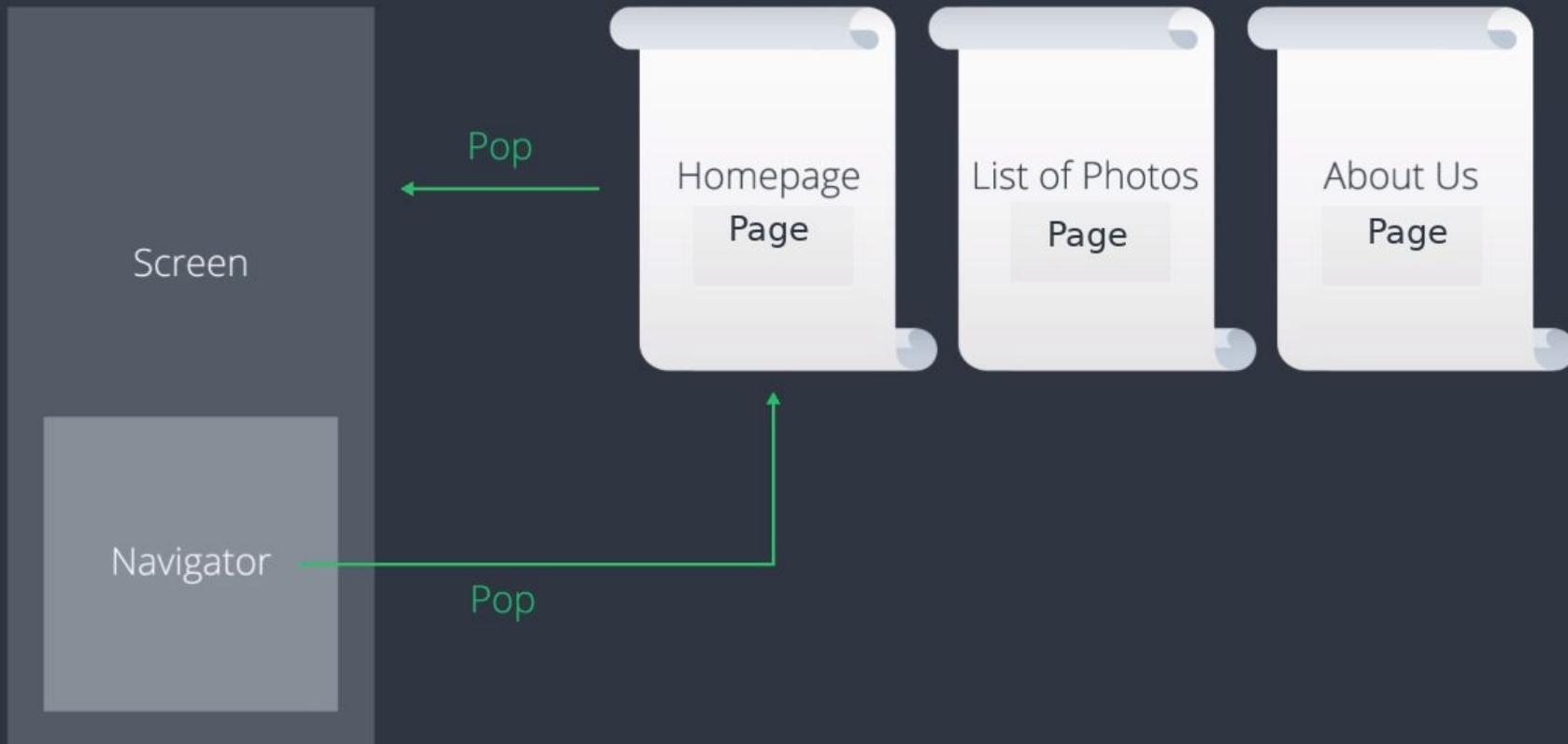


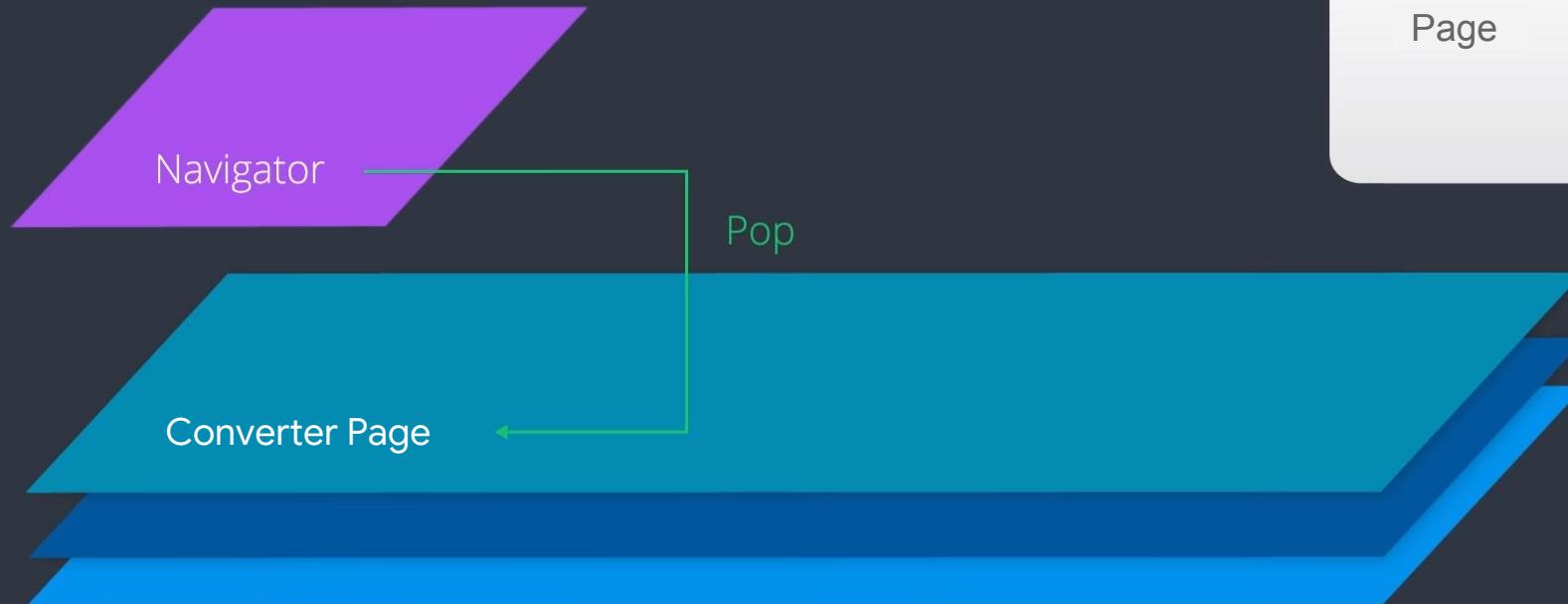
About Us
Page

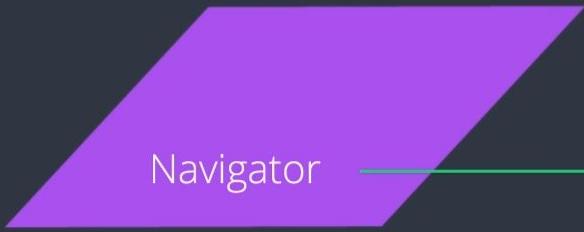


Category Page









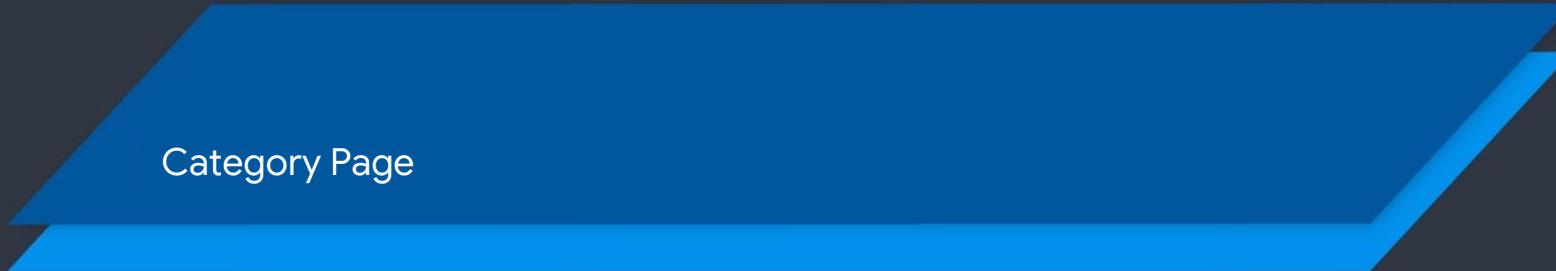
Navigator

Pop



Converter
Page

About Us
Page



Category Page

Navigate to a new Screen

```
onPressed: () {  
  Navigator.push(  
    context,  
    MaterialPageRoute(builder: (context) => SecondScreen()),  
  );  
}  
}
```

Navigate back

```
onPressed: () =>  
  Navigator.pop(context);  
}
```

Final result

Dismissing Items

Item 1

Item 2

Item 4

Item 5

Item 6

Item 7

Item 8

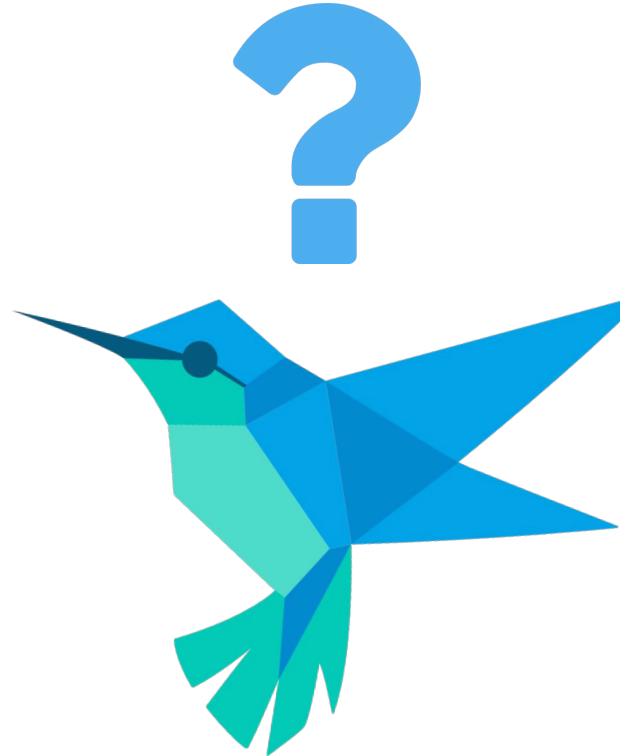
Item 9

Item 10

Item 11

Item 12

Quiz 19: Code Navigation for the Unit Converter



Clarification

Our code and animation mentions "CategoryRoute" and "ConverterRoute", but these are more aptly named "CategoryScreen" and "ConverterScreen".

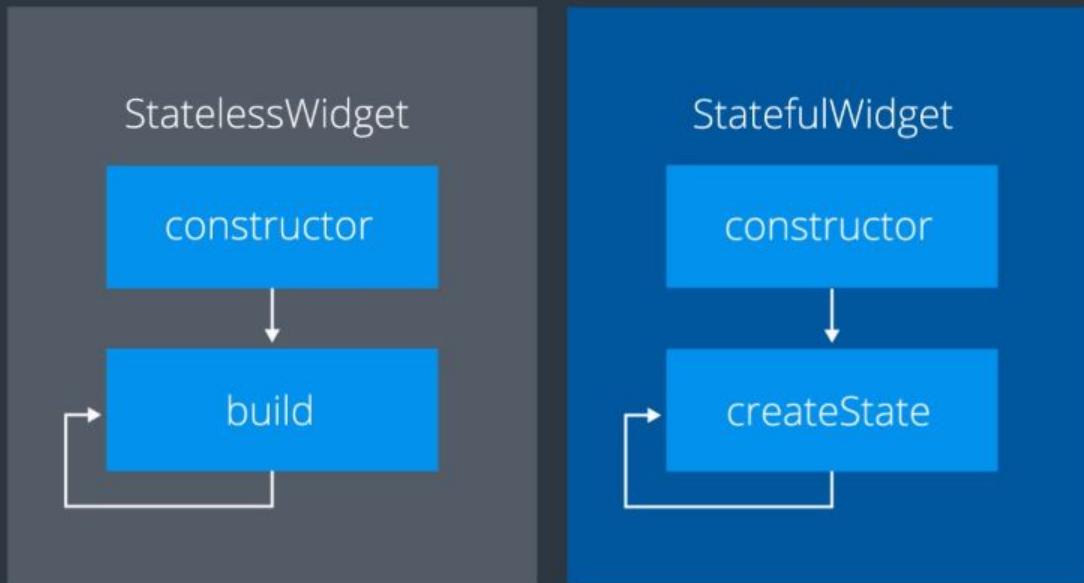
Quiz 19: Code Navigation for the Unit Converter



Stateful Widget



Widget lifecycle



Creating StatefulWidget

```
class HelloRectangle extends StatefulWidget {  
    final String text;  
  
    HelloRectangle({  
        this.text,  
    });  
  
    @override  
    createState() => _HelloRectangleState();  
}
```

Creating StatefulWidget

```
class HelloRectangle extends StatelessWidget {  
    final String text;  
  
    HelloRectangle({  
        this.text,  
    });  
  
    @override  
    createState() => _HelloRectangleState();  
}
```

Creating StatefulWidget

```
class HelloRectangle extends StatelessWidget {  
    final String text;  
  
    HelloRectangle({  
        this.text,  
    });  
  
    @override  
    createState() => _HelloRectangleState();  
}
```

Creating State

```
class _HelloRectangleState extends  
    State<HelloRectangle> {  
    var color = Colors.purple;  
  
    @override  
    Widget build(BuildContext context) {  
        return Container(  
            child: Text(widget.text),  
            color: color,  
        );  
    }  
}
```

Creating State

```
class _HelloRectangleState extends  
State<HelloRectangle> {  
    var color = Colors.purple;  
  
    @override  
    Widget build(BuildContext context) {  
        return Container(  
            child: Text(widget.text),  
            color: color,  
        );  
    }  
}
```

Creating State

```
class _HelloRectangleState extends  
State<HelloRectangle> {  
    var color = Colors.purple;  
  
    @override  
    Widget build(BuildContext context) {  
        return Container(  
            child: Text(widget.text),  
            color: color,  
        );  
    }  
}
```

StatefulWidget

```
class HelloRectangle extends StatefulWidget {  
    final String text;  
  
    HelloRectangle({  
        this.text,  
    });  
  
    @override  
    createState() => _HelloRectangleState();  
}
```

State

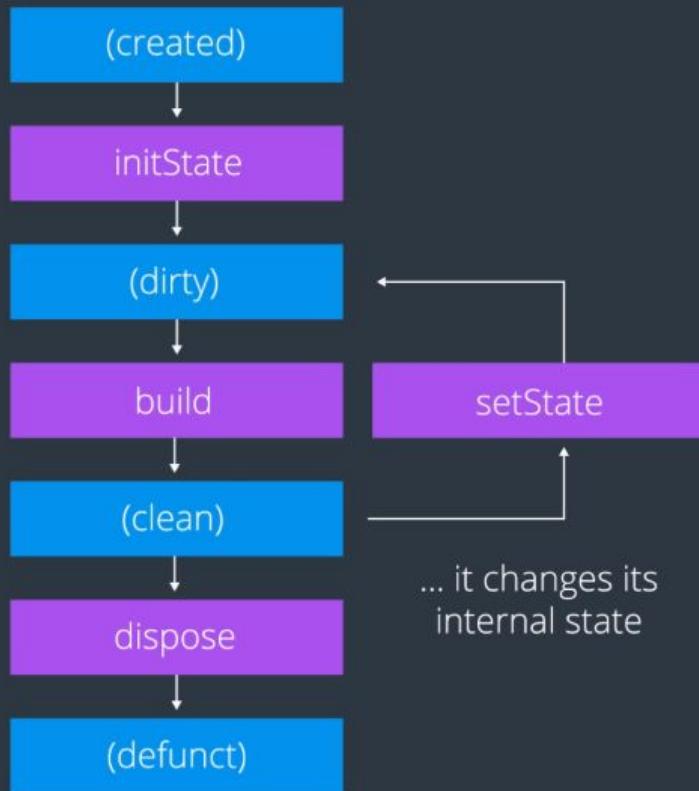
```
class _HelloRectangleState extends State<HelloRectangle> {  
    var color = Colors.purple;  
  
    @override  
    Widget build(BuildContext context) {  
        return Container(  
            child: Text(widget.text),  
            color: color,  
        );  
    }  
}
```

State Object

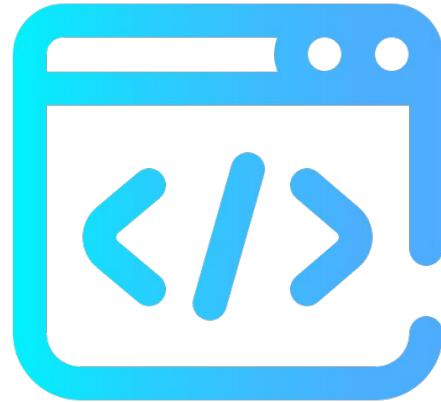
Override initState(), dispose(), etc. if desired.

setState() should only be called, not overriden.

A State<T> object can rebuild if ...



Let's create a Stateful Widget



Quiz 22: Make Widget Stateful

