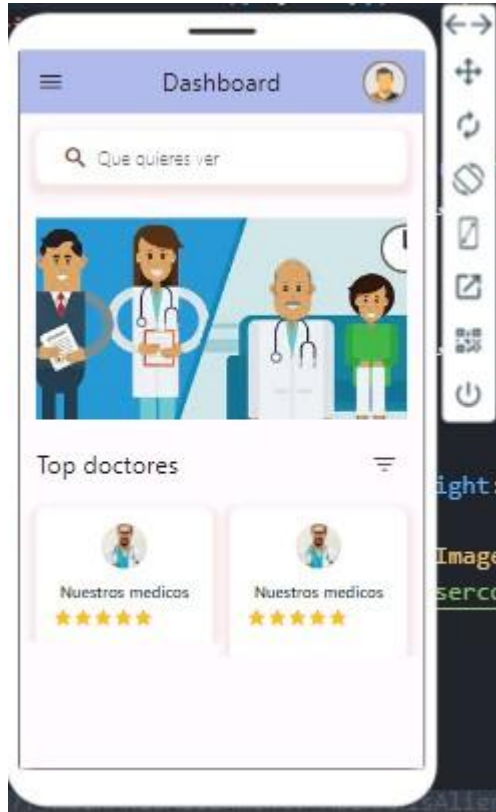# Unidad II Actividad 1 Android Avitia Diego
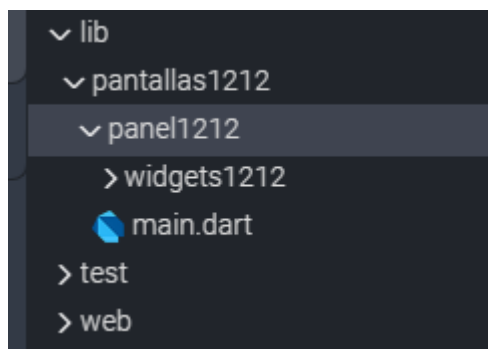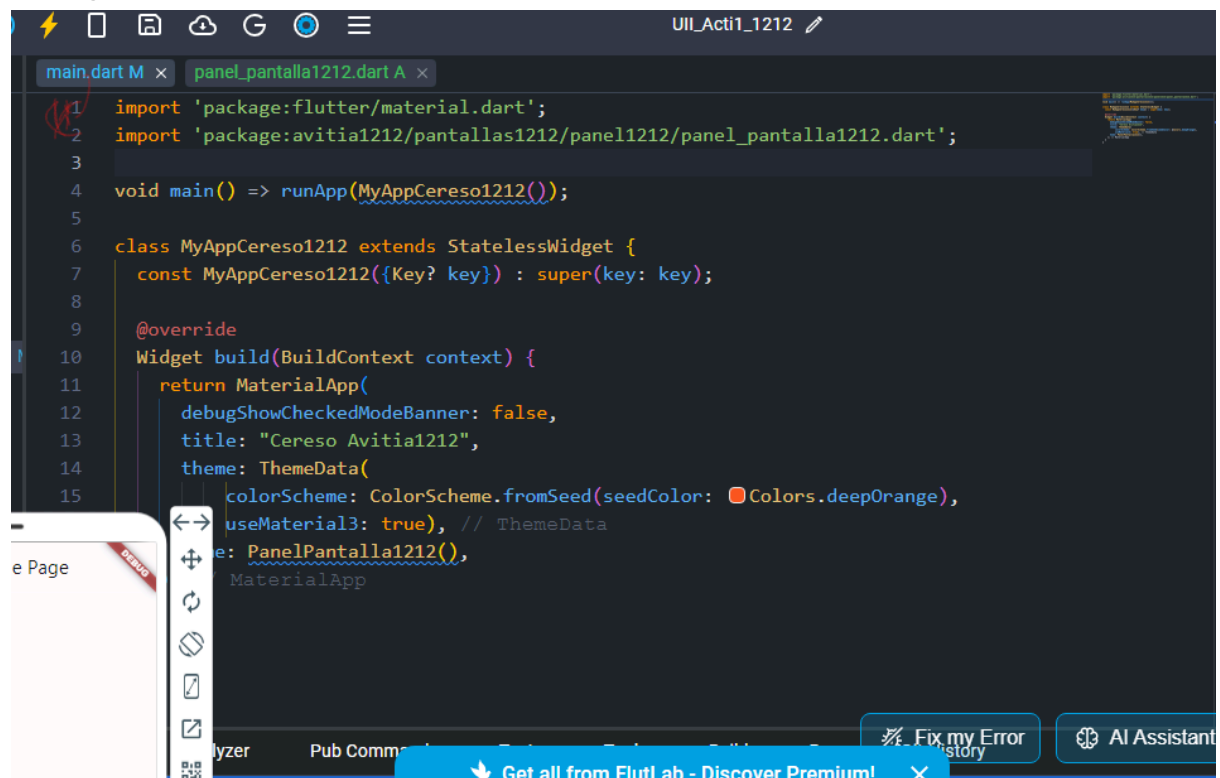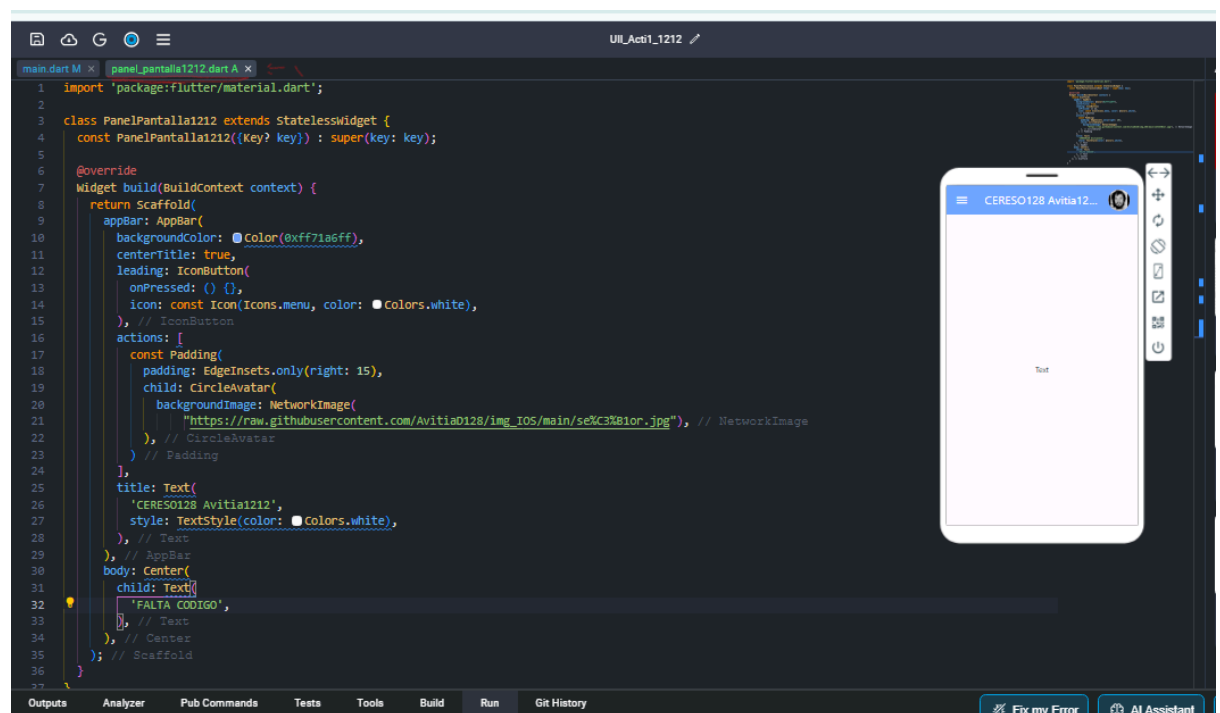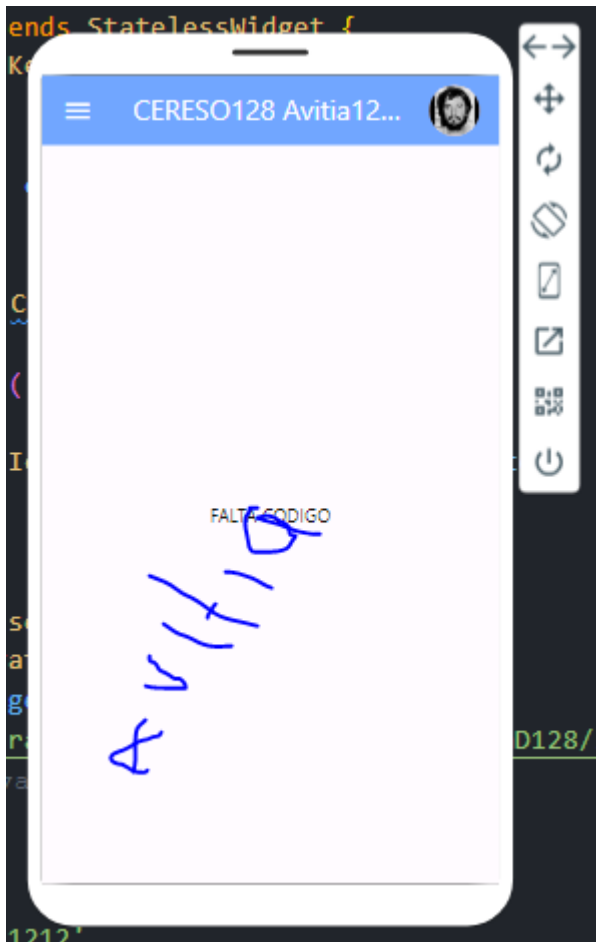
Diseño

Carpetas

Codigo main.dart

```dart
import 'package:flutter/material.dart';
import 'package:avitia1212/pantallas1212/panel1212/panel_pantalla1212.dart';

void main() => runApp(MyAppCereso1212());

class MyAppCereso1212 extends StatelessWidget {
  const MyAppCereso1212({Key? key}) : super(key: key);

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      title: "Cereso Avitia1212",
      theme: ThemeData(
        colorScheme: ColorScheme.fromSeed(seedColor: Colors.deepOrange),
        useMaterial3: true), // ThemeData
      home: PanelPantalla1212(),
    // MaterialApp
```
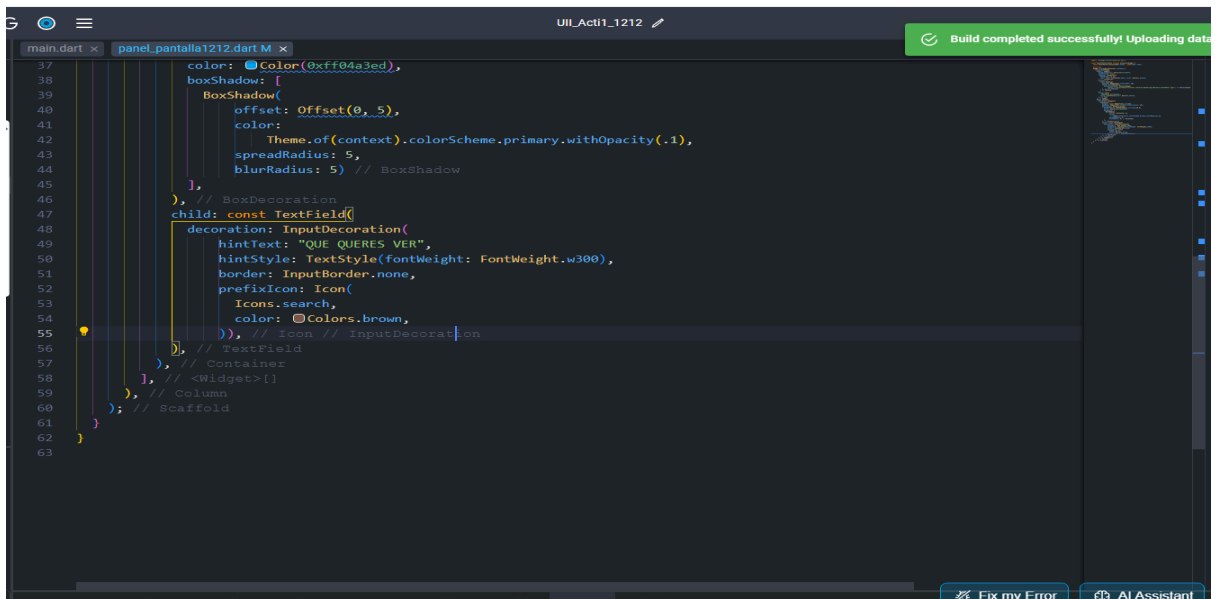
Codigo Panel_Pantalla1212.dart

```dart
import 'package:flutter/material.dart';

class PanelPantalla1212 extends StatelessWidget {
  const PanelPantalla1212({Key? key}) : super(key: key);

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        backgroundColor: Color(0xff71a6ff),
        centerTitle: true,
        leading: IconButton(
          onPressed: () {},
          icon: const Icon(Icons.menu, color: Colors.white),
        ), // IconButton
        actions: [
          const Padding(
            padding: EdgeInsets.only(right: 15),
            child: CircleAvatar(
              backgroundImage: NetworkImage(
                "https://raw.githubusercontent.com/AvitiaD128/img_IOS/main/se%C3%B1or.jpg"), // NetworkImage
            ), // CircleAvatar
          ) // Padding
        ],
        title: Text(
          'CERESO128 Avitia1212',
          style: TextStyle(color: Colors.white),
        ), // Text
      ), // AppBar
      body: Center(
        child: Text(
          'FALTA CODIGO',
        ), // Text
      ), // Center
    ); // Scaffold
  }
}
```
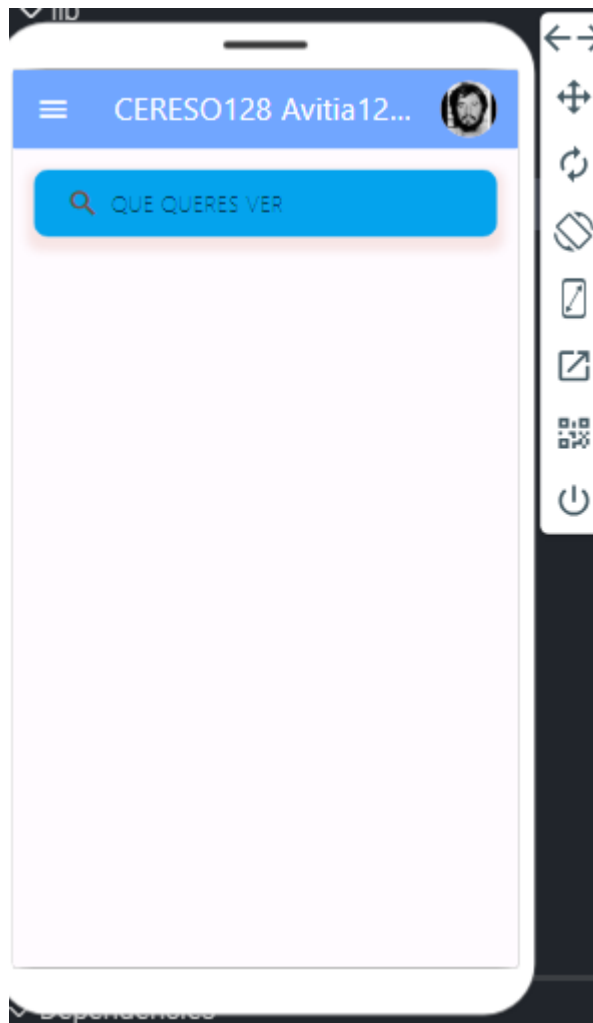
SALIDA DEL CODIGO ANTERIOR

Barra de Busqueda

```dart
37        color: Color(0xff04a3ed),
38        boxShadow: [
39          BoxShadow(
40            offset: Offset(0, 5),
41            color:
42              Theme.of(context).colorScheme.primary.withOpacity(.1),
43            spreadRadius: 5,
44            blurRadius: 5) // BoxShadow
45        ],
46      ), // BoxDecoration
47      child: const TextField(
48        decoration: InputDecoration(
49          hintText: "QUE QUERES VER",
50          hintStyle: TextStyle(fontWeight: FontWeight.w300),
51          border: InputBorder.none,
52          prefixIcon: Icon(
53            Icons.search,
54            color: Colors.brown,
55          )), // Icon // InputDecoration
56      ), // TextField
57    ), // Container
58    ], // <Widget>[]
59    ), // Column
60  ); // Scaffold
61  }
62 }
63
```

Resultado del codigo

Codigo de Imagen centrada

```
37          color: Color(0xff04a3ed),
38          boxShadow: [
39            BoxShadow(
40              offset: Offset(0, 5),
41              color:
42                Theme.of(context).colorScheme.primary.withOpacity(.1),
43              spreadRadius: 5,
44              blurRadius: 5) // BoxShadow
45          ],
46        ), // BoxDecoration
47        child: const TextField(
48          decoration: InputDecoration(
49            hintText: "QUE QUERES VER",
50            hintStyle: TextStyle(fontWeight: FontWeight.w300),
51            border: InputBorder.none,
52            prefixIcon: Icon(
53              Icons.search,
54              color: Colors.brown,
55            )), // Icon // InputDecoration
56        ), // TextField
57      ), // Container
58      Container(
59        height: 180,
60        margin: EdgeInsets.all(15),
61        decoration: const BoxDecoration(
62          image: DecorationImage(
63            image: NetworkImage(
64              "https://raw.githubusercontent.com/AvitiaD128/img_IOS/main/123123.jpg"))), // NetworkImage // Decora
65      ) // Container
66      ], // <Widget>[]
67    ), // Column
68    ); // Scaffold
69  }
70 }
71
```

Resultado
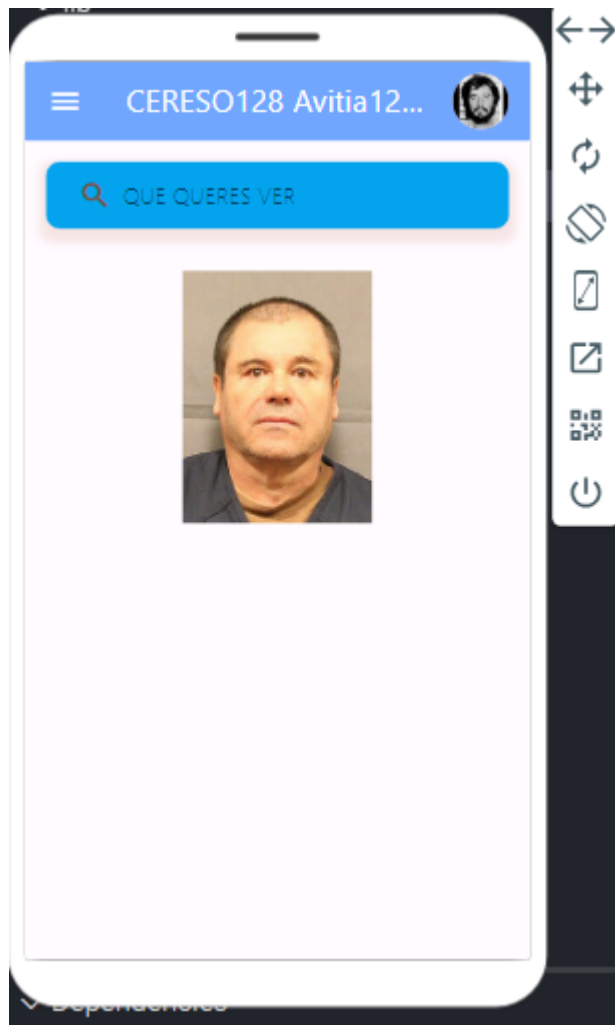
Codigo ListTitle

main.dart ✕   panel_pantalla1212.dart M ✕

```dart
43                        spreadRadius: 5,
44                        blurRadius: 5) // BoxShadow
45                    ],
46                  ), // BoxDecoration
47 ∨            child: const TextField(
48 ∨                decoration: InputDecoration(
49                    hintText: "QUE QUERES VER",
50                    hintStyle: TextStyle(fontWeight: FontWeight.w300),
51                    border: InputBorder.none,
52 ∨                prefixIcon: Icon(
53                      Icons.search,
54                      color: ⬜Colors.brown,
55                    )), // Icon // InputDecoration
56                ), // TextField
57            ), // Container
58 >        Container(···
65            ), // Container
66 ∨        ListTile(
67            title: Text("Prisioneros"),
68            titleTextStyle: Theme.of(context).textTheme.titleLarge,
69 💡          trailing: Icon(Icons.filter_list_outlined),
70          ) // ListTile
71        ], // <Widget>[]
72      ), // Column
73    ); // Scaffold
74    }
75 }
76
```

Resultado de este
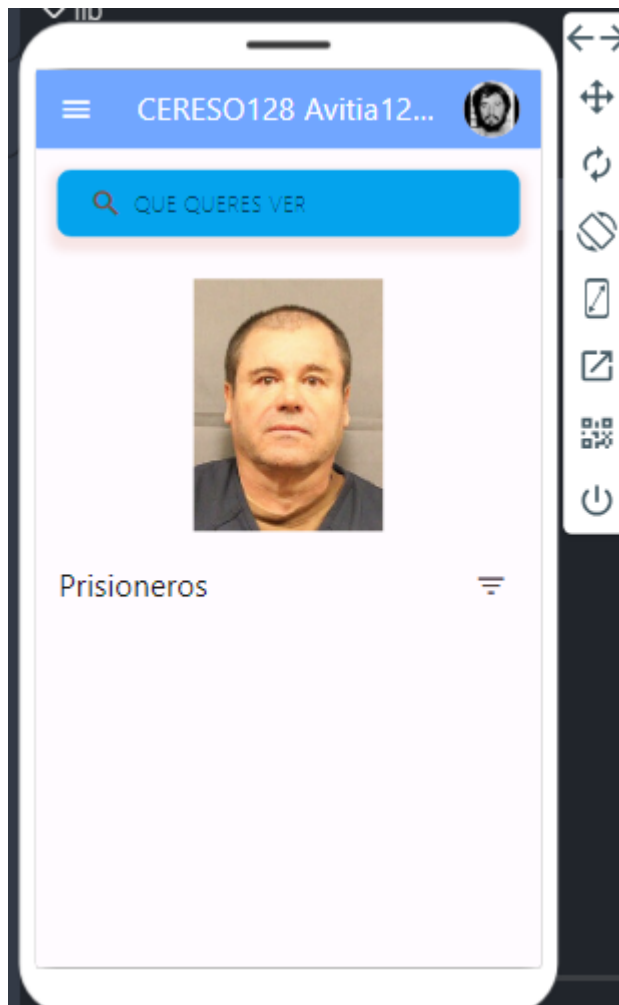
Expanded Codigo


```dart
                   image: NetworkImage(
                       "https://raw.githubusercontent.com/AvitiaD128/img_IOS/main/123123.jpg"))), //
          ), // Container
          ListTile(
            title: Text("Prisioneros"),
            titleTextStyle: Theme.of(context).textTheme.titleLarge,
            trailing: Icon(Icons.filter_list_outlined),
          ), // ListTile
          Expanded(
              child: GridView.count(
              padding: EdgeInsets.all(15),
              crossAxisCount: 2,
              mainAxisSpacing: 20,
              crossAxisSpacing: 15,
              children: [
                for (int i = 1; i <= 10; i++) const ItemPrisioneros1212()
              ],
          )) // GridView.count // Expanded
        ], // <Widget>[]
      ), // Column
    ); // Scaffold
  }
}
```

Resultado
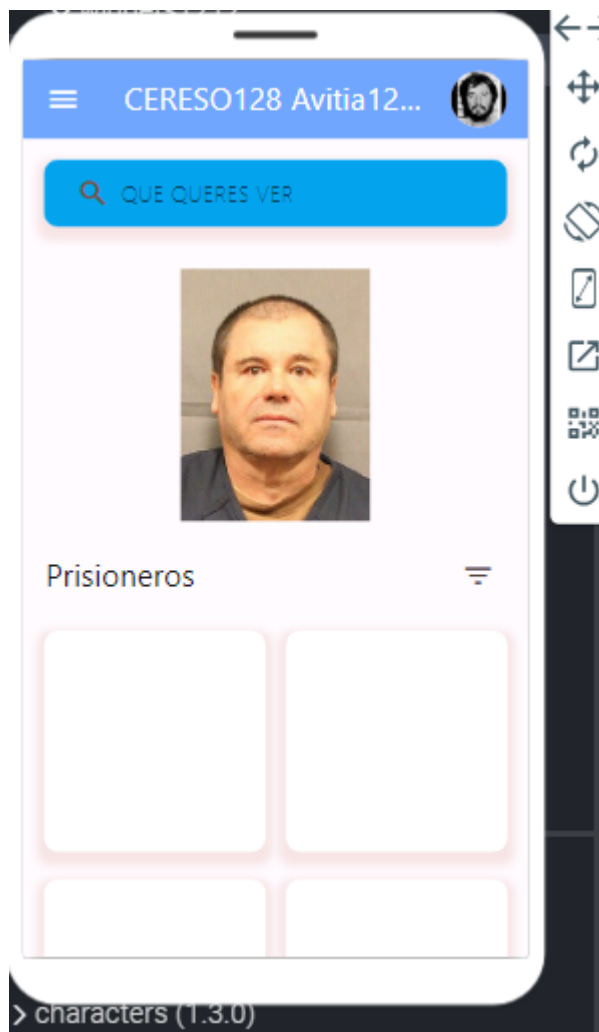
Archivo itemPrisioneros

```dart
import 'package:flutter/material.dart';

class ItemPrisioneros1212 extends StatelessWidget {
  const ItemPrisioneros1212({Key? key}) : super(key: key);

  @override
  Widget build(BuildContext context) {
    return Container(
      padding: EdgeInsets.all(15),
      decoration: BoxDecoration(
        borderRadius: BorderRadius.circular(10),
        color: Colors.white,
        boxShadow: [
          BoxShadow(
              offset: Offset(0, 5),
              color: Theme.of(context).colorScheme.primary.withOpacity(.1),
              spreadRadius: 5,
              blurRadius: 5) // BoxShadow
        ],
      ), // BoxDecoration
    ); // Container
  }
}
```
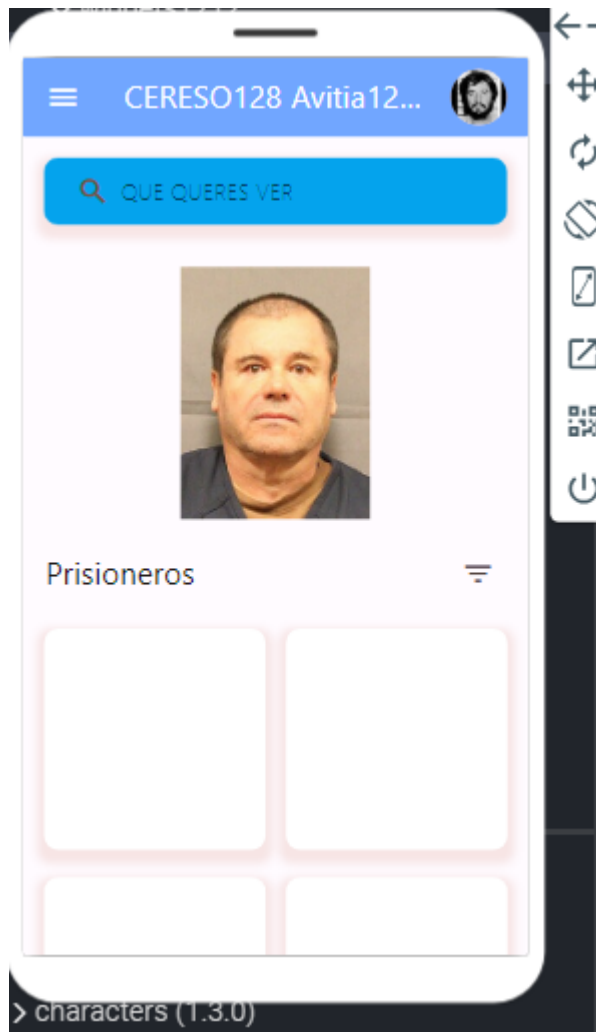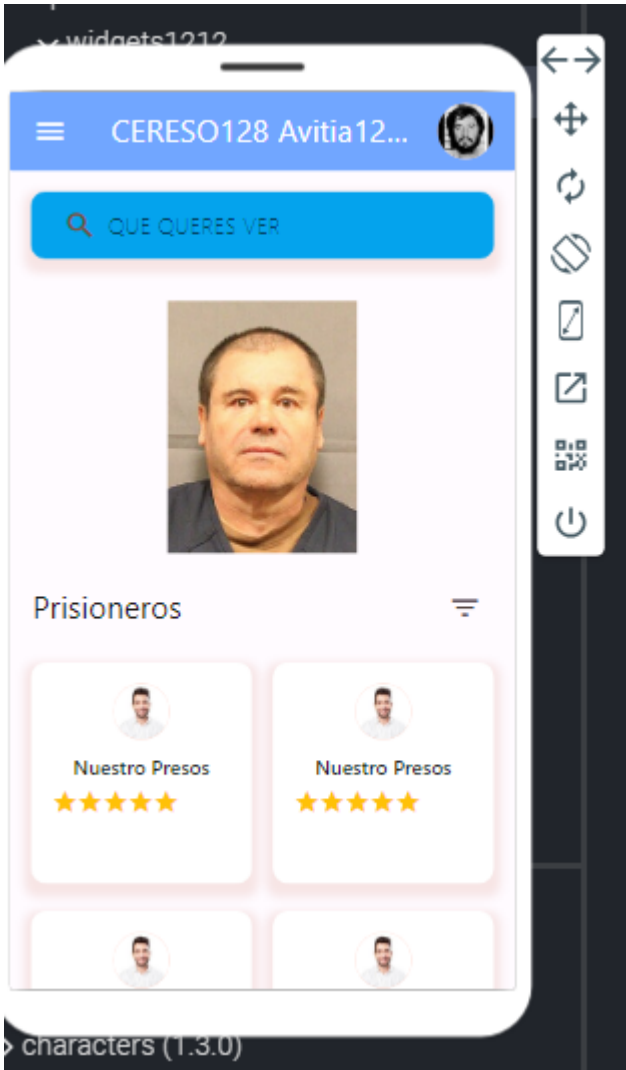
codigo circle image

main.dart ×   panel_pantalla1212.dart M ×   item_prisioneros1212.dart A ×

```dart
 7    Widget build(BuildContext context) {
 8      return Container(
 9        padding: EdgeInsets.all(15),
10 >      decoration: BoxDecoration( ⋯
20        ), // BoxDecoration
21        child: Column(
22          children: [
23            CircleAvatar(
24              backgroundImage: NetworkImage(
25                  "https://raw.githubusercontent.com/AvitiaD128/img_IOS/main/42123.jpg"), // NetworkImage
26            ), // CircleAvatar
27            SizedBox(
28              height: 10,
29            ), // SizedBox
30            Text(
31              "Nuestro Presos",
32              style: Theme.of(context).textTheme.titleSmall,
33            ), // Text
34            SizedBox(
35              height: 5,
36            ), // SizedBox
37            Row(
38                children: List.generate(
39                    5,
40                    (index) => Icon(
41                        Icons.star,
42                        color: Colors.amber,
43                        size: 18,
44                    ))) // Icon // List.generate // Row
45            ],
46          ), // Column
47        ); // Container
48      }
49    }
```

Resultado de este

CERESO128 Avitia12...

QUE QUERES VER

Prisioneros

Nuestro Presos
★★★★★

Nuestro Presos
★★★★★

links de Referencias

[appBar Codesinsider](#)