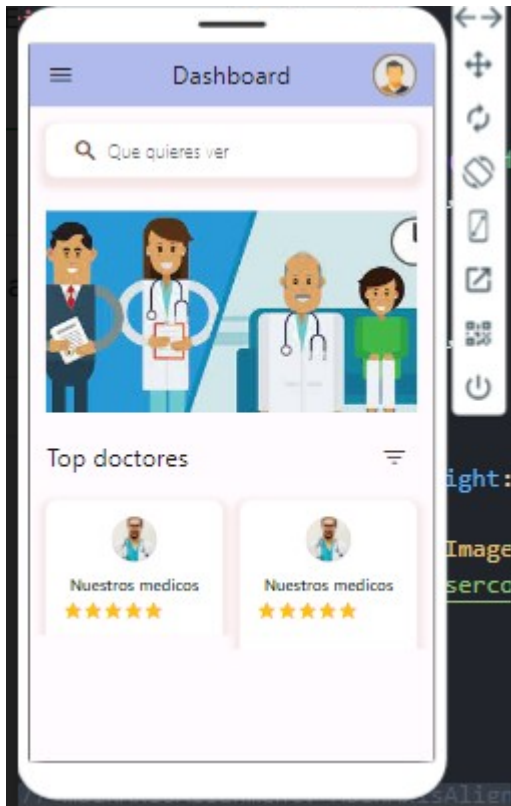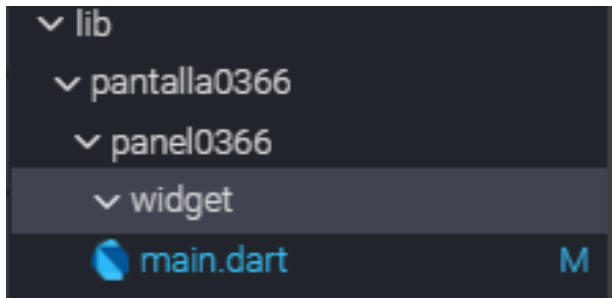# Unidad ll Actividad 1 Android Angel Guerrero

Diseño

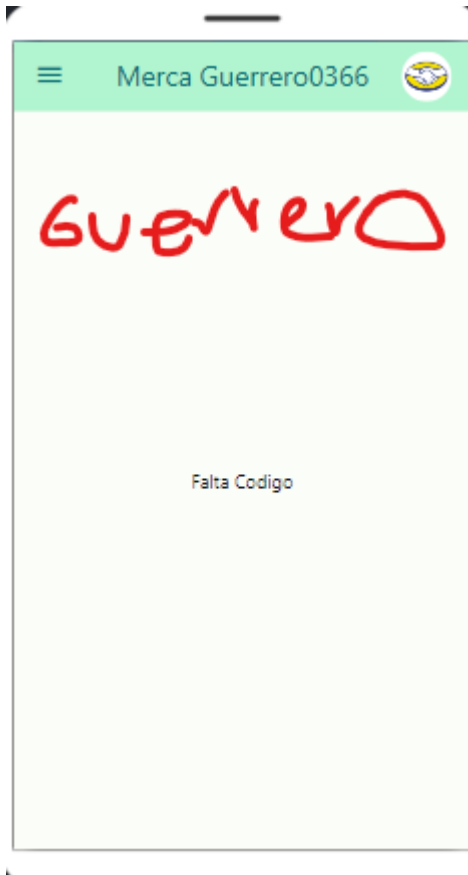## Estructura de Carpetas

Codigo main.dart

```dart
1   import 'package:flutter/material.dart';
2   import 'package:guerrero0366/pantalla0366/panel0366/panel_pantalla0366.dart';
3
4   void main() => runApp(MiAppMercado0366());
5
6   class MiAppMercado0366 extends StatelessWidget {
7     const MiAppMercado0366({Key? key}) : super(key: key);
8
9     @override
10    Widget build(BuildContext context) {
11      return MaterialApp(
12        debugShowCheckedModeBanner: false,
13        title: "Mercado Guerrero0366",
14        theme: ThemeData(
15          colorScheme: ColorScheme.fromSeed(seedColor: Colors.greenAccent),
16          useMaterial3: true), // ThemeData
17        home: PanelPantalla0366(),
18      ); // MaterialApp
19    }
20  }
```

Codigo panel_pantalla0366.dart

```dart
1   import 'package:flutter/material.dart';
2   class PanelPantalla0366 extends StatelessWidget {
3     const PanelPantalla0366({Key? key}) : super(key: key);
4     @override
5     Widget build(BuildContext context) {
6       return Scaffold(
7         appBar: AppBar(centerTitle: true,
8           leading: IconButton(
9             onPressed: () {},icon: const Icon(Icons.menu,
10              color: Color(0xff056b72),
11            ),), // Icon // IconButton
12          backgroundColor: const Color(0x4f09e275),
13          actions: [const Padding(
14              padding: EdgeInsets.only(right: 15),
15              child: CircleAvatar(backgroundImage:
16              NetworkImage("https://raw.githubusercontent.com/GuerreroA128/img_iOS/main/iconmercado.png")
17                  ),)], // CircleAvatar // Padding
18          title: const Text('Merca Guerrero0366',style: TextStyle(
19              color: Color(0xff056b72),
20            ),), // TextStyle // Text
21        ), // AppBar
22        body: const Center(
23          child: Text(
24            'Text',
25          ), // Text
26        ), // Center
27      ); // Scaffold
28    }
29  }
```
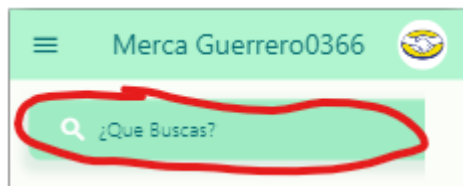
Salida del Código Anterior

continua panel_pantall7777.dart
body, Column, children ,Container,BoxDecoration,BoxShadow y
TexField.

```dart
33    body: Column(
34      children: <Widget>[
35        Container(
36          margin: const EdgeInsets.all(15),
37          padding: EdgeInsets.symmetric(horizontal: 15),
38          decoration: BoxDecoration(
39            borderRadius: BorderRadius.circular(10.0),
40            color: Color(0x4f09e275),
41            boxShadow: [
42              BoxShadow(offset: Offset(0, 5),color: Theme.of(context).colorScheme.primary
43              .withOpacity(.1),
44                spreadRadius: 5,blurRadius: 5)]), // BoxShadow // BoxDecoration
45          child: const TextField(
46            decoration: InputDecoration(
47              hintText: "¿Que Buscas?",
48              hintStyle: TextStyle(
49                fontWeight: FontWeight.w300,
50                color: Color(0xff056b72),), // TextStyle
51              border: InputBorder.none,
52              prefixIcon: Icon(Icons.search, color: Colors.white)),), // InputDecoration // TextField
53        ) // Container
54      ], // <Widget>[]
55    )); // Column // Scaffold
56  }}
```
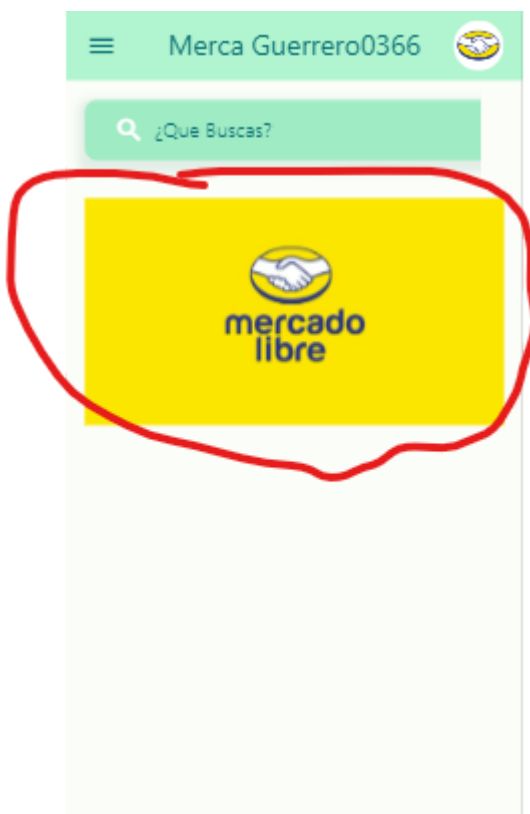
resultado

body, Column,children,Container2, boxdecoration,image y network

```
Container(
  height: 180,
  margin: const EdgeInsets.all(15),
  decoration: BoxDecoration(
    image: DecorationImage(
        fit: BoxFit.cover,
        image: NetworkImage(
            "https://raw.githubusercontent.com/GuerreroA128/img_iOS/main/ml2.jpg")),
  ), // BoxDecoration
) // Container
```
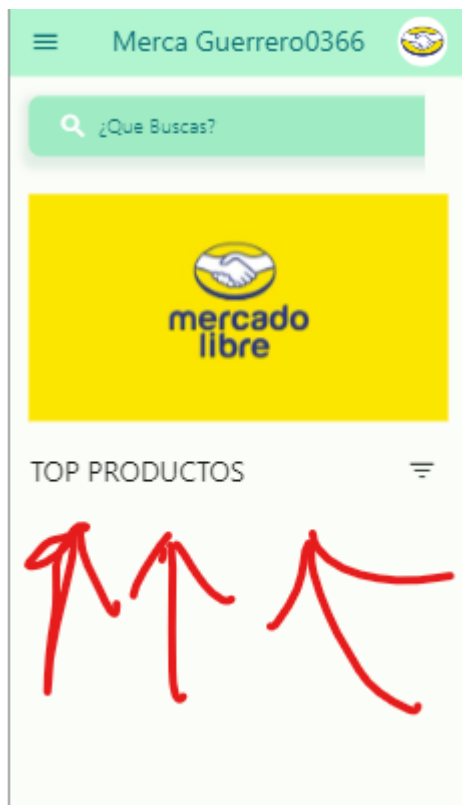
resultado

body, Column,children,ListTile, Text,titleTextStyle,icons

```
72          ListTile(
73            title: Text("TOP PRODUCTOS"),
74            titleTextStyle: Theme.of(context).textTheme.titleLarge,
75            trailing: Icon(Icons.filter_list_outlined),
76          ) // ListTile
77        ], // <Widget>[]
78      )); // Column // Scaffold
79    }
80  }
```

resultado

body, Column,children,Expanded, GridView
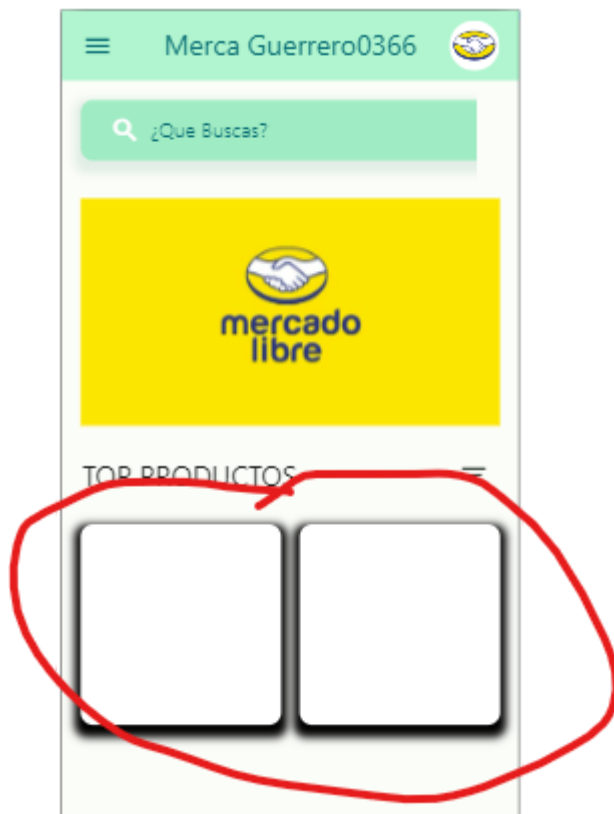
```
78          Expanded(
79            child: GridView.count(
80            padding: EdgeInsets.all(15),
81            crossAxisCount: 2,
82            mainAxisSpacing: 20,
83            crossAxisSpacing: 15,
84            children: [for (int i = 1; i <= 10; i++) const Itemmercado()],
85          )) // GridView.count // Expanded
86        ], // <Widget>[]
87      )); // Column // Scaffold
88    }
89  }
90
```

item_mercado.dart
return, Container, Boxdecoration y BoxShadow

```dart
1   import 'package:flutter/material.dart';
2
3   class Itemmercado extends StatelessWidget {
4     const Itemmercado({Key? key}) : super(key: key);
5
6     @override
7     Widget build(BuildContext context) {
8       return Container(
9         padding: EdgeInsets.all(15),
10        decoration: BoxDecoration(
11            borderRadius: BorderRadius.circular(10),
12            color: Colors.white,
13            boxShadow: [
14              BoxShadow(offset: Offset(0, 5), spreadRadius: 5, blurRadius: 5)
15            ]), // BoxDecoration
16      ); // Container
17    }
18  }
19
```
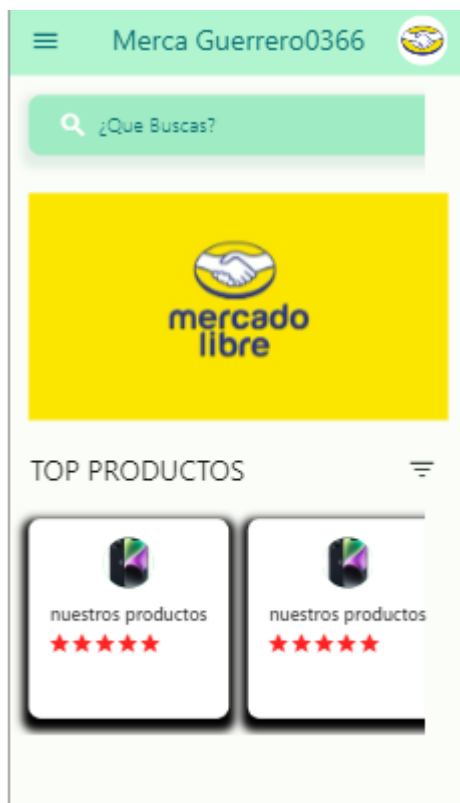
resultado

child, column, Children, CircleAvatar, sizedBox, Text, SizedBox,
Row, children, list.generated, Icons y color

```
16          child: Column(
17            children: [
18              CircleAvatar(
19                backgroundImage: NetworkImage(
20                  "https://raw.githubusercontent.com/GuerreroA128/img_flutterFlow/main/producto14.png"
21              ), // CircleAvatar
22              SizedBox(
23                height: 10,
24              ), // SizedBox
25              Text(
26                "nuestros productos",
27                style: Theme.of(context).textTheme.titleSmall,
28              ), // Text
29              SizedBox(
30                height: 5,
31              ), // SizedBox
32              Row(
33                children: List.generate(
34                  5,
35                  (index) =>
36                    Icon(Icons.star, color: Color(0xffff2323), size: 18)), // List.generate
37              ) // Row
38            ],
39          ), // Column
40        ); // Container
41      }
```

resultado final:

Link de Referencias

appBar codesinsider