Unidad 2 - Actividad 1 - Android Dylan Lozano

Diseño
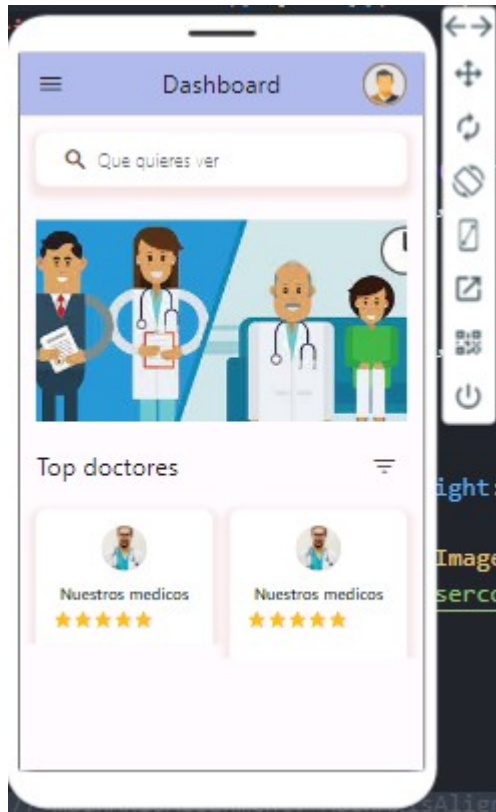
Estructura de Carpetas
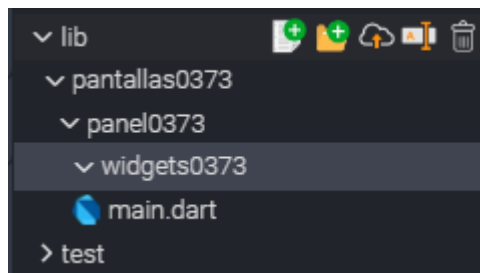
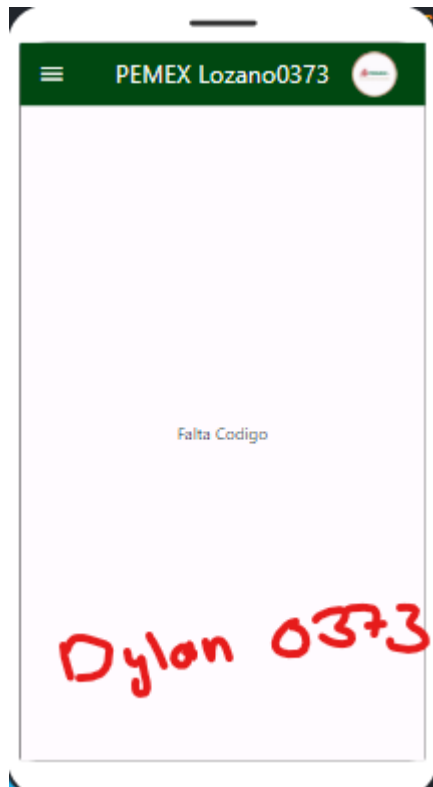## Codigo main.dart

```dart
import 'package:flutter/material.dart';
import 'package:lozano0373/pantallas0373/panel0373/panel_pantalla0373.dart';

void main() => runApp(MiAppPemex0373());

class MiAppPemex0373 extends StatelessWidget {
  const MiAppPemex0373({Key? key}) : super(key: key);

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      title: "PEMEX Lozano0373",
      theme: ThemeData(
          colorScheme: ColorScheme.fromSeed(seedColor: Colors.deepOrangeAccent),
          useMaterial3: true), // ThemeData
      home: PanelPantalla0373(),
    ); // MaterialApp
  }
}
```
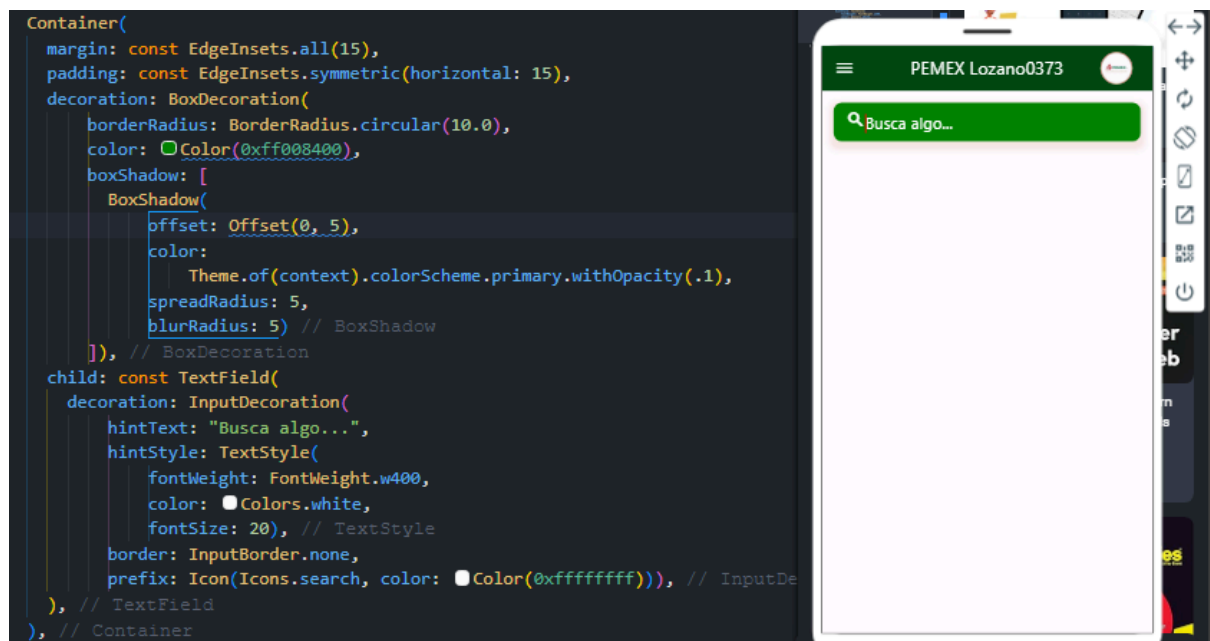
Codigo panel_pantalla0373.dart

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

class PanelPantalla0373 extends StatelessWidget {
  const PanelPantalla0373({Key? key}) : super(key: key);

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('PEMEX Lozano0373', style: TextStyle(color: Colors.white)),
        backgroundColor: Color(0xff004811),
        centerTitle: true,
        leading: IconButton(
          onPressed: () {},
          icon: Icon(Icons.menu, color: Colors.white),
        ), // IconButton
        actions: [
          Padding(
            padding: EdgeInsets.only(right: 25),
            child: CircleAvatar(
                backgroundImage: NetworkImage(
                    "https://raw.githubusercontent.com/DylanLozanoAvelar/Img_IOS/main/FlutterFlowA12/icon_pemex.jpg")),
          ) // Padding
        ],
      ), // AppBar
      body: Center(
        child: Text(
          'Falta Codigo',
        ), // Text
      ), // Center
    ); // Scaffold
  }
}
```

Salida del Código Anterior

Código y Salida del TextField


```
Container(
  margin: const EdgeInsets.all(15),
  padding: const EdgeInsets.symmetric(horizontal: 15),
  decoration: BoxDecoration(
      borderRadius: BorderRadius.circular(10.0),
      color: Color(0xff008400),
      boxShadow: [
        BoxShadow(
            offset: Offset(0, 5),
            color:
                Theme.of(context).colorScheme.primary.withOpacity(.1),
            spreadRadius: 5,
            blurRadius: 5) // BoxShadow
      ]), // BoxDecoration
  child: const TextField(
    decoration: InputDecoration(
        hintText: "Busca algo...",
        hintStyle: TextStyle(
            fontWeight: FontWeight.w400,
            color: Colors.white,
            fontSize: 20), // TextStyle
        border: InputBorder.none,
        prefix: Icon(Icons.search, color: Color(0xffffffff))), // InputDe
  ), // TextField
), // Container
```

Código y Salida del Segundo Container

```
appBar: AppBar( ···
), // AppBar
body: Column(
  children: <Widget>[
    Container( ···
    ), // Container
    Container(
      height: 180,
      margin: const EdgeInsets.all(15),
      decoration: const BoxDecoration(
        image: DecorationImage(
          fit: BoxFit.cover,
          image: NetworkImage(
            "https://raw.githubusercontent.com/DylanLozanoAvelar/Img_IOS/main/FlutterFlowA12
  ], // <Widget>[]
), // Column
; // Scaffold
```
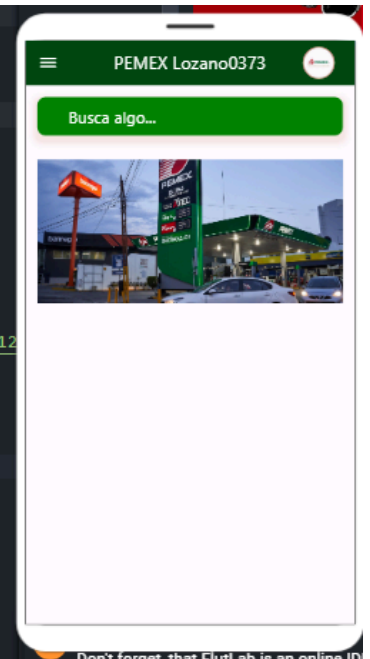

Código y Salida del ListTile

```
@override
Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar( ···
    ), // AppBar
    body: Column(
      children: <Widget>[
        Container( ···
        ), // Container
        Container( ···
        ListTile(
          title: Text("Empleados del mes"),
          titleTextStyle: Theme.of(context).textTheme.titleLarge,
          trailing: Icon(Icons.filter_list_outlined),
        ) // ListTile
      ], // <Widget>[]
    ), // Column
  ); // Scaffold
}
```
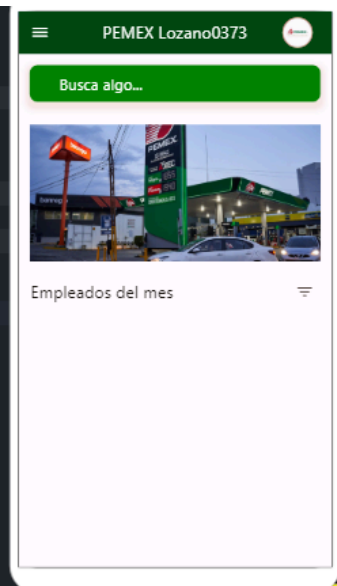
Código y Salida de Expended

```
          ) // Padding
        ],
      ), // AppBar
      body: Column(
        children: <Widget>[
          Container(…
          ), // Container
          Container(…
          ListTile(…
          ), // ListTile
          Expanded(
              child: GridView.count(
            padding: EdgeInsets.all(15),
            crossAxisCount: 2,
            mainAxisSpacing: 20,
            crossAxisSpacing: 15,
            children: [for (int i = 1; i <= 10; i++) const Itempemex0373()
          )) // GridView.count // Expanded
        ], // <Widget>[]
      ), // Column
    ); // Scaffold
  }
}
```
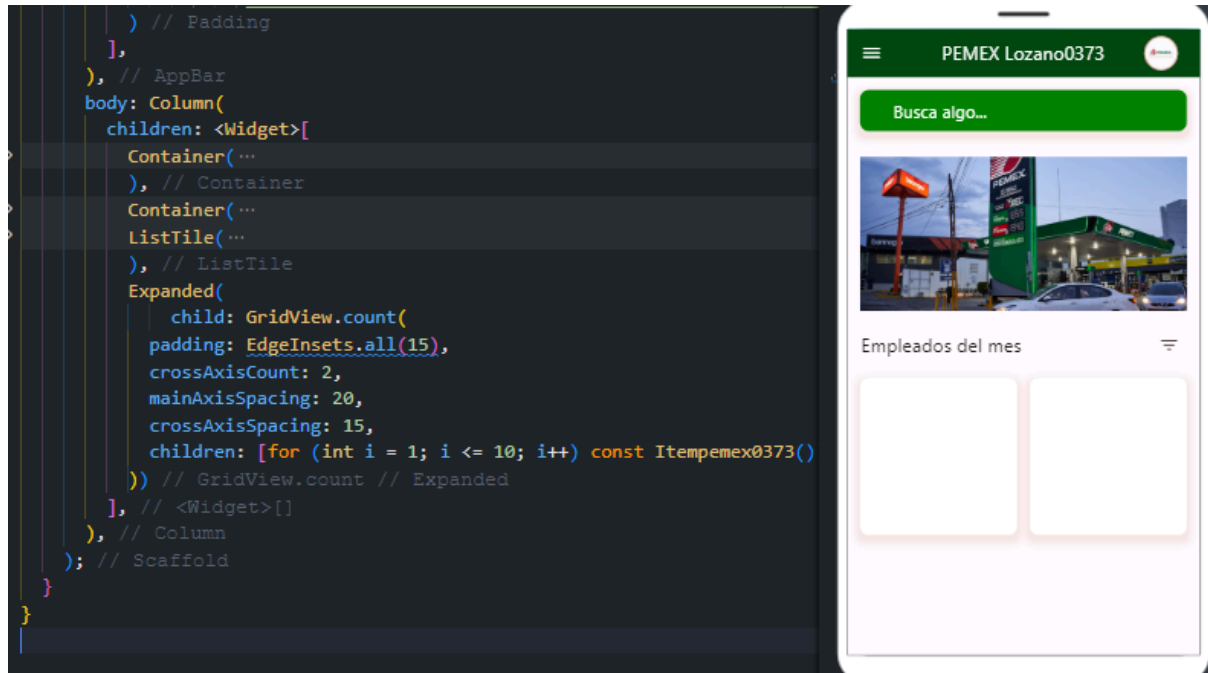
Código y Salida de item_pemex0373.dart

```dart
1   import 'package:flutter/material.dart';
2
3   class Itempemex0373 extends StatelessWidget {
4     const Itempemex0373({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(
15              offset: Offset(0, 5),
16              color: Theme.of(context).colorScheme.primary.withOpacity(.1),
17              spreadRadius: 5,
18              blurRadius: 5) // BoxShadow
19          ]), // BoxDecoration
20        child: Column(children: [
21          CircleAvatar(
22            backgroundImage: NetworkImage(
23              "https://raw.githubusercontent.com/DylanLozanoAvelar/Img_IOS/main/FlutterFlowA12/empleados.jp
24          ), // CircleAvatar
25          SizedBox(
26            height: 20,
27          ), // SizedBox
28          Text(
29            "Uriel Rivas",
30            style: Theme.of(context).textTheme.titleSmall,
31          ), // Text
32          SizedBox(
33            height: 5,
34          ), // SizedBox
35          Row(
36            mainAxisAlignment: MainAxisAlignment.center,
37            children: List.generate(
38              5,
39              (index) =>
40                Icon(Icons.star, color: Color(0xfffffd600), size: 18))) // List.generate // Row
41        ]), // Column
42      ); // Container
43    }
44  }
```

Link de Referencias
[AppBar Codesinsider](#)
[Actividad de Classroom](#)