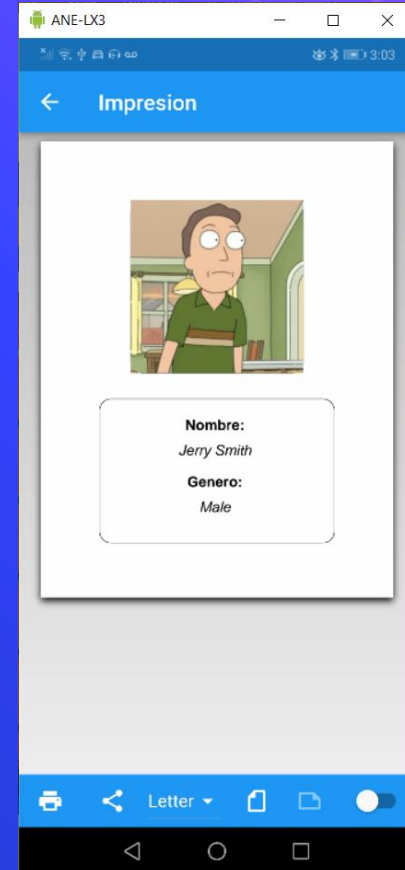


Practica 19

PDF
API Rick & Morty



Resultado Final de la practica



¿Que vamos a necesitar?

- Crear un proyecto nuevo de Flutter. Le pondremos **practica_19**.
- Crear la carpeta **assets** en el proyecto e irá un archivo **gif**
- Crear la carpeta **src** dentro de la carpeta **lib**
- Crear la carpeta **ui** dentro de la carpeta **lib**
- Dentro de la carpeta **lib/ui** crear los archivos **details_container.dart**, **head_container.dart** y **list_tile.dart**
- Dentro de la carpeta **lib/src** crear los archivos **listview.dart**, **details_page.dart** y **pdf_preview.dart**
- Borrar todo el contenido del archivo **main.dart**

Editar el archivo **pubspec.yaml**

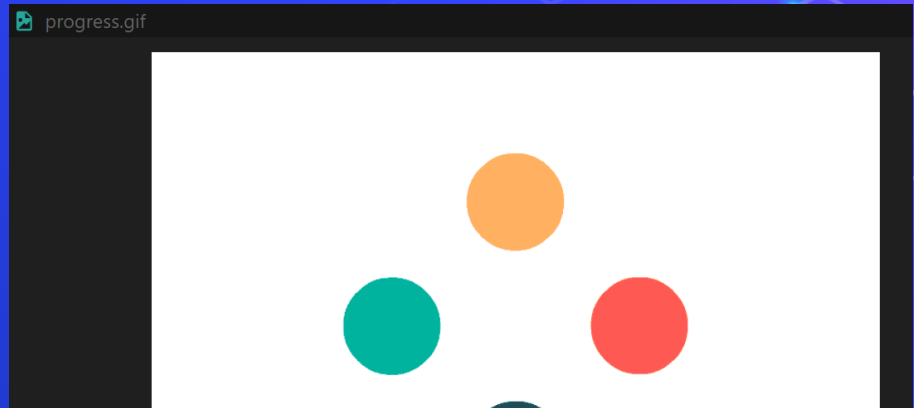
Ahora agregaremos los paquetes que utilizaremos en el proyecto

```
22
23   dependencies:
24     flutter:
25       sdk: flutter
26     http: ^0.13.3
27     pdf: ^3.6.2
28     path_provider: ^2.0.5
29     printing: ^5.6.2
30     image_downloader: ^0.30.0
31     #network_to_file_image: ^3.0.3
```

Editar el archivo **pubspec.yaml**

También agregaremos un **assets** que será un archivo gif

```
53      # To add assets to your application, add an assets section to your
54      assets:
55      |   - assets/progress.gif
56
57      #   - images/a_dot_ham.jpeg
```



Editar el archivo **AndroidManifest.xml**

Agregaremos el permiso de Lectura de Memoria.

Para encontrar el archivo nos iremos a la Carpeta:

android --> App --> src --> main

```
1  <manifest xmlns:android="http://schemas.android.com/apk/res/android"
2      package="com.example.practica_19v2">
3      <uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE"/>
4      <application
5          android:label="practica_19v2"
```

Editar el archivo `main.dart`

Ahora cambiaremos la primera pantalla que se verá, para ello tendremos que dirigirnos a nuestro archivo `main.dart` y cambiar el home del `MaterialApp` por el de `ListViewPage()`. NO se te olvide importar.

```
Run | Debug | Profile
5  void main() {
6      WidgetsFlutterBinding.ensureInitialized();
7  ✓  SystemChrome.setPreferredOrientations(
8      [DeviceOrientation.portraitUp, DeviceOrientation.portraitDown]);
9      runApp(MyApp());
10 }
```

Editar el archivo `main.dart` ..2

```
14  ✓ class MyApp extends StatelessWidget {  
15      // This widget is the root of your application.  
16      @override  
17      Widget build(BuildContext context) {  
18          return MaterialApp(  
19              debugShowCheckedModeBanner: false,  
20              title: 'Practica 19',  
21              home: ListViewPage(),  
22          ); // MaterialApp  
23      }  
24  }
```


Editar el archivo `listview.dart` ..1

```
lib > src > listview.dart > ListViewPage > build
1  import 'dart:convert';
2  import 'package:flutter/material.dart';
3  import 'package:http/http.dart';
4  import 'package:practica_19v2/ui/list_tile.dart';
5
6  // ignore: must_be_immutable
7  class ListViewPage extends StatelessWidget {
8    var datos;
9
10   @override
11   Widget build(BuildContext context) {
12     return Scaffold(
13       appBar: AppBar(
14         title: Text('Practica 19 - API'),
15         centerTitle: true,
16         backgroundColor: Color(0xFFFF422C),
17       ), // AppBar
```

Aquí utilizaremos un `StatelessWidget`, y
reemplazaremos nuestro `Container`
por `Scaffold`, el cual iremos
agregando elementos como:

- `AppBar`
- `Center`
- `FutureBuilder`
- `ListView.Builder`

Editar el archivo `listview.dart` ..2

```
18     body: FutureBuilder(  
19         future: _llamarURL(),  
20         initialData: [],  
21         builder: (BuildContext context, AsyncSnapshot<List> snapshot) {  
22             try {  
23                 return ListView.builder(  
24                     itemCount: snapshot.data!.length,  
25                     itemBuilder: (BuildContext context, int index) {  
26                         var datos = snapshot.data![index];  
27  
28                         return MyListTile(  
29                             titulo: datos['name'],  
30                             subtitulo: datos['gender'],  
31                             imagenfin: datos['image'],  
32                         ); // MyListTile  
33                     }); // ListView.builder  
34             } catch (exc) {  
35                 return Center(child: CircularProgressIndicator());  
36             }  
37         }), // FutureBuilder
```

Editar el archivo `listview.dart` ..3

```
37         }), // FutureBuilder
38     ); // Scaffold
39 }
40
41 Future<List> _llamarURL() async {
42     var url =
43         "https://rickandmortyapi.com/api/character/1,2,3,4,5,6,7,8,9,10,20,183";
44
45     final respuesta = await get(Uri.parse(url));
46     final _respuestajson = json.decode(respuesta.body);
47
48     return _respuestajson;
49 }
50 }
51
```

Editar el archivo `details_page.dart` ..1

Aquí utilizaremos un **StatelessWidget**, y remplazaremos nuestro **Container** por **Scaffold**, el cual iremos agregando elementos como:

- AppBar
- Container
- FloatingActionButton

```
1  import 'package:flutter/material.dart';
2  import 'package:image_downloader/image_downloader.dart';
3  import 'package:practica_19v2/src/pdf_preview.dart';
4  import 'package:practica_19v2/ui/details_container.dart';
5  import 'package:practica_19v2/ui/head_container.dart';
6
7  // ignore: must_be_immutable
8  class DetailsPage extends StatelessWidget {
9    var datosName;
10   var datosGender;
11   String? datosImage;
12   String? _path;
13
14   DetailsPage({
15     this.datosName,
16     this.datosGender,
17     this.datosImage,
18   });
```

Editar el archivo `details_page.dart` ..2

001

```
20  @override
21  Widget build(BuildContext context) {
22    // print('DATOS: --> \n --> $datosName -->\n $datosGender ');
23    return Scaffold(
24      appBar: AppBar(
25        title: Text(datosName + ' Details'),
26        backgroundColor: Color(0xFFFFF422C),
27        centerTitle: true,
28        elevation: 0,
29      ), // AppBar
30      body: Container(
31        color: Color(0xFF272A3C),
32        width: double.infinity,
33        height: double.infinity,
34        alignment: Alignment.topCenter,
35        child: Column(
```

Editar el archivo `details_page.dart` ..3

```
35     child: Column(  
36       children: [  
37         MyHeadContainer(imagerec: datosImage),  
38         MyDetailContainer(nom: datosName, sexo: datosGender),  
39       ],  
40     ), // Column  
41   ), // Container  
42   floatingActionButton: FloatingActionButton(  
43     backgroundColor: Color(0xFFFF422C),  
44     child: Icon(Icons.print_outlined),  
45     onPressed: () {  
46       _downloadImage();  
47  
48       Future.delayed(  
49         Duration(milliseconds: 3000),  
50         () => Navigator.push(  
51
```

Editar el archivo `details_page.dart` ..4

```
45  ✓      onPressed: () {
46          _downloadImage();
47
48  ✓      Future.delayed(
49          Duration(milliseconds: 3000),
50  ✓      () => Navigator.push(
51          context,
52  ✓      MaterialPageRoute(
53  ✓          builder: (context) => PdfPage(
54              nombre: datosName,
55              genero: datosGender,
56              imagenurl: _path,
57              )))); // PdfPage // MaterialP
58      },
59      ), // FloatingActionButton
60  ); // Scaffold
61  }
62
63  ✓  _downloadImage() async {
64      try {
```

Editar el archivo `details_page.dart` ..5

```
63  _downloadImage() async {  
64      try {  
65          String? imageId = await ImageDownloader.downloadImage(datosImage!);  
66          _path = await ImageDownloader.findPath(imageId!);  
67          //print('Path: $_path');  
68          // print('Imagen descargada');  
69      } catch (error) {  
70          print(error);  
71      }  
72  }  
73 }
```


Editar el archivo pdf_preview.dart ..1

Aquí utilizaremos un **StatelessWidget**, generaremos la vista final del PDF de salida.

```
19  PdfPage({
20    this.nombre,
21    this.genero,
22    this.imagenurl,
23  });
24
```

```
3  import 'dart:async';
4  import 'dart:io';
5  import 'dart:typed_data';
6  import 'package:path_provider/path_provider.dart';
7  import 'package:flutter/material.dart';
8  import 'package:pdf/pdf.dart';
9  import 'package:pdf/widgets.dart' as pw;
10 import 'package:printing/printing.dart';
11
12 // ignore: must_be_immutable
13 class PdfPage extends StatelessWidget {
14   var nombre;
15   var genero;
16   var imagenurl;
17   var imageTest;
```

Editar el archivo pdf_preview.dart ..2

```
25  @override
26  Widget build(BuildContext context) {
27    return Scaffold(
28      appBar: AppBar(title: Text('Impresion')),
29      body: PdfPreview(
30        build: (format) => _generatePdf(format, 'LiMa'),
31      ), // PdfPreview
32    ); // Scaffold
```

Editar el archivo pdf_preview.dart ..3

```
35 FutureOr<Uint8List> _generatePdf(PdfPageFormat format, String title) async {
36   final pdf = pw.Document(version: PdfVersion.pdf_1_5, compress: true);
37
38   //print('IMAGEN-->$imagenurl');
39   imageTest = pw.MemoryImage(File(imagenurl).readAsBytesSync());
40
41   pdf.addPage(
42     pw.Page(
43       pageFormat: format,
44       build: (context) {
45         return pw.Column(
46           children: [
47             pw.Container(
48               margin: pw.EdgeInsets.only(
49                 top: 30, left: 30, right: 30, bottom: 15), // pw.EdgeInsets.d
50               height: 300,
```

Editar el archivo pdf_preview.dart ..4

```
50         height: 300,  
51         width: 300,  
52         decoration: pw.BoxDecoration(  
53             borderRadius: pw.BorderRadius.circular(20),  
54             border: pw.Border.all(),  
55         ), // pw.BoxDecoration  
56         child: pw.Flexible(child: pw.Image(imageTest))), //  
57     pw.Container(  
58         margin: pw.EdgeInsets.only(  
59             top: 30,  
60             left: 30,  
61             right: 30,  
62             bottom: 15), //EdgeInsets.all(30), // pw.EdgeInsets  
63         height: 250,  
64         width: 500,  
65         decoration: pw.BoxDecoration(  
66             borderRadius: pw.BorderRadius.circular(20),
```

Editar el archivo pdf_preview.dart ..5

```
63     height: 250,  
64     width: 500,  
65     decoration: pw.BoxDecoration(  
66       borderRadius: pw.BorderRadius.circular(20),  
67       border: pw.Border.all(),  
68     ), // pw.BoxDecoration  
69     child: pw.Center(  
70       child: pw.Column(children: [  
71         pw.SizedBox(height: 30),  
72         pw.Text('Nombre: ',  
73           style: pw.TextStyle(  
74             fontSize: 25,  
75             fontWeight: pw.FontWeight.bold,  
76             fontStyle: pw.FontStyle.normal,  
77           )), // pw.TextStyle // pw.Text  
78         pw.SizedBox(height: 15),  
79         pw.Center(  
80           child: pw.Text('$nombre ',  
81             style: pw.TextStyle(  
              
```

Editar el archivo pdf_preview.dart ..6

```
80         child: pw.Text('$nombre ',
81           style: pw.TextStyle(
82             fontSize: 25,
83             fontWeight: pw.FontWeight.normal,
84             fontStyle: pw.FontStyle.italic,
85           )), // pw.TextStyle // pw.Text
86       ), // pw.Center
87       pw.SizedBox(height: 25),
88       pw.Text(
89         'Genero: ',
90         style: pw.TextStyle(
91           fontSize: 25,
92           fontWeight: pw.FontWeight.bold,
93           fontStyle: pw.FontStyle.normal,
94         ), // pw.TextStyle
95       ), // pw.Text
96       pw.SizedBox(height: 15),
97       pw.Center([
98         child: pw.Text('$genero ',
```

Editar el archivo pdf_preview.dart ..7

```
198         child: pw.Text('$genero ',
199         style: pw.TextStyle(
200         fontSize: 25,
201         fontWeight: pw.FontWeight.normal,
202         fontStyle: pw.FontStyle.italic,
203         )), // pw.TextStyle // pw.Text
204     ), // pw.Center
205   ])), // pw.Column // pw.Center
206 ) // pw.Container
207 ],
208 ); // pw.Column
209 },
210 ), // pw.Page
211 );
212
```

Editar el archivo pdf_preview.dart ..8

```
112
113     final output = await getTemporaryDirectory();
114     final file = File('${output.path}/example.pdf');
115     await file.writeAsBytes(await pdf.save());
116
117     return pdf.save();
118 }
119 }
120
```


Editar el archivo `details_container.dart` ..1

Aquí generaremos un Widget para estarlo utilizando en el `details_page.dart`

```
1  import 'package:flutter/material.dart';
2
3  // ignore: must_be_immutable
4  class MyDetailContainer extends StatelessWidget {
5    String? sexo;
6    String? nom;
7
8    MyDetailContainer({this.nom, this.sexo});
9
10   @override
11   Widget build(BuildContext context) {
12     return Container(
13       margin:
14         EdgeInsets.only(left: 30, right: 30, top: 10),
15       height: 300,
16       decoration: BoxDecoration(
17         borderRadius: BorderRadius.circular(20),
18         gradient: new LinearGradient(
19           colors: [
20             Color(0xFFFFF422C),
```

Editar el archivo `details_container.dart` ..2

```
21      Color(0xFFFF9003),
22    ],
23    begin: Alignment.centerLeft,
24    end: Alignment.centerRight,
25    stops: [0.25, 0.90],
26  ), // LinearGradient
27  boxShadow: [
28    BoxShadow(
29      color: Color(0xFF101012),
30      offset: Offset(-12, 12),
31      blurRadius: 8,
32    ), // BoxShadow
33  ],
34  ), // BoxDecoration
35  alignment: Alignment.centerLeft, //to align it
36  padding: EdgeInsets.all(20),
37  child: Column(
38    mainAxisAlignment: MainAxisAlignment.start,
39    children: [
40      Text('Nombre: ',
```

Editar el archivo `details_container.dart` ..3

```
40      Text('Nombre: ',
41          style: TextStyle(
42              fontSize: 25,
43              color: Colors.white,
44              fontWeight: FontWeight.bold,
45              fontStyle: FontStyle.normal,
46          )), // TextStyle // Text
47      SizedBox(height: 15),
48      Center(
49          child: Text('$nom ',
50              style: TextStyle(
51                  fontSize: 25,
52                  color: Colors.white,
53                  fontWeight: FontWeight.w200,
54                  fontStyle: FontStyle.italic,
55              )), // TextStyle // Text
56      ), // Center
57      SizedBox(height: 25),
58      Text(
59          'Genero: ',
```

Editar el archivo `details_container.dart` ..4

```
59         'Genero: ',
60         style: TextStyle(
61           fontSize: 25,
62           color: Colors.white,
63           fontStyle: FontStyle.normal,
64         ), // TextStyle
65       ), // Text
66       SizedBox(height: 15),
67       Center(
68         child: Text('$sexo ',
69           style: TextStyle(
70             fontSize: 25,
71             color: Colors.white,
72             fontWeight: FontWeight.w200,
73             fontStyle: FontStyle.italic,
74           )), // TextStyle // Text
75       ), // Center
76     ],
77   ), // Column
78 ); // Container
```

```
75         ), // Center
76       ],
77     ), // Column
78   ); // Container
79 }
80 }
81
```

Editar el archivo `head_container.dart` ..1

Aquí generaremos un Widget para estarlo utilizando en el `details_page.dart`

```
1  import 'package:flutter/material.dart';
2
3  // ignore: must_be_immutable
4  class MyHeadContainer extends StatelessWidget {
5    String? imagerec;
6
7    MyHeadContainer({this.imagerec});
8
9    @override
10   Widget build(BuildContext context) {
11     return Container(
12       margin: EdgeInsets.only(
13         top: 30, left: 30, right: 30, bottom: 15),
14       height: 160,
15       width: 250,
16       decoration: BoxDecoration(
17         borderRadius: BorderRadius.circular(20),
18         gradient: new LinearGradient(
19           colors: [
20             Color(0xFFFFF422C),
21             Color(0xFFFF9003),
22           ],
23           begin: Alignment.centerLeft,
24           end: Alignment.centerRight,
25           stops: [0.25, 0.90],
26         ), // LinearGradient
```

Editar el archivo `head_container.dart` ..2

```
26      ), // LinearGradient
27      boxShadow: [
28        BoxShadow(
29          color: Color(0xFF101012),
30          offset: Offset(-12, 12),
31          blurRadius: 8,
32        ), // BoxShadow
33      ],
34    ), // BoxDecoration
35    alignment: Alignment.centerLeft, //to align i
36    padding: EdgeInsets.all(10),
37    child: Center(
38      child: ClipRRect(
39        borderRadius: BorderRadius.circular(15),
40        child: Image.network(
41          imagerecl!,
42          width: double.infinity,
43          height: double.infinity,
44        ), // Image.network
45      ), // ClipRRect
46    ), // Center
47  ); // Container
48  }
49 }
```

Editar el archivo `list_tile.dart` ..1

Aquí generaremos un Widget para estarlo utilizando en el `details_page.dart`

```
1  import 'package:flutter/material.dart';
2  import 'package:practica_19v2/src/details_page.dart';
3
4  // ignore: must_be_immutable
5  class MyListTile extends StatelessWidget {
6    var titulo;
7    var subtitulo;
8    String? imagenfin;
9
10   MyListTile({this.titulo, this.subtitulo, this.imagenfin});
11
12   @override
13   Widget build(BuildContext context) {
14     return Container(
15       width: double.infinity,
16       height: 100,
17       margin: EdgeInsets.only(left: 15, right: 10, top: 15),
18       decoration: BoxDecoration(
19         borderRadius: BorderRadius.circular(20),
20         gradient: new LinearGradient(
21           colors: [
22             Color(0xFFFFF422C),
23             Color(0xFFFFF9003),
24           ],
25           begin: Alignment.centerLeft,
26           end: Alignment.centerRight,
```

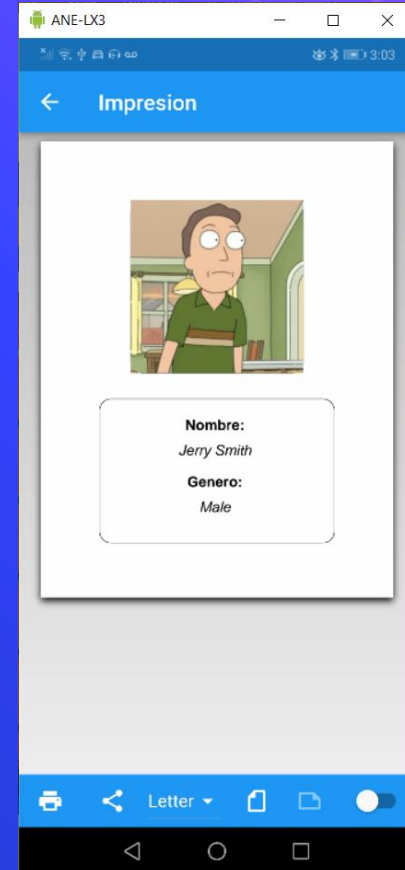
Editar el archivo `list_tile.dart` ..2

```
26         end: Alignment.centerRight,  
27         stops: [0.25, 0.90],  
28     ), // LinearGradient  
29     boxShadow: [  
30         BoxShadow(  
31             color: Color(0xFF101012),  
32             offset: Offset(-12, 12),  
33             blurRadius: 8,  
34         ), // BoxShadow  
35     ],  
36 ), // BoxDecoration  
37 alignment: Alignment.centerLeft, //to align its child  
38 padding: EdgeInsets.all(10),  
39 child: ListTile(  
40     tileColor: Color(0xFF272A3C),  
41     title: Text(titulo),  
42     subtitle: Text(subtitulo),  
43     trailing: ClipRRect(  
44         borderRadius: BorderRadius.circular(5),  
45         child: Image.network(imagenfin!),  
46     ), // ClipRRect  
47     onTap: () {  
48         Navigator.push(  
49             context,  
50             MaterialPageRoute(
```


Editar el archivo `list_tile.dart` ..3

```
47         onTap: () {
48             Navigator.push(
49                 context,
50                 MaterialPageRoute(
51                     builder: (context) => DetailsPage(
52                         datosName: titulo,
53                         datosGender: subtitulo,
54                         datosImage: imagenfin))); // Deta
55         }), // ListTile
56     ); // Container
57 }
58 }
```

Resultado Final de la practica



```
import 'dart:convert';
import 'package:flutter/material.dart';
import 'package:http/http.dart';
import 'package:practica_19v2/ui/list_tile.dart';

// ignore: must_be_immutable
class ListViewPage extends StatelessWidget {
  var datos;

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('Practica 19 - API'),
        centerTitle: true,
        backgroundColor: Color(0xFFFFF42C),
      ),
      body: FutureBuilder(
        future: _llamarURL(),
        initialState: [],
        builder: (BuildContext context, AsyncSnapshot<List> snapshot) {
          try {
            return ListView.builder(
              itemCount: snapshot.data!.length,
              itemBuilder: (BuildContext context, int index) {
                var datos = snapshot.data![index];

                return MyListTile(
                  titulo: datos['name'],
                  subtítulo: datos['gender'],
                  imagenfin: datos['image'],
                );
              },
            );
          } catch (exc) {
            return Center(child: CircularProgressIndicator());
          }
        },
      ),
    );
  }

  Future<List> _llamarURL() async {
    var url =
      "https://rickandmortyapi.com/api/character/1,2,3,4,5,6,7,8,9,10,20,183";

    final respuesta = await get(Uri.parse(url));
    final _respuestajson = json.decode(respuesta.body);

    return _respuestajson;
  }
}
```

```
import 'package:flutter/material.dart';
import 'package:image_downloader/image_downloader.dart';
import 'package:practica_19v2/src/pdf_preview.dart';
import 'package:practica_19v2/ui/details_container.dart';
import 'package:practica_19v2/ui/head_container.dart';

// ignore: must_be_immutable
class DetailsPage extends StatelessWidget {
  var datosName;
  var datosGender;
  String? datosImage;
  String? _path;

  DetailsPage({
    this.datosName,
    this.datosGender,
    this.datosImage,
  });

  @override
  Widget build(BuildContext context) {
    // print('DATOS: --> \n --> $datosName --> \n $datosGender ');
    return Scaffold(
      appBar: AppBar(
        title: Text(datosName + ' Details'),
        backgroundColor: Color(0xFFFF422C),
        centerTitle: true,
        elevation: 0,
      ),
      body: Container(
        color: Color(0xFF72A3C),
        width: double.infinity,
        height: double.infinity,
        alignment: Alignment.topCenter,
        child: Column(
          children: [
            MyHeadContainer(imagerec: datosImage),
            MyDetailContainer(nom: datosName, sexo: datosGender),
          ],
        ),
      ),
      floatingActionButton: FloatingActionButton(
        backgroundColor: Color(0xFFFF422C),
        child: Icon(Icons.print_outlined),
        onPressed: () {
          _downloadImage();

          Future.delayed(
            Duration(milliseconds: 3000),
            () => Navigator.push(
              context,
              MaterialPageRoute(
                builder: (context) => PdfPage(
                  nombre: datosName,
                  genero: datosGender,
                  imagenurl: _path,
                )),
            );
        },
      ),
    );
  }

  _downloadImage() async {
    try {
      String? imageId = await ImageDownloader.downloadImage(datosImage!);
      _path = await ImageDownloader.findPath(imageId!);
      // print('Path: $_path');
      // print('Imagen descargada');
    } catch (error) {
      print(error);
    }
  }
}
```


Anexos details_container.dart

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

// ignore: must_be_immutable
class MyHeadContainer extends StatelessWidget {
  String? imagerec;

  MyHeadContainer({this.imagerec});

  @override
  Widget build(BuildContext context) {
    return Container(
      margin: EdgeInsets.only(
        top: 30, left: 30, right: 30, bottom: 15), //EdgeInsets.all(30),
      height: 160,
      width: 250,
      decoration: BoxDecoration(
        borderRadius: BorderRadius.circular(20),
        gradient: new LinearGradient(
          colors: [
            Color(0xFFFFF42C),
            Color(0xFFFF9003),
          ],
          begin: Alignment.centerLeft,
          end: Alignment.centerRight,
          stops: [0.25, 0.90],
        ),
      ),
      boxShadow: [
        BoxShadow(
          color: Color(0xFF101012),
          offset: Offset(-12, 12),
          blurRadius: 8,
        ),
      ],
    ),
    alignment: Alignment.centerLeft, //to align its child
    padding: EdgeInsets.all(10),
    child: Center(
      child: ClipRRect(
        borderRadius: BorderRadius.circular(15),
        child: Image.network(
          imagerec!,
          width: double.infinity,
          height: double.infinity,
        ),
      ),
    ),
  );
}
```

Anexos list_tile.dart

```
import 'package:flutter/material.dart';
import 'package:practica_19v2/src/details_page.dart';

// ignore: must_be_immutable
class MyListTile extends StatelessWidget {
  var titulo;
  var subtítulo;
  String? imagenfin;

  MyListTile({this.titulo, this.subtítulo, this.imagenfin});

  @override
  Widget build(BuildContext context) {
    return Container(
      width: double.infinity,
      height: 100,
      margin: EdgeInsets.only(left: 15, right: 10, top: 15),
      decoration: BoxDecoration(
        borderRadius: BorderRadius.circular(20),
        gradient: new LinearGradient(
          colors: [
            Color(0xFFFFF422C),
            Color(0xFFFF9003),
          ],
          begin: Alignment.centerLeft,
          end: Alignment.centerRight,
          stops: [0.25, 0.90],
        ),
      ),
      boxShadow: [
        BoxShadow(
          color: Color(0xFF101012),
          offset: Offset(-12, 12),
          blurRadius: 8,
        ),
      ],
      alignment: Alignment.centerLeft, //to align its child
      padding: EdgeInsets.all(10),
      child: ListTile(
        tileColor: Color(0xFF272A3C),
        title: Text(titulo),
        subtitle: Text(subtítulo),
        trailing: ClipRect(
          borderRadius: BorderRadius.circular(5),
          child: Image.network(imagenfin!),
        ),
        onTap: () {
          Navigator.push(
            context,
            MaterialPageRoute(
              builder: (context) => DetailsPage(
                datosName: titulo,
                datosGender: subtítulo,
                datosImage: imagenfin!));
        },
      ),
    );
  }
}
```