# ListView en Columna

# Android Estudio V3.0.17/Flutter

Objetivo:

F.Creación: 7-4-2018

Programa:listycol

Fuente: 1.4 esqueleto

Objetivo:

Se pretende hacer una pantalla similar a la siguiente

|  |  |
| --- | --- |
| MN PiolaModel Correo y celular | |
| Horario,el nombre de la chica y el número de estrellas | Listview que contenga foto |
|  |
|  | Botón flotante buscar |

El esqueleto se adapto del programa que viene en un inicio y se formo el esqueleto, conteniendo menu de navegación . el título de la aplicación, botón de correo , botón de celular y el botón flotante faltando el body, esto esta basado en 1.4 esqueleto

**import 'package:flutter/material.dart'**;  
  
**void** main() => runApp(**new** MyApp());  
  
**class** MyApp **extends** StatelessWidget {  
 *// This widget is the root of your application.* @override  
 Widget build(BuildContext context) {  
 **return new** MaterialApp(  
 title: **'Flutter Demo'**,  
 theme: **new** ThemeData(  
 *// This is the theme of your application.  
 //  
 // Try running your application with "flutter run". You'll see the  
 // application has a blue toolbar. Then, without quitting the app, try  
 // changing the primarySwatch below to Colors.green and then invoke  
 // "hot reload" (press "r" in the console where you ran "flutter run",  
 // or press Run > Flutter Hot Reload in IntelliJ). Notice that the  
 // counter didn't reset back to zero; the application is not restarted.* primarySwatch: Colors.*blue*,  
 ),  
 home: **new** MyHomePage(title: **'PiolaModel'**),  
 );  
 }  
}  
  
**class** MyHomePage **extends** StatefulWidget {  
 MyHomePage({Key key, **this**.**title**}) : **super**(key: key);  
  
 *// This widget is the home page of your application. It is stateful, meaning  
 // that it has a State object (defined below) that contains fields that affect  
 // how it looks.  
  
 // This class is the configuration for the state. It holds the values (in this  
 // case the title) provided by the parent (in this case the App widget) and  
 // used by the build method of the State. Fields in a Widget subclass are  
 // always marked "final".* **final** String **title**;  
  
 @override  
 \_MyHomePageState createState() => **new** \_MyHomePageState();  
}  
  
**class** \_MyHomePageState **extends** State<MyHomePage> {  
 int **\_counter** = 0;  
  
 **void** \_incrementCounter() {  
 setState(() {  
 *// This call to setState tells the Flutter framework that something has  
 // changed in this State, which causes it to rerun the build method below  
 // so that the display can reflect the updated values. If we changed  
 // \_counter without calling setState(), then the build method would not be  
 // called again, and so nothing would appear to happen.* **\_counter**++;  
 });  
 }  
  
 @override  
 Widget build(BuildContext context) {  
 *// This method is rerun every time setState is called, for instance as done  
 // by the \_incrementCounter method above.  
 //  
 // The Flutter framework has been optimized to make rerunning build methods  
 // fast, so that you can just rebuild anything that needs updating rather  
 // than having to individually change instances of widgets.* **return new** Scaffold(  
 appBar: **new** AppBar(  
 leading: **new** IconButton(  
 icon: **new** Icon(Icons.*menu*),  
 tooltip: **'Navegación'**,  
 onPressed: **null**,  
 ),  
 title: **new** Text(**widget**.**title**),  
 actions: <Widget>[  
 **new** IconButton(  
 icon: **new** Icon(Icons.*mail*),  
 tooltip: **'Mail'**,  
 onPressed: **null**,  
 ),  
  
 **new** IconButton(  
 icon: **new** Icon(Icons.*call*),  
 tooltip: **'Celular'**,  
 onPressed: **null**,  
 ),  
 ],  
  
  
 ),  
  
 body: **new** Text(**"aca vamos"**),  
  
 floatingActionButton: **new** FloatingActionButton(  
 onPressed: **null**,  
 tooltip: **'Buscar'**,  
 child: **new** Icon(Icons.*find\_in\_page*),  
 ), *// This trailing comma makes auto-formatting nicer for build methods.* );  
 }  
}

El body debe contener dos columnas, una para poner la card con el texto y en la otra columna el listview

El body simplemente tira una lista de chicas donde cada una es una card.

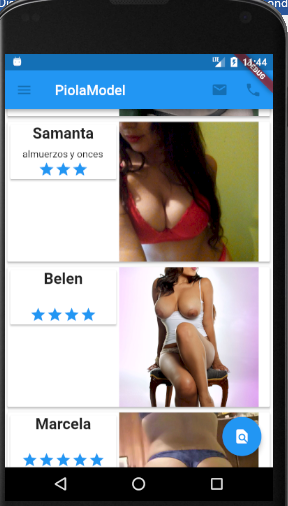
**static** Widget *body*(){  
 **return new** Center(  
 child: **new** ListView(  
 children: *\_listaChicas*(),  
 ),  
 );

El trabajo estaría en la lista de chicas, con una card

**static** List<Container> *\_listaChicas*() {  
 List<Chica> list = [  
 **new** Chica(**"imagenes/chica1.jpg"**,**"alejandra"**,0,**"Desde las 17 horas"**),  
  
 **new** Chica(**"imagenes/chica2.jpg"**,**"Alicia"**,3,**"Noches solamente"**),  
 **new** Chica(**"imagenes/chica3.PNG"**,**"Javiera"**,4,**"Full"**),  
 **new** Chica(**"imagenes/chica4.jpg"**,**"Samanta"**,3,**"almuerzos y onces"**),  
 **new** Chica(**"imagenes/chica5.jpg"**,**"Belen"**,4,**""**),  
 **new** Chica(**"imagenes/chica6.png"**,**"Marcela"**,5,**""**),  
 **new** Chica(**"imagenes/chica7.png"**,**"Laura"**,2,**""**)];  
  
 List<Container> lista2 = **new** List();  
 **for** (Chica c **in** list) {  
  
  
 Widget w = **new** Card(  
 child: **new** Row(  
 crossAxisAlignment: CrossAxisAlignment.**start**,  
 children: [  
 **new** Container(  
 width: 160.0,  
 child: **new** Card(  
 child: **new** Column(  
 children:[  
 *titulo*(c.**nombre**),  
 **new** Text(c.**horario**),  
 *estrellas*(c.**\_estrellas**),  
 ]  
 ),  
 ),  
 ),  
 **new** Image.asset(  
 c.**foto**,  
 width: 200.0,  
 height: 200.0,  
 fit: BoxFit.**cover**,  
 ),  
  
 **new** Divider(),  
 ],  
 ));

lista2.add(**new** Container(child: w));  
 }  
  
  
 **return** lista2;  
}

## Código completo



**import 'package:flutter/material.dart'**;  
  
**void** main() => runApp(**new** MyApp());  
  
**class** MyApp **extends** StatelessWidget {  
 *// This widget is the root of your application.* @override  
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 // "hot reload" (press "r" in the console where you ran "flutter run",  
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 ),  
 home: **new** MyHomePage(title: **'PiolaModel'**),  
 );  
 }  
}  
  
**class** MyHomePage **extends** StatefulWidget {  
 MyHomePage({Key key, **this**.**title**}) : **super**(key: key);  
  
 *// This widget is the home page of your application. It is stateful, meaning  
 // that it has a State object (defined below) that contains fields that affect  
 // how it looks.  
  
 // This class is the configuration for the state. It holds the values (in this  
 // case the title) provided by the parent (in this case the App widget) and  
 // used by the build method of the State. Fields in a Widget subclass are  
 // always marked "final".* **final** String **title**;  
  
 @override  
 \_MyHomePageState createState() => **new** \_MyHomePageState();  
}  
  
**class** Chica{  
 String **\_foto**;  
 String **\_nombre**;  
 int **\_estrellas**;  
 String **\_horario**;  
  
  
 Chica(**this**.**\_foto**, **this**.**\_nombre**, **this**.**\_estrellas**,**this**.**\_horario**);  
  
 int **get estrellas** => **\_estrellas**;  
  
 String **get nombre** => **\_nombre**;  
  
 String **get foto** => **\_foto**;  
  
 String **get horario**=> **\_horario**;  
  
  
}  
  
**class** \_MyHomePageState **extends** State<MyHomePage> {  
 int **\_counter** = 0;  
  
 **void** \_incrementCounter() {  
 setState(() {  
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 // changed in this State, which causes it to rerun the build method below  
 // so that the display can reflect the updated values. If we changed  
 // \_counter without calling setState(), then the build method would not be  
 // called again, and so nothing would appear to happen.* **\_counter**++;  
 });  
 }  
  
 **static** Widget *texto*(String linea){  
  
 **return new** Expanded(  
 child: **new** Container(  
 decoration: **new** BoxDecoration(  
 color:Colors.*green*,  
 border: **new** Border.all(width: 10.0, color: Colors.*lightBlueAccent*),  
 borderRadius: **const** BorderRadius.all(**const** Radius.circular(8.0)),  
 ),  
 margin: **const** EdgeInsets.all(4.0),  
 child: **new** Text(linea,  
 style: **new** TextStyle(fontSize: 12.0,),  
 ),  
 ),  
 );  
  
 }  
 **static** Container *titulo* (String linea){  
 **return new** Container(  
 padding: **const** EdgeInsets.only(bottom: 8.0),  
 child: **new** Text(  
 linea,  
 style: **new** TextStyle(  
 fontSize: 22.0,  
 fontWeight: FontWeight.*bold*,  
 ),  
 ),  
 );  
 }  
 **static** Container *estrellas*(int nE) {  
 List<Icon> lista = **new** List();  
 lista.**length**=0;  
 **for**(int i=0;i<nE;i++){  
 lista.add( **new** Icon(Icons.*star*, color: Colors.*blue*));  
 }  
  
 **return new** Container(  
 padding: **new** EdgeInsets.all(2.0),  
 child: **new** Row(  
 mainAxisAlignment: MainAxisAlignment.**spaceEvenly**,  
 children: [  
 **new** Row(  
 mainAxisSize: MainAxisSize.**min**,  
 children: lista,  
 ),  
 ],  
 ),  
 );  
  
}  
  
 **static** List<Container> *\_listaChicas*() {  
 List<Chica> list = [  
 **new** Chica(**"imagenes/chica1.jpg"**,**"alejandra"**,0,**"Desde las 17 horas"**),  
  
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 fit: BoxFit.**cover**,  
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 **new** Divider(),  
 ],  
 ));  
  
 lista2.add(**new** Container(child: w));  
 }  
  
  
  
  
  
  
 **return** lista2;  
 }  
  
  
  
 **static** Widget *body*(){  
 **return new** Center(  
 child: **new** ListView(  
 children: *\_listaChicas*(),  
 ),  
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 **new** IconButton(  
 icon: **new** Icon(Icons.*call*),  
 tooltip: **'Celular'**,  
 onPressed: **null**,  
 ),  
 ],  
  
  
 ),  
  
 body: *body*(), *///////////---->aca cuerpo* floatingActionButton: **new** FloatingActionButton(  
 onPressed: **null**,  
 tooltip: **'Buscar'**,  
 child: **new** Icon(Icons.*find\_in\_page*),  
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