main.dart

```dart
1   import 'package:flutter/material.dart';
2   import 'package:mixtigrameli/Screen/HomePage.dart';
3   import 'package:mixtigrameli/Screen/ProfilePage.dart';
4
```

mixtigrameli

```dart
5   void main() => runApp(new MyApp());
6
7   class MyApp extends StatelessWidget {
8     @override
9     Widget build(BuildContext context) {
10      return new MaterialApp(
11        theme: new ThemeData.dark(), //imposto un tema
scuro per tutta la APP
12        debugShowCheckedModeBanner: false,
13        initialRoute: '/',
14        routes: {
15          '/': (context) => HomePage(),
16          '/profilePage': (context) => ProfilePage(),
17        },
18      );
19    }
20  }
21
```

HomePage.dart

```dart
1   import 'package:flutter/material.dart';
2   import 'package:mixtigrameli/Model/ListaFoto.dart';
3
4   List<dynamic> _foto = foto;
5
6   // trucco per avere le foto fino a 100 --> _foto[index
% _foto.length]
7
8   class HomePage extends StatelessWidget {
9     @override
10    Widget build(BuildContext context) {
11      return new Scaffold(
12        body: new CustomScrollView(
13          slivers: [
```

```
14              appBar(),
15              listContact(context),
16            ],
17          ),
18        );
19      }
20    }
21
22    Widget appBar() => new SliverAppBar(
23          floating: true,
24          snap: true,
25          leading: new IconButton(icon: new
Icon(Icons.dehaze), onPressed: () {}),
26          title: new Text("MixTIgramELI"),
27          centerTitle: false,
28          actions: [
29            new IconButton(
30              icon: new Icon(Icons.search),
31              onPressed: () => print('cerca'),
32            )
33          ],
34        );
35
36    Widget listContact(BuildContext context) => new
SliverList(
37          delegate: new SliverChildBuilderDelegate(
38          (context, index) => pannelloContatto(context,
index),
39          childCount: 100,
40        ));
41
42    Widget pannelloContatto(BuildContext context, int
index) => new ListTile(
43          onTap: () => Navigator.pushNamed(context, "/
profilePage"),
44          leading: new CircleAvatar(
45            radius: 25,
46            backgroundColor: Colors.transparent,
47            backgroundImage: new NetworkImage(_foto[index
% _foto.length]['url']),
48          ),
49          title: new Text(_foto[index % _foto.length]
['name']),
50          subtitle: new Text(_foto[index % _foto.length]
['subtitle']),
51          trailing: new Text(
52            "3 days ago",
```

```
53          style: new TextStyle(fontSize: 12, color:
Colors.grey.shade400),
54          ),
55        );
56
```

ProfilePage.dart

```
1    import 'package:flutter/material.dart';
2    import 'package:mixtigrameli/Model/ListaFoto.dart';
3
4    List<dynamic> _y = foto;
5
6    class ProfilePage extends StatelessWidget {
7      @override
8      Widget build(BuildContext context) {
9        return new Scaffold(
10          body: new CustomScrollView(
11            slivers: [
12              appBarProfile(context),
13              spazioTitolo(title: 'My photo'),
14              grigliaImmagini(),
15              spazioTitolo(title: 'Contatti Social'),
16              listaSocial(),
17            ],
18          ),
19        );
20      }
21    }
22
23    Widget appBarProfile(BuildContext context) => new
SliverAppBar(
24        leading: new IconButton(
25            icon: new Icon(Icons.arrow_back),
26            onPressed: () => Navigator.pop(context)),
27        title: new Text('Cleffy'),
28        centerTitle: false,
29        expandedHeight: 350,
30        flexibleSpace: new FlexibleSpaceBar(
31          background: new Image.asset(
32            "Immagini/xx.jpg",
33            fit: BoxFit.cover,
34          ),
35        ),
36        /*flexibleSpace: new
FlexibleSpaceBar(background: new Image.network
37        ("https://picsum.photos/id/1062/200/200", fit:
BoxFit.cover,),),*/
```

```
38          );
39
40     Widget spazioTitolo({@required String title}) {
41       return new SliverPadding(
42           padding: EdgeInsets.fromLTRB(16, 30, 16, 20),
43           sliver: new SliverToBoxAdapter(
44             child: new Text(
45               title,
46               style: new TextStyle(fontSize: 18,
fontWeight: FontWeight.bold),
47             ),
48           ));
49     }
50
51     Widget grigliaImmagini() => new SliverPadding(
52         padding: EdgeInsets.symmetric(horizontal: 10),
53         sliver: new SliverGrid.count(
54             crossAxisCount: 3,
55             mainAxisSpacing: 5,
56             crossAxisSpacing: 5,
57             children: List.generate(18, (index) =>
contenitoreFoto(index))));
58
59     /*new SliverGrid(
60         gridDelegate: new
SliverGridDelegateWithFixedCrossAxisCount(
61           crossAxisCount: 3, // numero di elementi per
riga
62           mainAxisSpacing: 3, // spazio tra elementi in
riga
63           crossAxisSpacing: 3, //spazio tra elementi in
colonna
64           childAspectRatio: 1, //lunghezza e larghezza),
65         ),
66         delegate: new
SliverChildListDelegate(List.generate(
67           100,
68     */ /* poteva essere scritto anche in questo modo*/ /*
69     */ /*oppure*/ /*
70     //y?.length ?? 0, nel caso y == null settare zero come
lista
71         (index) => new Container(
72               decoration: new BoxDecoration(
73                 image: new DecorationImage(
74                   image: new NetworkImage(_y[index
% _y.length]["url"]),
75                   fit: BoxFit.cover)),
```

```
76              ))));*/
77  Widget contenitoreFoto(int index) => Container(
78      decoration: new BoxDecoration(
79          image: new DecorationImage(
80              image: new NetworkImage(_y[index %
_y.length]["url"]),
81              fit: BoxFit.cover)));
82
83  Widget listaSocial() {
84      return new SliverSafeArea(
85          top: false,
86          minimum: EdgeInsets.symmetric(horizontal: 10),
87          sliver: new SliverList(
88              delegate: new SliverChildListDelegate([
89          contactButton(nome: "Instagram", color:
Colors.deepPurpleAccent),
90          contactButton(nome: "Facebook", color:
Colors.indigo),
91          contactButton(nome: "Twitter", color:
Colors.blue),
92          ])));
93  }
94
95  Widget contactButton({@required String nome, @required
Color color}) {
96      return new MaterialButton(
97          textColor: Colors.white,
98          height: 40,
99          color: color,
100         onPressed: () {},
101         shape: new RoundedRectangleBorder(
102             borderRadius: new BorderRadius.circular(5),
103         ),
104         child: new Text(nome),
105     );
106 }
107
```

ListaFoto.dart

```
1   List<dynamic> foto = [
2     {
3       'url': 'https://picsum.photos/id/1062/200/200',
4       'name': 'Cleffy',
5       'subtitle': 'lorema sndjfdf dmfksdnfj fdsf...'
6     },
```

```
 7        {
 8            'url': "https://picsum.photos/id/200/200/200",
 9            'name': 'Ted',
10            'subtitle': 'lorema sndjfdf dmfksdnfj fdsf...'
11        },
12        {
13            'url': "https://picsum.photos/id/1084/200/200",
14            'name': 'Meril',
15            'subtitle': 'lorema sndjfdf dmfksdnfj fdsf...'
16        },
17        {
18            'url': "https://picsum.photos/id/1074/200/200",
19            'name': 'Fuffy',
20            'subtitle': 'lorema snfgdfgfdjfdf dmfksdnfj
fdsf...'
21        },
22        {
23            'url': "https://picsum.photos/id/219/200/200",
24            'name': 'MArio',
25            'subtitle': 'lorema sndjfdf dmfksdnfj fdsf...'
26        },
27        {
28            'url': "https://picsum.photos/id/244/200/200",
29            'name': 'Rin',
30            'subtitle': 'lorema sndjfdf dmfksdnfj fdsf...'
31        },
32        {
33            'url': "https://picsum.photos/id/275/200/200",
34            'name': 'Silvy',
35            'subtitle': 'lorema sndjfdf dmfksdnfj fdsf...'
36        },
37        {
38            'url': "https://picsum.photos/id/1062/200/200",
39            'name': 'Hidy',
40            'subtitle': 'lorema sndjfdf dmfksdnfj fdsf...'
41        },
42        {
43            'url': "https://picsum.photos/id/1012/200/200",
44            'name': 'Ginni',
45            'subtitle': 'lorema sndjfdf dmfksdnfj fdsf...'
46        },
47        {
48            'url': "https://picsum.photos/id/1041/200/200",
49            'name': 'Giulio',
50            'subtitle': 'lorema sndjgfjdghdfjgh dsf...'
51        },
52    ];
```