

Tugas Mandiri (Unguided)

1. Modifikasi project TP 04 (Tugas Pendahuluan) untuk Antarmuka Pengguna, yang mana di dalamnya terdapat ListView, untuk merekomendasikan beberapa tempat wisata yang ada di Banyumas disertai foto, nama wisata, dan deskripsi singkat! (buatlah se kreatif mungkin).

Sourcecode :

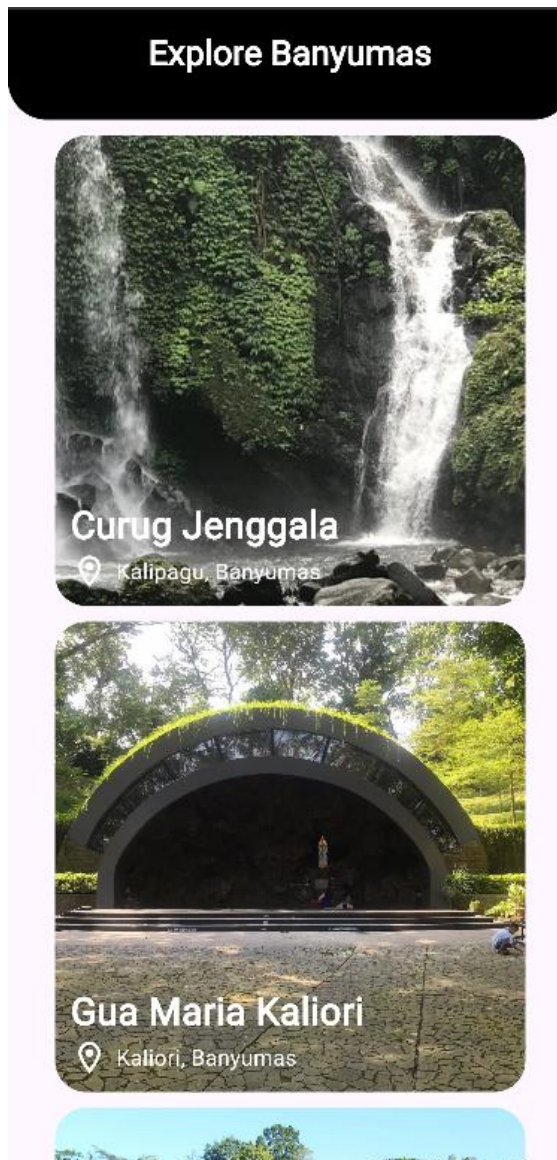
```
1 import 'package:flutter/material.dart';
2
3 void main() {
4   runApp(const list_view());
5 }
6
7 class list_view extends StatelessWidget {
8   const list_view({super.key});
9
10  @override
11  Widget build(BuildContext context) {
12    return MaterialApp(
13      debugShowCheckedModeBanner: false,
14      home: Scaffold(
15        appBar: PreferredSize(
16          preferredSize: const Size.fromHeight(70.0), // Tinggi AppBar
17          child: ClipRect(
18            borderRadius: const BorderRadius.only(
19              bottomLeft: Radius.circular(25),
20              bottomRight: Radius.circular(25),
21            ),
22            child: AppBar(
23              title: const Text('Explore Banyumas',
24                style: TextStyle(
25                  color: Colors.white,
26                  fontWeight: FontWeight.bold,
27                ),
28              backgroundColor: Colors.black,
29              centerTitle: true,
30            ),
31          ),
32        ),
33        body: ListView(
34          padding: const EdgeInsets.all(10),
35          children: [
36            Column(
37              children: [
38                Container(
39                  height: 300,
40                  width: 300,
41                  decoration: BoxDecoration(
42                    image: const DecorationImage(
43                      image: NetworkImage(
44                        'https://dynamic-media-cdn.tripadvisor.com/media/photo-o/15/be/c9/84/curug-jenggala.jpg?w=900&h=400&s=1'),
45                      fit: BoxFit.cover,
46                    ),
47                    borderRadius: BorderRadius.circular(20),
48                  ),
49                  alignment: Alignment.bottomLeft,
50                  child: const Padding(
51                    padding: EdgeInsets.all(10),
52                    child: Column(
53                      mainAxisAlignment: MainAxisAlignment.start,
54                      crossAxisAlignment: CrossAxisAlignment.start,
55                      children: [
56                        Text(
57                          'Curug Jenggala',
58                          style: TextStyle(
59                            color: Colors.white,
60                            fontWeight: FontWeight.bold,
61                            fontSize: 24,
62                          ),
63                        ),
64                        Row(
65                          children: [
66                            Icon(
67                              Icons.location_on_outlined,
68                              color: Colors.white,
69                              weight: 40,
70                            ),
71                            SizedBox(width: 5),
72                            Text(
73                              'Kalipagu, Banyumas',
74                              style: TextStyle(
75                                color: Colors.white,
76                              ),
77                            ),
78                          ],
79                        ),
80                      ],
81                    ),
82                  ),
83                ),
84                const SizedBox(height: 10),
85                Container(
86                  height: 300,
87                  width: 300,
88                  decoration: BoxDecoration(
89                    image: const DecorationImage(
90                      image: NetworkImage(
91                        'https://dynamic-media-cdn.tripadvisor.com/media/photo-o/17/9c/3b/8f/photo2.jpg?w=1100&h=185&s=1'),
92                      fit: BoxFit.cover,
93                    ),
94                    borderRadius: BorderRadius.circular(20),
95                  ),
96                ),
97              ],
98            ),
99          ],
100        ),
101      ),
102    );
103  }
```

```

1  alignment: Alignment.bottomLeft,
2  child: const Padding(
3    padding: EdgeInsets.all(10),
4    child: Column(
5      mainAxisAlignment: MainAxisAlignment.min,
6      crossAxisAlignment: CrossAxisAlignment.start,
7      children: [
8        Text(
9          'San Maris Kallori',
10         style: TextStyle(
11           color: Colors.white,
12           fontWeight: FontWeight.bold,
13           fontSize: 14,
14         ),
15       ),
16       Row(
17         children: [
18           Icon(
19             Icons.location_on_outlined,
20             color: Colors.white,
21             weight: 40,
22           ),
23           SizedBox(width: 5),
24           Text(
25             'Kallori, Romyras',
26             style: TextStyle(
27               color: Colors.white,
28             ),
29           ),
30         ],
31       ),
32     ),
33   ),
34   ),
35   ),
36   const SizedBox(height: 10),
37   Container(
38     height: 100,
39     width: 100,
40     decoration: BoxDecoration(
41       image: const DecorationImage(
42         image: NetworkImage(
43           'https://unsplash-media-cdn.tripadvisor.com/media/photo-s/08/48/37/9d/the-haturadan-fountain.jpg?w=2000h=1461'),
44         fit: BoxFit.cover,
45       ),
46       borderRadius: BorderRadius.circular(20),
47     ),
48     alignment: Alignment.bottomLeft,
49     child: const Padding(
50       padding: EdgeInsets.all(10),
51       child: Column(
52         mainAxisAlignment: MainAxisAlignment.min,
53         crossAxisAlignment: CrossAxisAlignment.start,
54         children: [
55           Text(
56             'Haturadan',
57             style: TextStyle(
58               color: Colors.white,
59               fontWeight: FontWeight.bold,
60               fontSize: 14,
61             ),
62           ),
63           Row(
64             children: [
65               Icon(
66                 Icons.location_on_outlined,
67                 color: Colors.white,
68                 weight: 40,
69               ),
70               SizedBox(width: 5),
71               Text(
72                 'Haturadan, Romyras',
73                 style: TextStyle(
74                   color: Colors.white,
75                 ),
76               ),
77             ],
78           ),
79         ],
80       ),
81     ),
82   ),
83   const SizedBox(height: 10),
84   Container(
85     height: 100,
86     width: 100,
87     decoration: BoxDecoration(
88       image: const DecorationImage(
89         image: NetworkImage(
90           'https://unsplash-media-cdn.tripadvisor.com/media/photo-s/08/48/37/9d/the-haturadan-fountain.jpg?w=2000h=1461'),
91         fit: BoxFit.cover,
92       ),
93       borderRadius: BorderRadius.circular(20),
94     ),
95     alignment: Alignment.bottomLeft,
96     child: const Padding(
97       padding: EdgeInsets.all(10),
98       child: Column(
99         mainAxisAlignment: MainAxisAlignment.min,
100        crossAxisAlignment: CrossAxisAlignment.start,
101        children: [
102          Text(
103            'Gung Bayan',
104            style: TextStyle(
105              color: Colors.white,
106              fontWeight: FontWeight.bold,
107              fontSize: 14,
108            ),
109          ),
110          Row(
111            children: [
112              Icon(
113                Icons.location_on_outlined,
114                color: Colors.white,
115                weight: 40,
116              ),
117              SizedBox(width: 5),
118              Text(
119                'Gung Bayan, Romyras',
120                style: TextStyle(
121                  color: Colors.white,
122                ),
123              ),
124            ],
125          ),
126        ],
127      ),
128    ),
129    const SizedBox(height: 10),
130    Container(
131      height: 100,
132      width: 100,
133      decoration: BoxDecoration(
134        image: const DecorationImage(
135          image: NetworkImage(
136            'https://unsplash-media-cdn.tripadvisor.com/media/photo-s/08/48/37/9d/the-haturadan-fountain.jpg?w=2000h=1461'),
137          fit: BoxFit.cover,
138        ),
139        borderRadius: BorderRadius.circular(20),
140      ),
141      alignment: Alignment.bottomLeft,
142      child: const Padding(
143        padding: EdgeInsets.all(10),
144        child: Column(
145          mainAxisAlignment: MainAxisAlignment.min,
146          crossAxisAlignment: CrossAxisAlignment.start,
147          children: [
148            Text(
149              'Telaga Sanyi',
150              style: TextStyle(
151                color: Colors.white,
152                fontWeight: FontWeight.bold,
153                fontSize: 14,
154              ),
155            ),
156            Row(
157              children: [
158                Icon(
159                  Icons.location_on_outlined,
160                  color: Colors.white,
161                  weight: 40,
162                ),
163                SizedBox(width: 5),
164                Text(
165                  'Telaga Sanyi, Romyras',
166                  style: TextStyle(
167                    color: Colors.white,
168                  ),
169                ),
170              ],
171            ),
172          ],
173        ),
174      ),
175    ),
176    const SizedBox(height: 10),
177    Container(
178      height: 100,
179      width: 100,
180      decoration: BoxDecoration(
181        image: const DecorationImage(
182          image: NetworkImage(
183            'https://unsplash-media-cdn.tripadvisor.com/media/photo-s/08/48/37/9d/the-haturadan-fountain.jpg?w=2000h=1461'),
184          fit: BoxFit.cover,
185        ),
186        borderRadius: BorderRadius.circular(20),
187      ),
188      alignment: Alignment.bottomLeft,
189      child: const Padding(
190        padding: EdgeInsets.all(10),
191        child: Column(
192          mainAxisAlignment: MainAxisAlignment.min,
193          crossAxisAlignment: CrossAxisAlignment.start,
194          children: [
195            Text(
196              'Telaga Sanyi',
197              style: TextStyle(
198                color: Colors.white,
199                fontWeight: FontWeight.bold,
200                fontSize: 14,
201              ),
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```

Screenshoot Output :



Deskripsi Program:

Program yang dibuat ini adalah program yang menampilkan beberapa tempat-tempat wisata populer yang ada di Kabupaten Banyumas menggunakan ListView. Program ini juga menampilkan gambar, nama, serta lokasi dari tempat wisata terkait. Berikut penjelasan singkat dari kode pemrograman atau widget yang digunakan dalam pembuatan program tersebut :

1. Appbar dengan Border Radius

Program ini menggunakan appbar untuk memberi judul "Explore Banyumas". Kemudian ada penerapan `preferredSize` dan `ClipRRect`,

untuk memberikan borderradius, pada appBar juga diberi warna hitam dan fontnya diberi warna putih.

2. ListView

Digunakan untuk menampilkan tempat list tempat wisata, setiap tempat wisata ditampilkan dalam bentuk Container, didalam container terdapat NetworkImage untuk menampilkan gambar dari internet, kemudian terdapat text menampilkan nama tempat wisata, kemudian menampilkan lokasi dengan icon location_on_outlined dari Material Icons, serta teks lokasi yang ditampilkan dalam satu baris.