

# Mobil Programlama Dersi

## Rehber Uygulaması





**main.dart**

lib > main.dart > HomePage > build

Click here to ask Blackbox to help you code faster

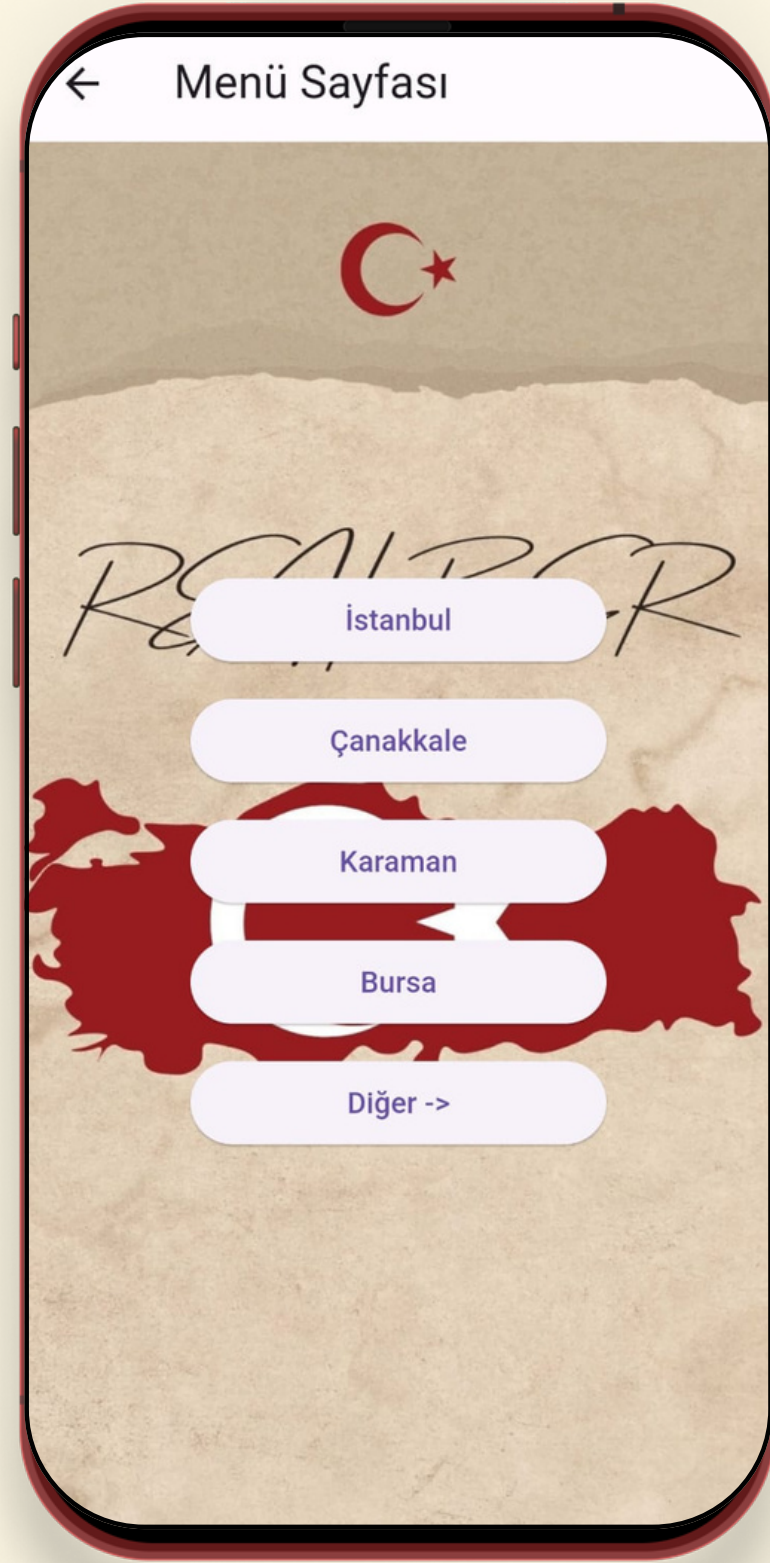
```
1 import 'package:flutter/material.dart';
2 import 'package:flutter_application_2/MenuPage.dart';
3
```

Run | Debug | Profile

```
4 void main() {
5   runApp(MyApp());
6 }
7
8 class MyApp extends StatelessWidget {
9   @override
10  Widget build(BuildContext context) {
11    return MaterialApp(
12      debugShowCheckedModeBanner: false,
13      home: HomePage(),
14    ); // MaterialApp
15  }
16 }
```

```
18 class HomePage extends StatelessWidget {
19   @override
20   Widget build(BuildContext context) {
21     return Scaffold(
22       body: Stack(
23         children: [
24           Positioned.fill(child: Image.asset("assets/mobil.jpg")),
25           Container(
26             decoration: BoxDecoration(
27               image: DecorationImage(
28                 image: AssetImage("assets/mobil.jpg"),
29                 fit: BoxFit.cover,
30               ), // DecorationImage
31             ), // BoxDecoration
32           ), // Container
33           Positioned(
34             bottom: 100,
35             left: 0,
36             right: 0,
37             child: Center(
38               child: SizedBox(
39                 width: 150,
40                 child: ElevatedButton(
41                   onPressed: () {
42                     Navigator.push(
43                       context,
44                       MaterialPageRoute(builder: (context) => MenuPage()),
45                     );
46                   },
47                   child: Text('Giris'),
48                 ), // ElevatedButton
49               ), // SizedBox
50             ), // Center
51           ), // Positioned
52         ],
53       ), // Stack
54     ); // Scaffold
55   }
56 }
```





**MenuPage.dart**

lib > MenuPage.dart > ...

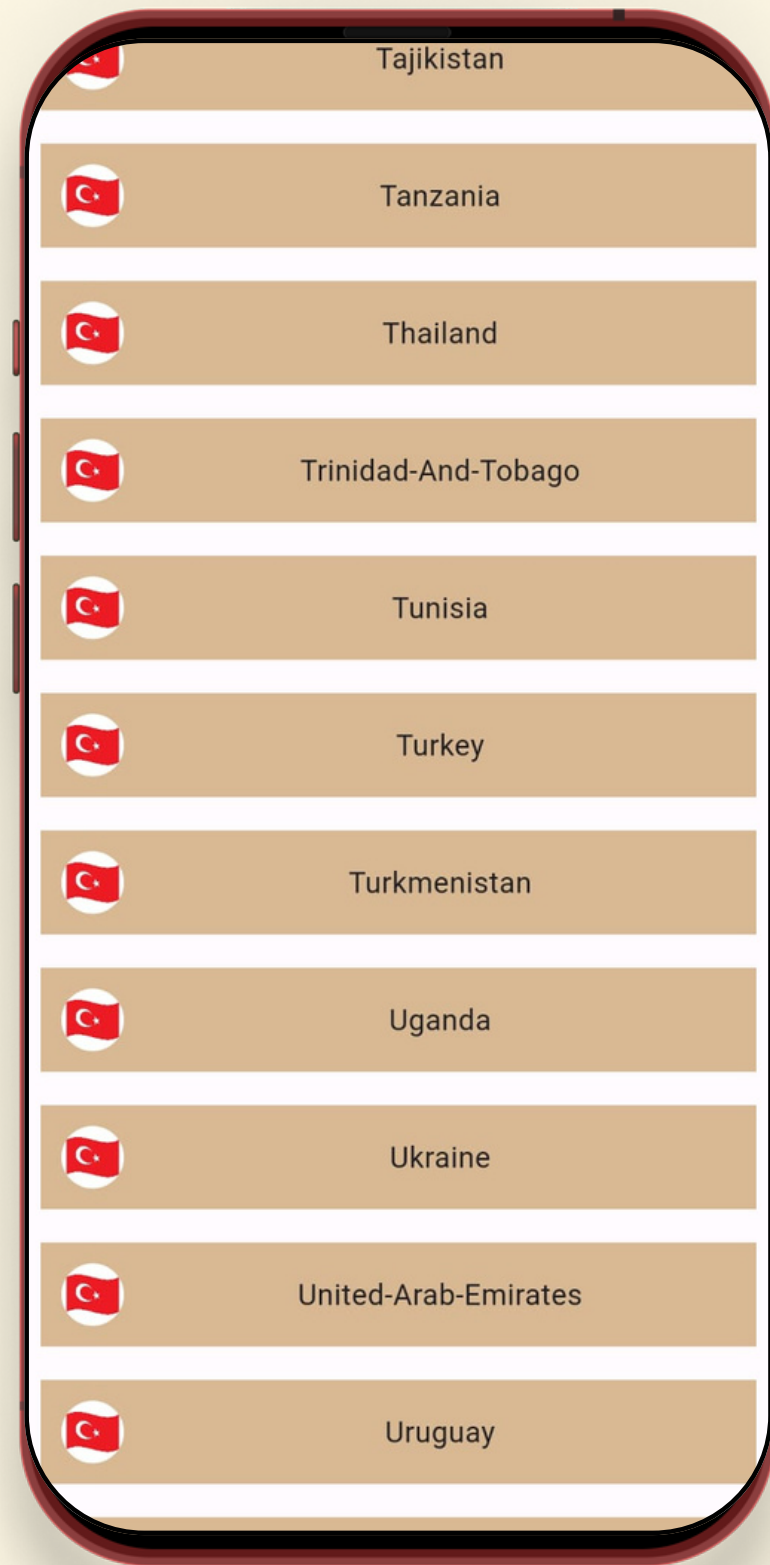
Click here to ask Blackbox to help you code faster

```
1 import 'package:flutter/material.dart';
2 import 'package:flutter_application_2/countrys_page.dart';
3 import 'istanbul_page.dart';
4 import 'canakkale_page.dart';
5 import 'karaman_page.dart';
6 import 'bursa_page.dart';
7
8 class MenuPage extends StatelessWidget {
9   @override
10   Widget build(BuildContext context) {
11     return Scaffold(
12       appBar: AppBar(
13         title: Text('Menü Sayfası'),
14       ), // AppBar
15       body: Stack(
16         fit: StackFit.expand,
17         children: [
18           Image.asset(
19             "assets/mobil.jpg",
20             fit: BoxFit.cover,
21           ), // Image.asset
22           Center(
23             child: Column(
24               mainAxisAlignment: MainAxisAlignment.center,
25               children: [
26                 SizedBox(
27                   width: 200, // İstenilen genişlik değeri
28                   child: ElevatedButton(
29                     onPressed: () {
30                       Navigator.push(
31                         context,
32                         MaterialPageRoute(builder: (context) => IstanbulPage()),
33                       );
34                     },
35                     child: Text('İstanbul'),
36                   ), // ElevatedButton
37                 ), // SizedBox
38                 SizedBox(height: 10),
39                 SizedBox(
40                   width: 200,
41                   child: ElevatedButton(
42                     onPressed: () {
43                       Navigator.push(
44                         context,
45                         MaterialPageRoute(builder: (context) => CanakkalePage()),
46                     ),
47                   ),
48                   child: Text('Canakkale'),
49                 ), // ElevatedButton
50                 ), // SizedBox
```

```
51       SizedBox(height: 10),
52       SizedBox(
53         width: 200,
54         child: ElevatedButton(
55           onPressed: () {
56             Navigator.push(
57               context,
58               MaterialPageRoute(builder: (context) => KaramanPage()),
59             );
60           },
61           child: Text('Karaman'),
62         ), // ElevatedButton
63       ), // SizedBox
64       SizedBox(height: 10),
65       SizedBox(
66         width: 200,
67         child: ElevatedButton(
68           onPressed: () {
69             Navigator.push(
70               context,
71               MaterialPageRoute(builder: (context) => BursaPage()),
72             );
73           },
74           child: Text('Bursa'),
75         ), // ElevatedButton
76       ), // SizedBox
77       SizedBox(height: 10),
78       SizedBox(
79         width: 200,
80         child: ElevatedButton(
81           onPressed: () {
82             Navigator.push(
83               context,
84               MaterialPageRoute(builder: (context) => const CountrysPage()),
85             );
86           },
87           child: Text('Diğer ->'),
88         ), // ElevatedButton
89       ), // SizedBox
90     ],
91   ), // Column
92 ), // Center
93 ],
94 ), // Stack
95 ); // Scaffold
96 }
97 }
```

# custom\_list\_view.dart

```
lib > custom_list_view.dart > CustomListView
Click here to ask Blackbox to help you code faster
1 import 'package:flutter/material.dart';
2
3 class CustomListView extends StatelessWidget {
4   const CustomListView({super.key, required this.myData, required this.onTap});
5
6   final List<String> myData;
7   final Function(int) onTap;
8
9   @override
10  Widget build(BuildContext context) {
11    return ListView.builder(
12      itemCount: myData.length,
13      itemBuilder: (context, index) {
14        return Padding(
15          padding: const EdgeInsets.all(8.0),
16          child: GestureDetector(
17            onTap: () {
18              onTap(index);
19            },
20            child: Container(
21              width: 100,
22              height: 50,
23              color: Color(0xFFD8B993),
24              child: Center(child: Text(myData[index])),
25            ), // Container
26          ), // GestureDetector
27        ); // Padding
28      },
29    ); // ListView.builder
30  }
31 }
```



**countrys\_page.dart**



# services.dart

lib > services > services.dart > Services > getData

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```
1 import 'dart:convert';
2
3 import 'package:flutter_application_2/modal/my_modal.dart';
4 import 'package:http/http.dart' as http;
5
6
7 class Services{
8
9
10 final uri=Uri.parse("https://api-football-beta.p.rapidapi.com/countries");
11 Future<MyModal?> getData()async{
12   var request= await http.get(
13     uri,
14     headers: {
15       "X-RapidAPI-Key": "91a6fd1f69msh129efe23e491f61p190f2fjsn8a7476fa1c4e",
16       "X-RapidAPI-Host": "api-football-beta.p.rapidapi.com"
17     },
18   );
19
20   if(request.statusCode==200){
21     final response=MyModal.fromJson(jsonDecode(request.body));
22     return response;
23   }else{
24     print("data null*****");
25     return null;
26   }
27 }
```

# my\_model.dart (1)

lib > modal > my\_modal.dart > Response

Click here to ask Blackbox to help you code faster

```
1 class MyModal {
2   String? get;
3   int? results;
4   Paging? paging;
5   List<Response>? response;
6
7   MyModal({this.get, this.results, this.paging, this.response});
8
9   MyModal.fromJson(Map<String, dynamic> json) {
10     get = json['get'];
11     results = json['results'];
12     paging =
13       json['paging'] != null ? new Paging.fromJson(json['paging']) : null;
14     if (json['response'] != null) {
15       response = <Response>[];
16       json['response'].forEach((v) {
17         response!.add(new Response.fromJson(v));
18       });
19     }
20   }
21
22   Map<String, dynamic> toJson() {
23     final Map<String, dynamic> data = new Map<String, dynamic>();
24     data['get'] = this.get;
25     data['results'] = this.results;
26     if (this.paging != null) {
27       data['paging'] = this.paging!.toJson();
28     }
29     if (this.response != null) {
30       data['response'] = this.response!.map((v) => v.toJson()).toList();
31     }
32     return data;
33   }
34 }
```



## my\_model.dart (2)

```
36 class Paging {
37   int? current;
38   int? total;
39
40   Paging({this.current, this.total});
41
42   Paging.fromJson(Map<String, dynamic> json) {
43     current = json['current'];
44     total = json['total'];
45   }
46
47   Map<String, dynamic> toJson() {
48     final Map<String, dynamic> data = new Map<String, dynamic>();
49     data['current'] = this.current;
50     data['total'] = this.total;
51     return data;
52   }
53 }
```

## my\_model.dart (3)


```
55 class Response {
56   String? name;
57   String? code;
58   String? flag;
59
60   Response({this.name, this.code, this.flag});
61
62   Response.fromJson(Map<String, dynamic> json) {
63     name = json['name'];
64     code = json['code'];
65     flag = json['flag'];
66   }
67
68   Map<String, dynamic> toJson() {
69     final Map<String, dynamic> data = new Map<String, dynamic>();
70     data['name'] = this.name;
71     data['code'] = this.code;
72     data['flag'] = this.flag;
73     return data;
74   }
75 }
```

**countrys\_page.dart**

```
lib > countrys_page.dart > _CountrysPageState > build
  Click here to ask Blackbox to help you code faster
1  import 'dart:developer';
2
3  import 'package:flutter/material.dart';
4  import 'package:flutter_application_2/custom_countries_list.dart';
5  import 'package:flutter_application_2/custom_list_view.dart';
6  import 'package:flutter_application_2/modal/my_modal.dart';
7  import 'package:flutter_application_2/services/services.dart';
8
9  class CountrysPage extends StatefulWidget {
10   const CountrysPage({super.key});
11
12   @override
13   State<CountrysPage> createState() => _CountrysPageState();
14 }
15
16 class _CountrysPageState extends State<CountrysPage> {
17   Services services=Services();
18   List<Response>? data=[];
19   @override
20   void initState() {
21     services.getData().then((value) => {
22       if(value!=null){
23         setState((){
24           data=value.response;
25         })
26       }
27     });
28     super.initState();
29   }
30   @override
31   Widget build(BuildContext context) {
32     return Scaffold(
33       body: Center(child: Column(
34         children: [
35           Expanded(child: CustomCountriesList(myData: data,))
36         ],
37       )), // Column // Center
38     ); // Scaffold
39   }
40 }
```

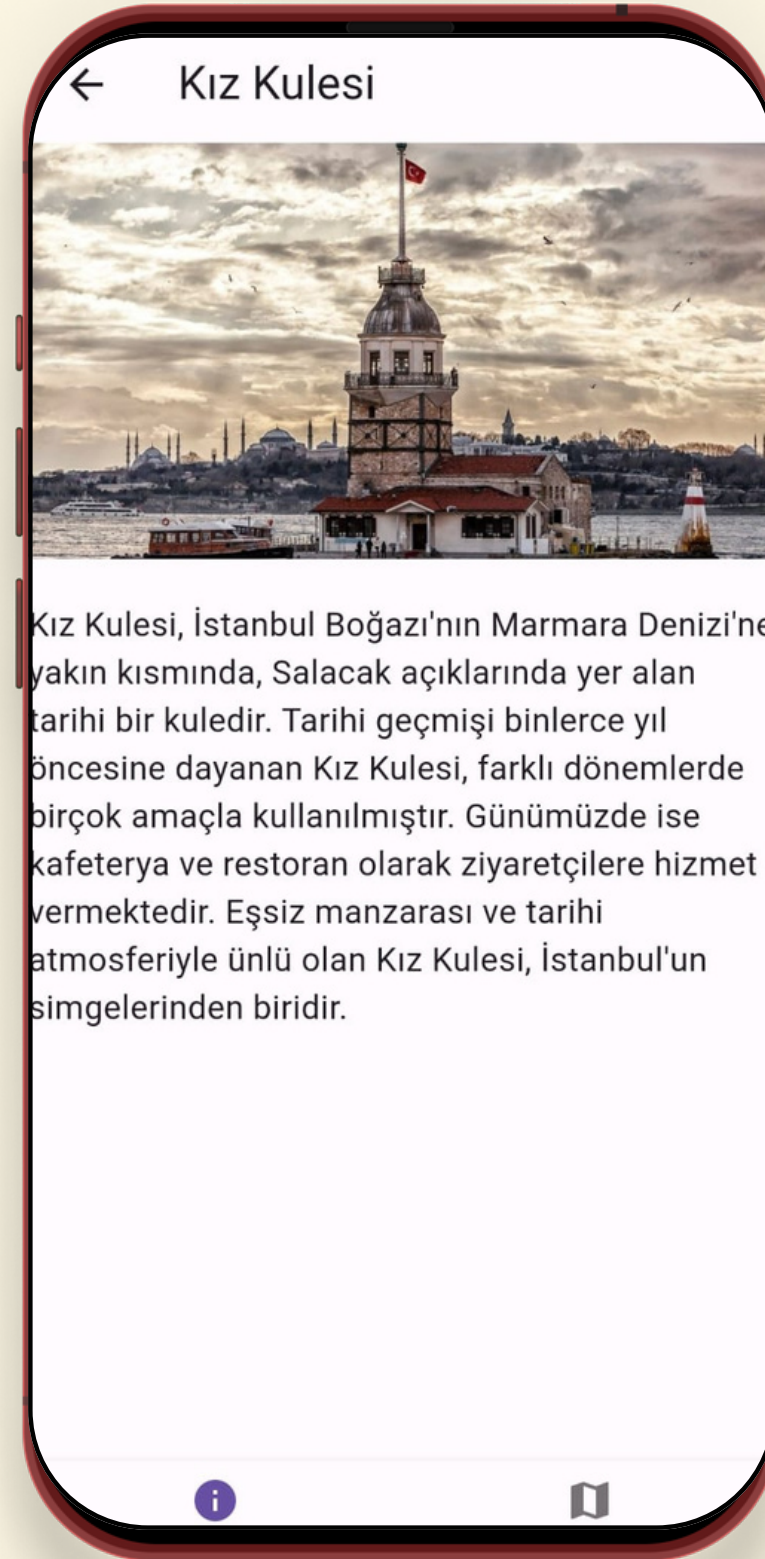
# city\_model.dart

lib >  city\_model.dart >  CityModel

 [Click here to ask Blackbox to help you code faster](#)

```
1  class CityModel {  
2      final String name;  
3      final String photoUrl;  
4      final String info;  
5      final String location;  
6  
7      CityModel(  
8          required this.name,  
9          required this.photoUrl,  
10         required this.info,  
11         required this.location,  
12     });  
13 }
```

# city\_detail\_page.dart





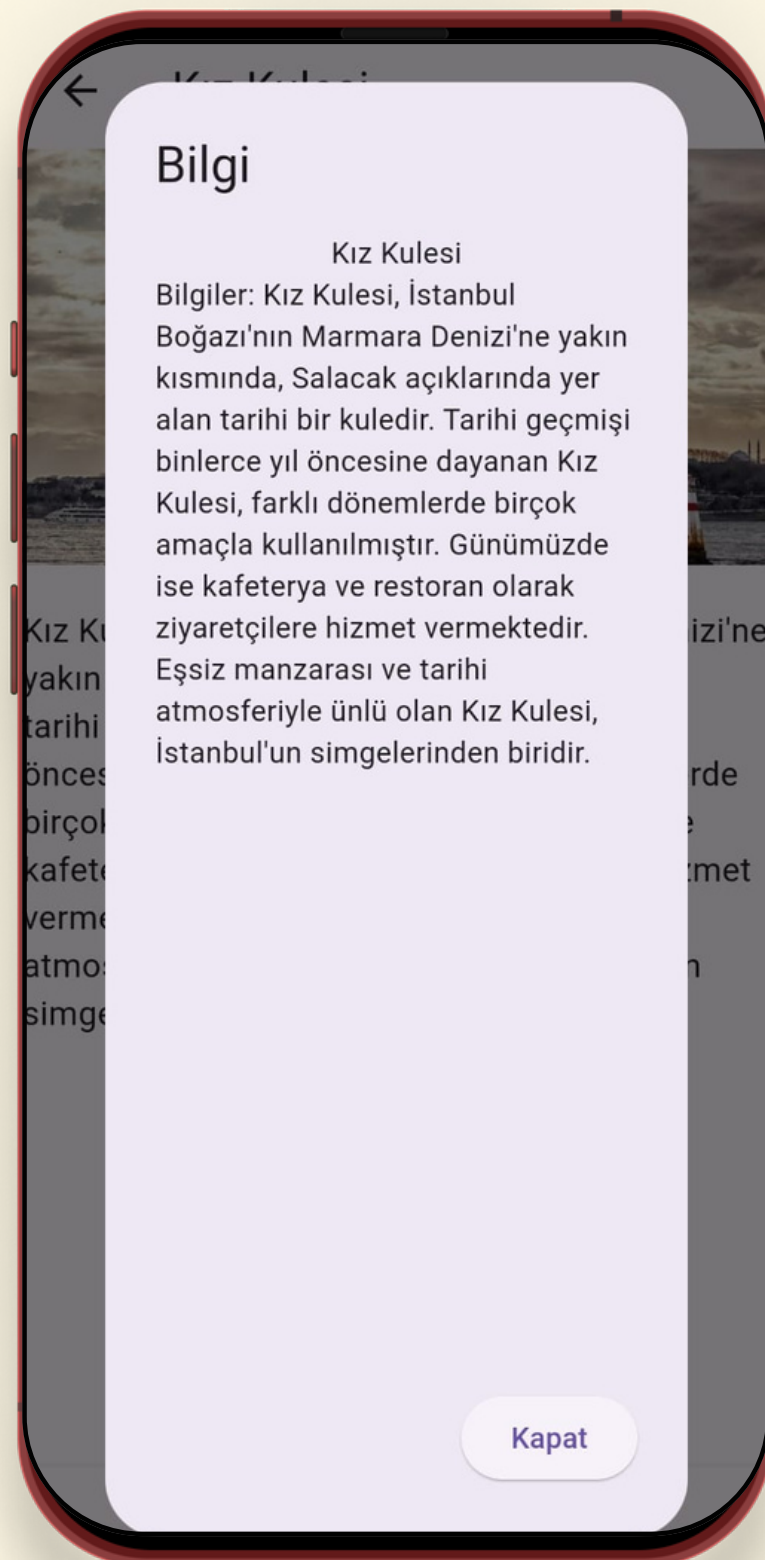
lib > city\_detail\_page.dart > CityDetailPage > build

Click here to ask Blackbox to help you code faster

```
1 import 'package:flutter/material.dart';
2 import 'package:url_launcher/url_launcher.dart';
3 import 'package:flutter_application_2/city_model.dart';
4
5 class CityDetailPage extends StatelessWidget {
6   final CityModel city;
7
8   CityDetailPage({required this.city});
9
10  @override
11  Widget build(BuildContext context) {
12    return Scaffold(
13      appBar: AppBar(
14        title: Text(city.name),
15      ), // AppBar
16      body: Column(
17        crossAxisAlignment: CrossAxisAlignment.center,
18        children: [
19          Image.network(
20            city.photoUrl,
21            height: 200,
22            width: double.infinity,
23            fit: BoxFit.cover,
24          ), // Image.network
25          SizedBox(height: 20),
26          Text(
27            city.info,
28            style: TextStyle(fontSize: 16),
29          ), // Text
30        ],
31      ), // Column
```

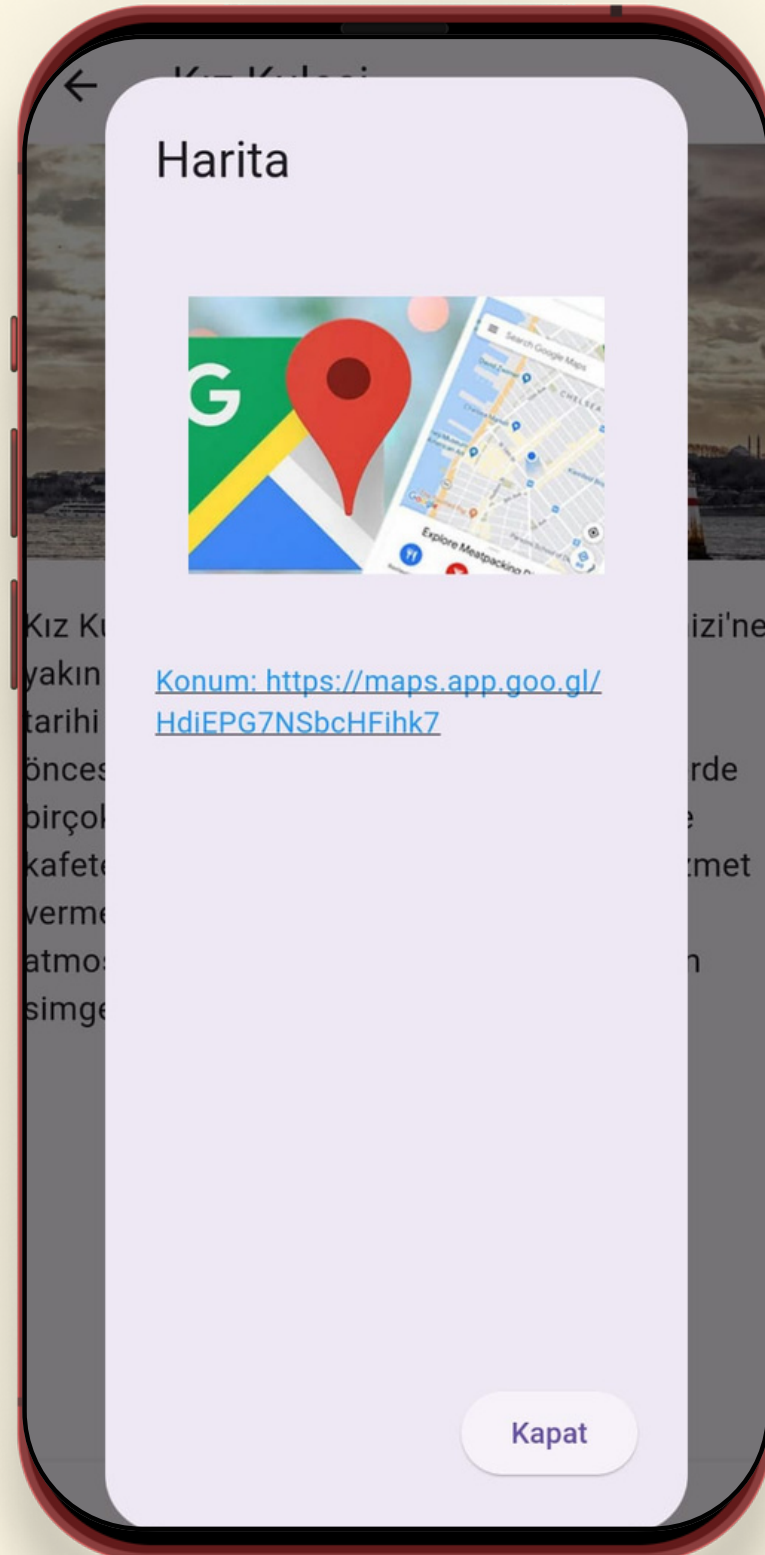
```
32     bottomNavigationBar: BottomNavigationBar(
33       items: [
34         BottomNavigationBarItem(
35           icon: Icon(Icons.info),
36           label: 'Bilgi',
37         ), // BottomNavigationBarItem
38         BottomNavigationBarItem(
39           icon: Icon(Icons.map),
40           label: 'Harita',
41         ), // BottomNavigationBarItem
42       ],
43       onTap: (index) {
44         if (index == 0) {
45           // Bilgi sekmesi
46           _showInfo(context);
47         } else if (index == 1) {
48           // Harita sekmesi
49           _showMap(context, city.location);
50         }
51       },
52     ), // BottomNavigationBar
53   ); // Scaffold
54 }
```

# Show Info Fonksiyonu



```
56 void _showInfo(BuildContext context) {
57   showDialog(
58     context: context,
59     builder: (BuildContext context) {
60       return AlertDialog(
61         title: Text('Bilgi'),
62         content: Column(
63           children: [
64             Text('${city.name}'),
65             Text('Bilgiler: ${city.info}'),
66           ],
67         ), // Column
68         actions: [
69           ElevatedButton(
70             onPressed: () {
71               Navigator.of(context).pop();
72             },
73             child: Text('Kapat'),
74           ), // ElevatedButton
75         ],
76       ); // AlertDialog
77     },
78   );
79 }
```

# Showmap Fonksiyonu



```
81 void _showMap(BuildContext context, String locationLink) {
82   showDialog(
83     context: context,
84     builder: (BuildContext context) {
85       return AlertDialog(
86         title: Text('Harita'),
87         content: Column(
88           children: [
89             GestureDetector(
90               onTap: () {
91                 _openLocationLink(context, locationLink);
92               },
93             child: Image.network(
94               'https://www.sahnemedy.com/panel/uploads/google-haritalar-da-konum-ekleme-nasil-yapilir-150.jpg',
95               height: 200, // Örnek olarak 200 birimlik yükseklik
96               width: 200, // Örnek olarak 200 birimlik genişlik
97             ), // Image.network
98           ), // GestureDetector
99           SizedBox(height: 8),
100          GestureDetector(
101            onTap: () {
102              _openLocationLink(context, locationLink);
103            },
104            child: Text(
105              'Konum: $locationLink',
106              style: TextStyle(
107                fontSize: 14,
108                decoration: TextDecoration.underline,
109                color: Colors.blue,
110              ), // TextStyle
111            ), // Text
112          ), // GestureDetector
113        ],
114      ), // Column
115      actions: [
116        ElevatedButton(
117          onPressed: () {
118            Navigator.of(context).pop();
119          },
120          child: Text('Kapat'),
121        ), // ElevatedButton
122      ],
123    ); // AlertDialog
124  },
125 );
126 }
```

# Link

```
128 void _openLocationLink(BuildContext context, String locationLink) async {
129     // Bu fonksiyon, tıklanan konum linkini tarayıcıda açar.
130     if (await canLaunch launch(locationLink)) {
131         | await launch launch(locationLink);
132     } else {
133         | // Hata durumunda yapılacak işlemleri buraya ekleyebilirsiniz.
134         | print('Linki açarken bir hata oluştu.');
135     }
136 }
137 }
```



## Karaman Sayfası



Karaman Kalesi

Fetih Camii ve Külliyesi

Ermenek Kaplıcaları

Akçeşme Mağarası

Larende (Karaman) Antik Kenti

Karaman Arkeoloji ve Etnografya Müzesi

Tarihi Taş Köprüler

## Çanakkale Sayfası



Çanakkale Şehitleri Anıtı

Anzac Koyu

Kabatepe Koyu ve Seyit Onbaşı Anıtı

Çimenlik Kalesi ve Deniz Müzesi

Truva Antik Kenti

Kilitbahir Kalesi

57. Piyade Alayı Şehitliği

## İstanbul'da Gezilecek Yerler



Ayasofya Camii

Topkapı Sarayı

Kapalı Çarşı

Büyük Saray Mozaikleri Müzesi

Galata Kulesi

İstanbul Arkeoloji Müzeleri

Miniatürk

## Bursa Sayfası



Bursa Ulu Camii

Bursa Kalesi

Yeşil Türbe

Bursa İpek Han

Bursa Çarşıları

Bursa Teleferik

Bursa Heykel



lib > karaman\_page.dart > KaramanPage > build

Click here to ask Blackbox to help you code faster

```
1 import 'package:flutter/material.dart';
2 import 'package:flutter_application_2/custom_list_view.dart';
3 import 'package:flutter_application_2/city_model.dart';
4 import 'package:flutter_application_2/city_detail_page.dart';
5
6 class KaramanPage extends StatelessWidget {
7   List<CityModel> cityList = [
8     CityModel(
9       name: "Karaman Kalesi",
10      imageUrl:
11        | | "https://abload.de/img/karamanresimlerilpak0t.jpg",
12      info: "Şehrin merkezinde yer alan Karaman Kalesi, Bizans ve Selçuklu dönemlerine ait kalıntıları içerir. Kale, muhteşem bir manzaraya sahip olduğu için ziyaretçiler için popüler bir noktadır.",
13      location: "https://maps.app.goo.gl/wcd58JMrQReYLNrVA",
14    ),
15     CityModel(
16       name: "Fetih Camii ve Külliyesi",
17      imageUrl:
18        | | "https://tarihgezisi.com/wp-content/uploads/2020/10/3-800x445.jpg",
19      info: "Bu camii ve külliye, Karaman'ın tarihine ve kültürel mirasına dair önemli bir rol oynamıştır. Külliye, cami, medrese, türbe ve çeşitli diğer binaları içerir.",
20      location: "https://maps.app.goo.gl/a2pUPGQrD3MWibbq5",
21    ),
22     CityModel(
23       name: "Ermenek Kaplıcaları",
24      imageUrl:
25        | | "https://www.medyasiirt.com/images/upload/e48fb123326df2b429c2.jpg",
26      info: "Karaman'ın Ermenek ilçesinde yer alan bu kaplıcalar, şifalı suyu ve doğal güzellikleriyle turistlerin uğrak noktalarından biridir.",
27      location: "https://maps.app.goo.gl/7dSLpqJgZyVCgh229",
28    ),
29     CityModel(
30       name: "Akçeşme Mağarası",
31      imageUrl:
32        | | "https://galeri.netfotograf.com/images/large/18B6A7381BA88433.jpg",
33      info: "Karaman il sınırlarında yer alan Akçeşme Mağarası, büyüleyici doğal oluşumları ve yer altı göletleri ile ziyaretçileri cezbetmektedir.",
34      location: "https://maps.app.goo.gl/YdwefKfRBP1GTUSJ8",
35    ),
36     CityModel(
37       name: "Larende (Karaman) Antik Kenti",
38      imageUrl:
39        | | "https://i.pinimg.com/736x/bf/0a/96/bf0a96c21248396031a43cfbab3a476d.jpg",
40      info: "Larende Antik Kenti, Helenistik döneme tarihlenen kalıntıları ile tarihi ve arkeolojik öneme sahiptir.",
41      location: "https://maps.app.goo.gl/9te7dChQyNzb6o739",
42    ),
43     CityModel(
44       name: "Karaman Arkeoloji ve Etnografya Müzesi",
45      imageUrl:
46        | | "https://i.pinimg.com/originals/11/63/0b/11630bea0b8b0cblac4e7213ef081775.jpg",
47      info: "Karaman Arkeoloji ve Etnografya Müzesi, bölgenin tarihini ve kültürel mirasını sergiler.",
48      location: "https://maps.app.goo.gl/irW51kX2Z1JUFpxp8",
49    ),
50   ],
51 }
```

```

79 @override
80 Widget build(BuildContext context) {
81   return Scaffold(
82     appBar: AppBar(
83       title: Text('Karaman Sayfası'),
84     ), // AppBar
85     body: Column(
86       children: [
87         Container(
88           height: 200,
89           decoration: BoxDecoration(
90             image: DecorationImage(
91               image: NetworkImage('https://static.daktilo.com/sites/827/uploads/2021/06/21/large/karaman-1624274742.jpg'),
92               fit: BoxFit.cover,
93             ), // DecorationImage
94           ), // BoxDecoration
95         ), // Container
96         Expanded(
97           child: CustomListView(
98             myData: cityList.map((city) => city.name).toList(),
99             onTap: (index) {
100               Navigator.push(
101                 context,
102                 MaterialPageRoute(
103                   builder: (context) => CityDetailPage(
104                     city: cityList[index],
105                   ), // CityDetailPage
106                 ), // MaterialPageRoute
107               );
108             },
109           ), // CustomListView
110         ), // Expanded
111       ],
112     ), // Column
113   ); // Scaffold
114 }
115 }
116

```