

Tugas 5-1

Nama : Feri Kusuma Wardhana

NIM : 2113010226

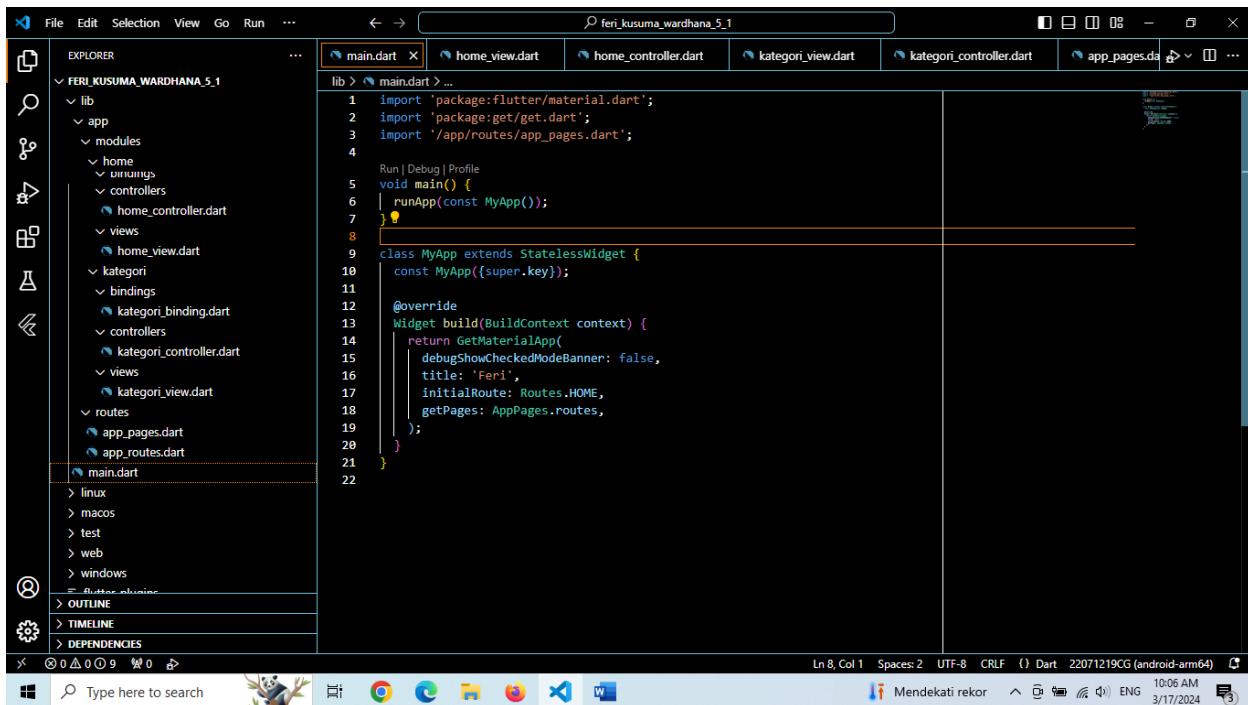
Grup : 1B

Saya telah mempersiapkan dengan kode ini ke git hub akan tetapi untuk folder build saya hapus karena file yang besar, berikut adalah linknya

Github untuk kode ini : <https://github.com/ferikw/Tugas-5-1-Feri-Kusuma-Wardhana.git>

Saya telah melakukan screenshot dari kode dan hasil tampilan dari kode yang telah saya buat , Saya telah membuat kode sesuai tugas yang ada di 5-1 , kodenya adalah sebagai berikut , dimana saya juga sudah menggunakan API pada <https://www.themealdb.com/api/json/v1/1/categories.php> dan [https://www.themealdb.com/api/json/v1/1/filter.php?c=\\$category](https://www.themealdb.com/api/json/v1/1/filter.php?c=$category) dan juga menggunakan get_cli dan saya juga sudah menambahkan google font didalam kodenya , saya menggunakan google font poppins , berikut adalah keseluruhan kodenya

1. Berikut adalah Kode pada main.dart



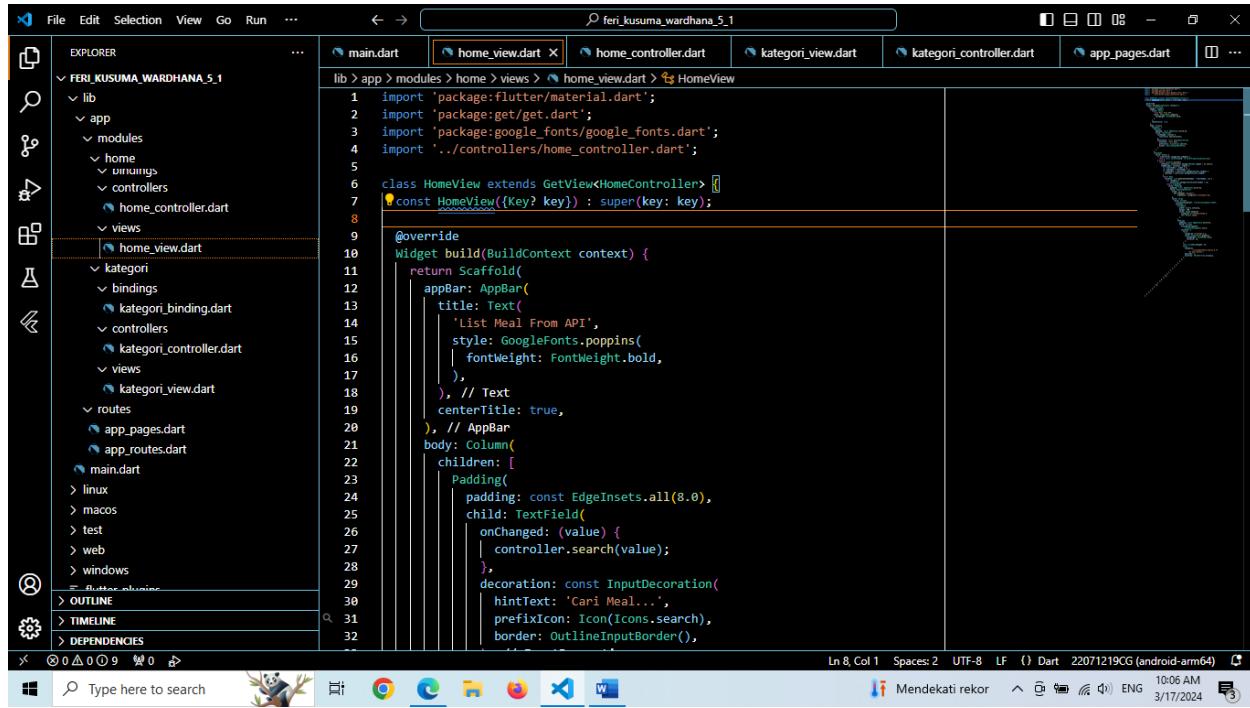
```
import 'package:flutter/material.dart';
import 'package:get/get.dart';
import '/app/routes/app_pages.dart';

void main() {
  runApp(const MyApp());
}

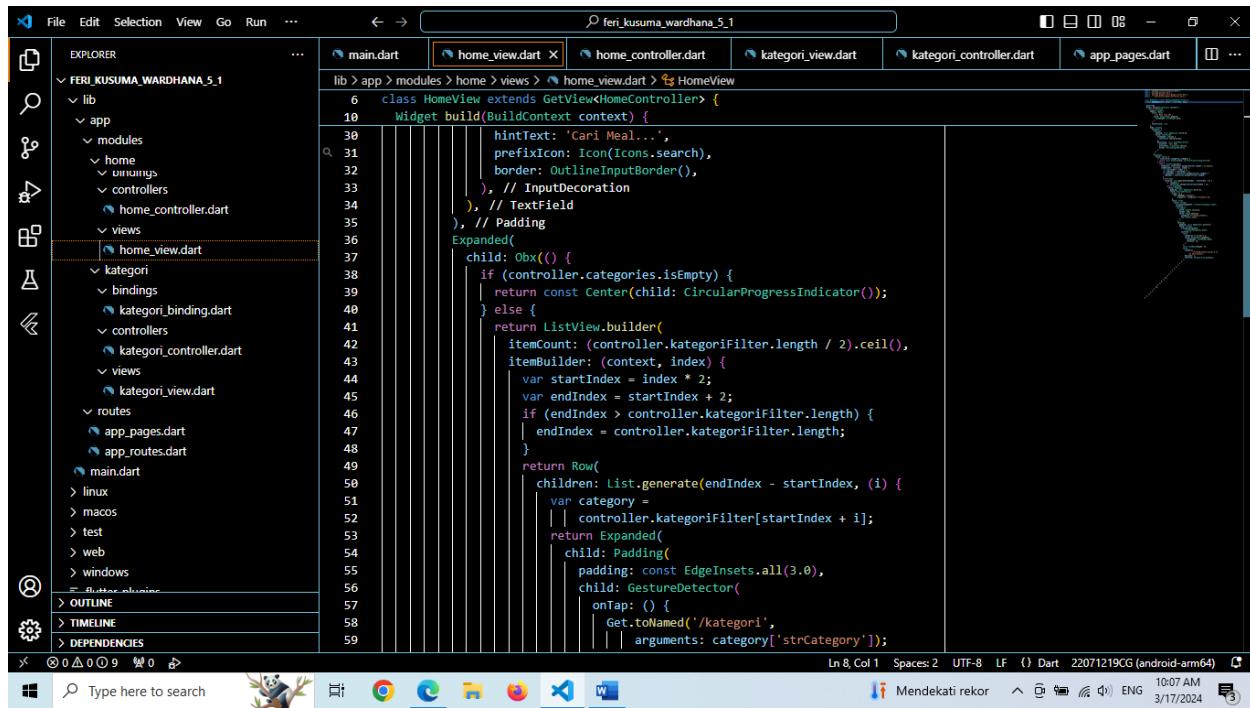
class MyApp extends StatelessWidget {
  const MyApp({super.key});

  @override
  Widget build(BuildContext context) {
    return GetMaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'Feri',
      initialRoute: Routes.HOME,
      getPages: AppPages.routes,
    );
  }
}
```

2. Berikut Kode dari Home view sebagai halaman berisi kategori



```
lib > app > modules > home > views > home_view.dart > HomeView
1 import 'package:flutter/material.dart';
2 import 'package:get/get.dart';
3 import 'package:google_fonts/google_fonts.dart';
4 import '../controllers/home_controller.dart';
5
6 class HomeView extends GetView<HomeController> {
7   const HomeView({Key? key}) : super(key: key);
8
9   @override
10  Widget build(BuildContext context) {
11    return Scaffold(
12      appBar: AppBar(
13        title: Text(
14          'List Meal From API',
15          style: GoogleFonts.poppins(
16            fontWeight: FontWeight.bold,
17          ),
18        ), // Text
19        centerTitle: true,
20      ), // AppBar
21      body: Column(
22        children: [
23          Padding(
24            padding: const EdgeInsets.all(8.0),
25            child: TextField(
26              onChanged: (value) {
27                controller.search(value);
28              },
29              decoration: const InputDecoration(
30                hintText: 'Cari Meal...',
31                prefixIcon: Icon(Icons.search),
32                border: OutlineInputBorder(),
33              ),
34            ), // TextField
35          ), // Padding
36          Expanded(
37            child: Obx(() {
38              if (controller.categories.isEmpty) {
39                return const Center(child: CircularProgressIndicator());
40              } else {
41                return ListView.builder(
42                  itemCount: (controller.kategoriFilter.length / 2).ceil(),
43                  itemBuilder: (context, index) {
44                    var startIndex = index * 2;
45                    var endIndex = startIndex + 2;
46                    if (endIndex > controller.kategoriFilter.length) {
47                      endIndex = controller.kategoriFilter.length;
48                    }
49                    return Row(
50                      children: List.generate(endIndex - startIndex, (i) {
51                        var category =
52                          controller.kategoriFilter[startIndex + i];
53                        return Expanded(
54                          child: Padding(
55                            padding: const EdgeInsets.all(3.0),
56                            child: GestureDetector(
57                              onTap: () {
58                                Get.toNamed('/kategori',
59                                  arguments: category['strCategory']);
60                              }
61                            ), // GestureDetector
62                          ), // Padding
63                        ); // Expanded
64                      }, // Row
65                    ); // ListView.builder
66                  }, // itemBuilder
67                ), // Obx
68              ); // Expanded
69            }, // Obx
70          ), // Padding
71        ], // Column
72      ), // Scaffold
73    ); // Widget
74  } // build
75} // HomeView
```



```
lib > app > modules > home > views > home_view.dart > HomeView
6 class HomeView extends GetView<HomeController> {
7   Widget build(BuildContext context) {
8
9    hintText: 'Cari Meal...',
10   prefixIcon: Icon(Icons.search),
11   border: OutlineInputBorder(),
12 }, // InputDecoration
13 }, // TextField
14 ), // Padding
15 Expanded(
16   child: Obx(() {
17     if (controller.categories.isEmpty) {
18       return const Center(child: CircularProgressIndicator());
19     } else {
20       return ListView.builder(
21         itemCount: (controller.kategoriFilter.length / 2).ceil(),
22         itemBuilder: (context, index) {
23           var startIndex = index * 2;
24           var endIndex = startIndex + 2;
25           if (endIndex > controller.kategoriFilter.length) {
26             endIndex = controller.kategoriFilter.length;
27           }
28           return Row(
29             children: List.generate(endIndex - startIndex, (i) {
30               var category =
31                 controller.kategoriFilter[startIndex + i];
32               return Expanded(
33                 child: Padding(
34                   padding: const EdgeInsets.all(3.0),
35                   child: GestureDetector(
36                     onTap: () {
37                       Get.toNamed('/kategori',
38                         arguments: category['strCategory']);
39                     }
40                   ), // GestureDetector
41                 ), // Padding
42               ); // Expanded
43             }, // Row
44           ); // ListView.builder
45         }, // itemBuilder
46       ), // Obx
47     ); // Expanded
48   }, // Obx
49 ), // Padding
50 }, // Column
51 ), // Scaffold
52 ); // Widget
53 } // build
54 } // HomeView
```

The screenshot shows the Android Studio interface with the following details:

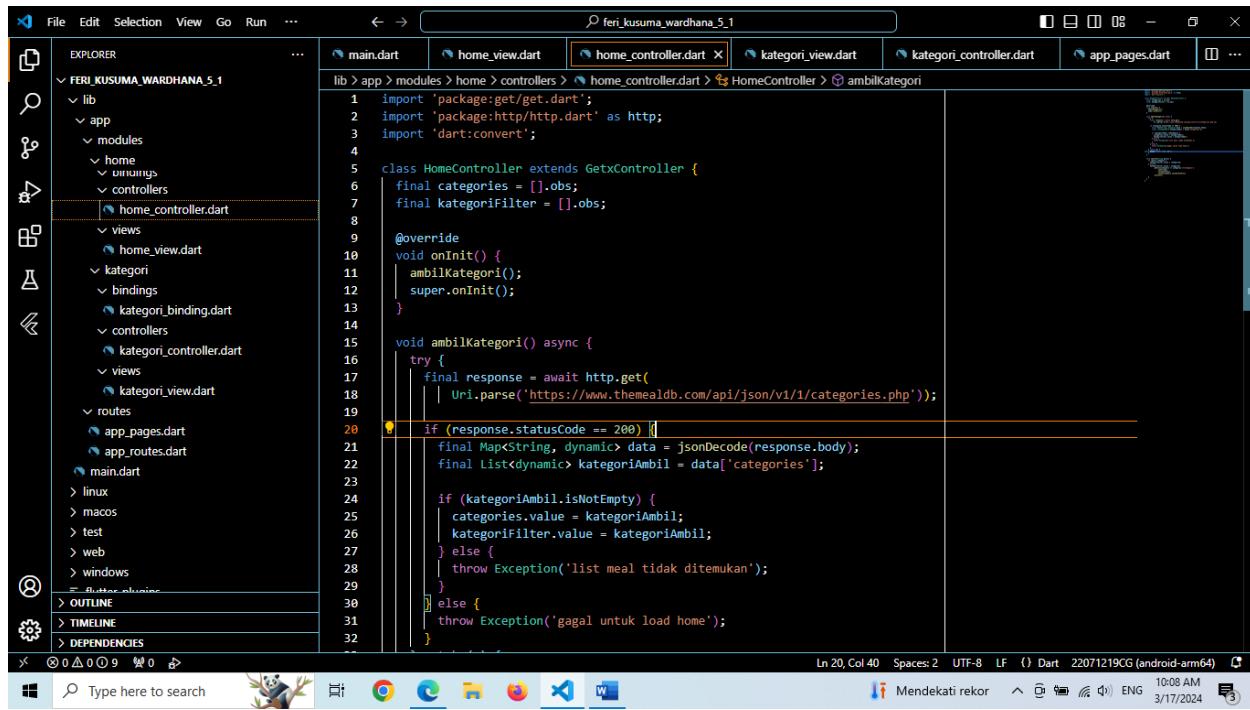
- File Bar:** File, Edit, Selection, View, Go, Run, ...
- Search Bar:** feri_kusuma_wardhana_5_1
- Toolbars:** Explorer, Editor, Outline, Timeline, Dependencies.
- Left Sidebar (Project Tree):**
 - FERI_KUSUMA_WARDHANA_5_1
 - lib
 - app
 - modules
 - home
 - bindings
 - controllers
 - home_controller.dart
 - views
 - home_view.dart
 - kategori
 - bindings
 - kategori_binding.dart
 - controllers
 - kategori_controller.dart
 - views
 - kategori_view.dart
 - routes
 - app_pages.dart
 - app_routes.dart
 - main.dart
 - linux
 - macos
 - test
 - web
 - windows
 - ... (a few more collapsed)
- Central Editor Area:** The code for `home_view.dart` is displayed.

```
lib/app/modules/home/views/home_view.dart
6 class HomeView extends GetView<HomeController> {
10   Widget build(BuildContext context) {
58     Get.toNamed('/kategori',
59       arguments: category['strCategory']);
60   },
61   child: Card(
62     child: Column(
63       mainAxisAlignment: CrossAxisAlignment.start,
64       children: [
65         SizedBox(
66           width: double.infinity,
67           height: 150,
68           child: Image.network(
69             category['strCategoryThumb'],
70             fit: BoxFit.cover,
71           ), // Image.network
72         ), // SizedBox
73         Padding(
74           padding: const EdgeInsets.all(8.0),
75           child: Column(
76             mainAxisAlignment:
77               MainAxisAlignment.start,
78             children: [
79               Text(
80                 category['strCategory'],
81                 style: GoogleFonts.poppins(
82                   fontWeight: FontWeight.bold,
83                   fontSize: 16,
84                 ),
85               ), // Text
86               const SizedBox(height: 5),
87               Text(
88               ...
89             ],
90           ),
91         ),
92       ],
93     ),
94   );
95 }
```
- Right Sidebar:** Shows a vertical stack of code snippets or preview cards.

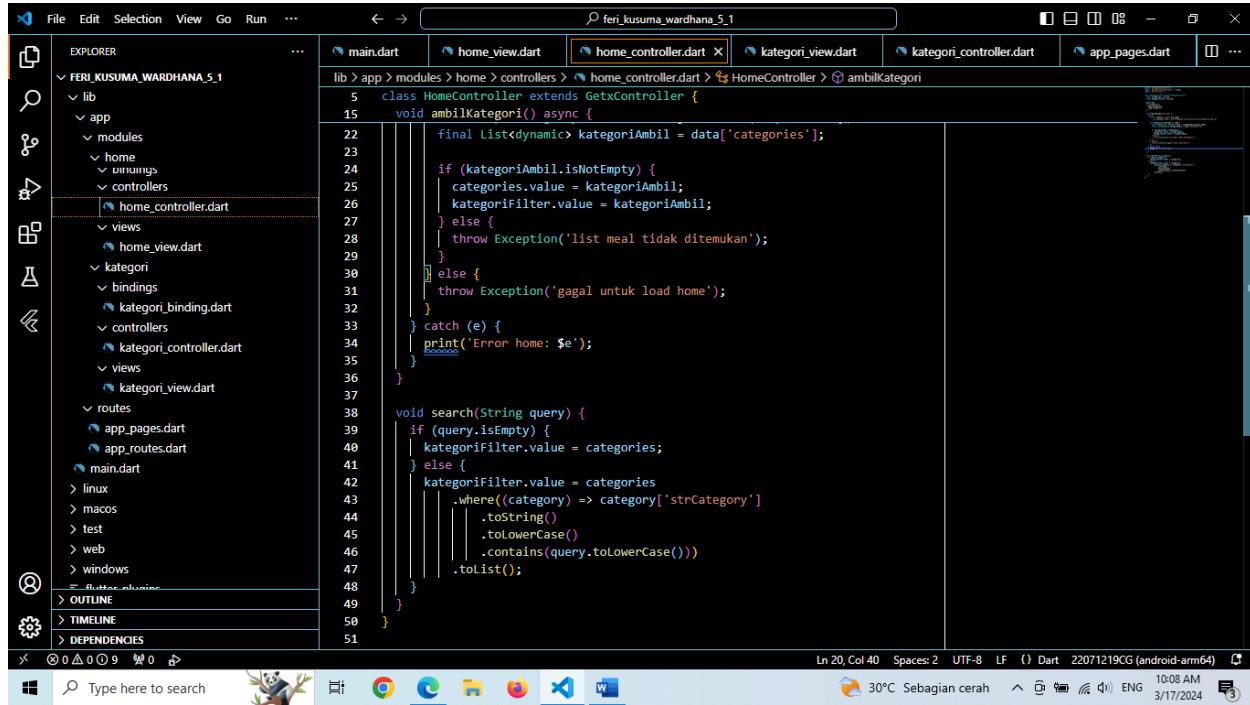
The screenshot shows a Dart development environment with the following details:

- File Explorer:** Shows the project structure under "FERI KUSUMA_WARDHANA_5_1". The file "home_view.dart" is currently selected.
- Search Bar:** At the top center, it displays the search term "feri_kusuma_wardhana_5_1".
- Code Editor:** The main editor area shows the "home_view.dart" file. The code defines a "HomeView" class that extends "GetView<HomeController>". It contains a "build" method that returns a complex UI structure using "Column", "Padding", "Card", "GestureDetector", "Expanded", "List.generate", "Row", and "Obx" widgets.
- Bottom Status Bar:** Shows the current file path ("lib/app/modules/home/views/home_view.dart"), line number (Ln 8, Col 1), character count (Spaces: 2), encoding (UTF-8), line separator (LF), Dart version (Dart 22071219CG (android-arm64)), and the date (3/17/2024).
- Bottom Icons:** Includes standard operating system icons for file operations like copy, paste, and search.

3. Berikut adalah kode dari home controller



```
lib > app > modules > home > controllers > HomeController > ambilkategori
1 import 'package:get/get.dart';
2 import 'package:http/http.dart' as http;
3 import 'dart:convert';
4
5 class HomeController extends GetxController {
6   final categories = [].obs;
7   final kategoriFilter = [].obs;
8
9   @override
10  void onInit() {
11    ambilkategori();
12    super.onInit();
13  }
14
15  void ambilkategori() async {
16    try {
17      final response = await http.get(
18        Uri.parse('https://www.themealdb.com/api/json/v1/1/categories.php');
19
20      if (response.statusCode == 200) {
21        final Map<String, dynamic> data = jsonDecode(response.body);
22        final List<dynamic> kategoriAmbil = data['categories'];
23
24        if (kategoriAmbil.isNotEmpty) {
25          categories.value = kategoriAmbil;
26          kategoriFilter.value = kategoriAmbil;
27        } else {
28          throw Exception('list meal tidak ditemukan');
29        }
30      } else {
31        throw Exception('gagal untuk load home');
32      }
33    } catch (e) {
34      print('Error home: $e');
35    }
36  }
37
38  void search(String query) {
39    if (query.isEmpty) {
40      kategoriFilter.value = categories;
41    } else {
42      kategoriFilter.value = categories
43        .where((category) => category['strCategory']
44          .toString()
45          .toLowerCase()
46          .contains(query.toLowerCase()))
47        .toList();
48    }
49  }
50 }
```



```
lib > app > modules > home > controllers > HomeController > ambilkategori
5 class HomeController extends GetxController {
15  void ambilkategori() async {
22    final List<dynamic> kategoriAmbil = data['categories'];
23
24    if (kategoriAmbil.isNotEmpty) {
25      categories.value = kategoriAmbil;
26      kategoriFilter.value = kategoriAmbil;
27    } else {
28      throw Exception('list meal tidak ditemukan');
29    }
30  } catch (e) {
31    print('Error home: $e');
32  }
33
38  void search(String query) {
39    if (query.isEmpty) {
40      kategoriFilter.value = categories;
41    } else {
42      kategoriFilter.value = categories
43        .where((category) => category['strCategory']
44          .toString()
45          .toLowerCase()
46          .contains(query.toLowerCase()))
47        .toList();
48    }
49  }
50 }
```

4. Berikut Kode dari Halaman Kategori view yang berisi halaman kategori yang dipilih

```

File Edit Selection View Go Run ...
← → ⌂ feri_kusuma_wardhana_5_1
EXPLORER lib > app > modules > kategori > views > kategori_view.dart > KategoriView > build
lib > app > modules > kategori > views > kategori_view.dart > KategoriView > build
1 import 'package:flutter/material.dart';
2 import 'package:get/get.dart';
3 import '../controllers/kategori_controller.dart';
4
5 class KategoriView extends StatelessWidget {
6   final String category;
7   final KategoriController kategoriController = Get.put(KategoriController());
8
9   KategoriView({required this.category});
10
11   @override
12   Widget build(BuildContext context) {
13     return Scaffold(
14       appBar: AppBar(
15         title: Text(Get.arguments),
16       ), // AppBar
17       body: Obx(() {
18         if (kategoriController.isLoading.value) {
19           return const Center(child: CircularProgressIndicator());
20         } else if (kategoriController.error.value.isNotEmpty) {
21           return Center(child: Text(kategoriController.error.value));
22         } else if (kategoriController.kategoriMakanan.isEmpty) {
23           return const Center(child: Text("Meals Tidak Ditemukan"));
24         } else {
25           return SingleChildScrollView(
26             child: Column(
27               crossAxisAlignment: CrossAxisAlignment.stretch,
28               children: [
29                 for (var meal in kategoriController.kategoriMakanan)
30                   Padding(
31                     padding: const EdgeInsets.all(8.0),
32                     child: Card(
33                       elevation: 4,
34                       child: Column(
35                         crossAxisAlignment: CrossAxisAlignment.stretch,
36                         children: [
37                           ClipRRect(
38                             borderRadius: const BorderRadius.vertical(
39                               top: Radius.circular(4),
40                             ), // BorderRadius.vertical
41                             child: Image.network(
42                               meal['strMealThumb'],
43                               fit: BoxFit.cover,
44                               height: 200,
45                             ), // Image.network
46                           ), // ClipRRect
47                           const SizedBox(height: 8),
48                           Padding(
49                             padding: const EdgeInsets.all(8.0),
50                             child: Text(
51                               meal['strMeal'],
52                               style: const TextStyle(
53                                 fontSize: 18,
54                                 fontWeight: FontWeight.bold,
55                               ), // TextStyle
56                             ), // Text
57                           ), // Padding
58                         ],
59                       ), // Column

```

In 16 Col 9 Spaces: 2 UTF-8 LF ⚡ Dart 22071219CG (android-arm64)

30°C Sebagian cerah 10:09 AM ENG 3/17/2024

```

File Edit Selection View Go Run ...
← → ⌂ feri_kusuma_wardhana_5_1
EXPLORER lib > app > modules > kategori > views > kategori_view.dart > KategoriView > build
lib > app > modules > kategori > views > kategori_view.dart > KategoriView > build
5 class KategoriView extends StatelessWidget {
12   Widget build(BuildContext context) {
30     Padding(
31       padding: const EdgeInsets.all(8.0),
32       child: Card(
33         elevation: 4,
34         child: Column(
35           crossAxisAlignment: CrossAxisAlignment.stretch,
36           children: [
37             ClipRRect(
38               borderRadius: const BorderRadius.vertical(
39                 top: Radius.circular(4),
40               ), // BorderRadius.vertical
41               child: Image.network(
42                 meal['strMealThumb'],
43                 fit: BoxFit.cover,
44                 height: 200,
45               ), // Image.network
46             ), // ClipRRect
47             const SizedBox(height: 8),
48             Padding(
49               padding: const EdgeInsets.all(8.0),
50               child: Text(
51                 meal['strMeal'],
52                 style: const TextStyle(
53                   fontSize: 18,
54                   fontWeight: FontWeight.bold,
55                 ), // TextStyle
56               ), // Text
57             ), // Padding
58           ],
59         ), // Column

```

In 16 Col 9 Spaces: 2 UTF-8 LF ⚡ Dart 22071219CG (android-arm64)

30°C Sebagian cerah 10:09 AM ENG 3/17/2024

The screenshot shows the Visual Studio Code interface with the file 'feri_kusuma_wardhana_5_1' open. The 'kategori_view.dart' file is the active tab, displaying Dart code for a StatelessWidget named KategoriView. The code includes imports for lib, app, modules, and views. It defines a build method that returns a Column containing a Card with a NetworkImage and a Text widget. The controller for this view is 'kategori_controller.dart'. The sidebar shows the project structure with files like main.dart, home_view.dart, and app_pages.dart.

```
lib > app > modules > kategori > views > kategori_view.dart > KategoriView > build
5 class KategoriView extends StatelessWidget {
12   Widget build(BuildContext context) {
41     return Column(
42       children: [
43         ClipRRect(
44           child: Image.network(
45             meal['strMealThumb'],
46             fit: BoxFit.cover,
47             height: 200,
48           ), // Image.network
49         ), // ClipRRect
50         const SizedBox(height: 8),
51         Padding(
52           padding: const EdgeInsets.all(8.0),
53           child: Text(
54             meal['strMeal'],
55             style: const TextStyle(
56               fontSize: 18,
57               fontWeight: FontWeight.bold,
58             ), // Text
59           ), // Padding
60         ), // Column
61       ],
62     ), // Column
63   ); // SingleChildScrollView
64 }
65 }, // Obx
66 ); // Scaffold
67 } // Padding
68 }, // Column
69 ); // Column
70 ); // Column
```

5. Berikut adalah kode dari controller kategori

The screenshot shows the Visual Studio Code interface with the file 'feri_kusuma_wardhana_5_1' open. The 'kategori_controller.dart' file is the active tab, displaying Dart code for a GetxController named KategoriController. The code imports package:get, http, and dart:convert. It defines a constructor that initializes a list of meals and a loading state. The 'ambilkategoriMakanan' method makes a GET request to a specific URL to fetch meal data based on a category. If successful, it decodes the JSON response and updates the meal list. If there's an error, it throws an exception or sets an error message. The controller also has an 'onInit' method that calls the ambilkategoriMakanan function.

```
1 import 'package:get/get.dart';
2 import 'package:http/http.dart' as http;
3 import 'dart:convert';
4
5 class KategoriController extends GetxController {
6   final kategoriMakanan = [].obs;
7   final isLoading = true.obs;
8   final error = ''.obs;
9
10  @override
11  void onInit() {
12    super.onInit();
13    ambilkategoriMakanan(Get.arguments);
14  }
15
16  void ambilkategoriMakanan(String category) async {
17    try {
18      isLoading.value = true;
19      final response = await http.get(Uri.parse(
20        'https://www.themealdb.com/api/json/v1/1/filter.php?c=$category'
21      ));
22      if (response.statusCode == 200) {
23        final List<dynamic> ambilMakanan = json.decode(response.body)['meals'];
24        if (ambilMakanan.isNotEmpty) {
25          kategoriMakanan.value = ambilMakanan;
26        } else {
27          kategoriMakanan.value = [];
28        }
29      } else {
30        throw Exception('gagal untuk load makanan berdasarkan kategori');
31      }
32    } catch (e) {
33      error.value = 'Error makanan: $e';
34    }
35  }
36}
```

```

File Edit Selection View Go Run ...
EXPLORER lib app modules home bindings controllers kategori views routes app_pages.dart app_routes.dart main.dart
FERI_KUSUMA_WARDHANA_5_1
kategori_controller.dart
main.dart home_view.dart home_controller.dart kategori_view.dart
lib > app > modules > kategori > controllers > kategori_controller.dart > KategoriController
5 class KategoriController extends GetxController {
10   @override
11   void onInit() {
12     super.onInit();
13     ambilKategoriMakanan(Get.arguments);
14   }
15
16   void ambilKategoriMakanan(String category) async {
17     try {
18       isLoading.value = true;
19       final response = await http.get(Uri.parse(
20           'https://www.themealdb.com/api/json/v1/1/filter.php?c=$category'));
21       if (response.statusCode == 200) {
22         final List<dynamic> ambilMakanan = json.decode(response.body)['meals'];
23         if (ambilMakanan.isNotEmpty) {
24           kategoriMakanan.value = ambilMakanan;
25         } else {
26           kategoriMakanan.value = [];
27         }
28       } else {
29         throw Exception('gagal untuk load makanan berdasarkan kategori');
30       }
31     } catch (e) {
32       error.value = 'Error makanan: $e';
33     } finally {
34       isLoading.value = false;
35     }
36   }
37 }
38

```

Ln 15, Col 1 Spaces: 2 UTF-8 LF () Dart 22071219CG (android-arm64)

Type here to search LQ45 -1.40% 10:09 AM 3/17/2024

6. Berikut adalah halaman dari app pages dart

```

File Edit Selection View Go Run ...
EXPLORER lib app modules home bindings home_binding.dart kategori bindings kategori_binding.dart views kategori_view.dart
kategori_controller.dart routes app_pages.dart app_routes.dart main.dart
FERI_KUSUMA_WARDHANA_5_1
app_pages.dart
main.dart home_view.dart home_controller.dart kategori_view.dart
lib > app > routes > app_pages.dart > AppPages > routes
1 import 'package:get/get.dart';
2
3 import '../modules/home/bindings/home_binding.dart';
4 import '../modules/home/views/home_view.dart';
5 import '../modules/kategori/bindings/kategori_binding.dart';
6 import '../modules/kategori/views/kategori_view.dart';
7
8 part 'app_routes.dart';
9
10 class AppPages {
11   AppPages._();
12
13   static const INITIAL = Routes.HOME;
14
15   static final routes = [
16     GetPage(
17       name: _Paths.HOME,
18       page: () => HomeView(),
19       binding: HomeBinding(),
20     ), // GetPage
21     GetPage(
22       name: _Paths.KATEGORI,
23       page: () {
24         final category = Get.parameters['category'];
25         return KategoriView(category: category ?? '');
26       },
27       binding: KategoriBinding(),
28     ), // GetPage
29   ];
30 }
31

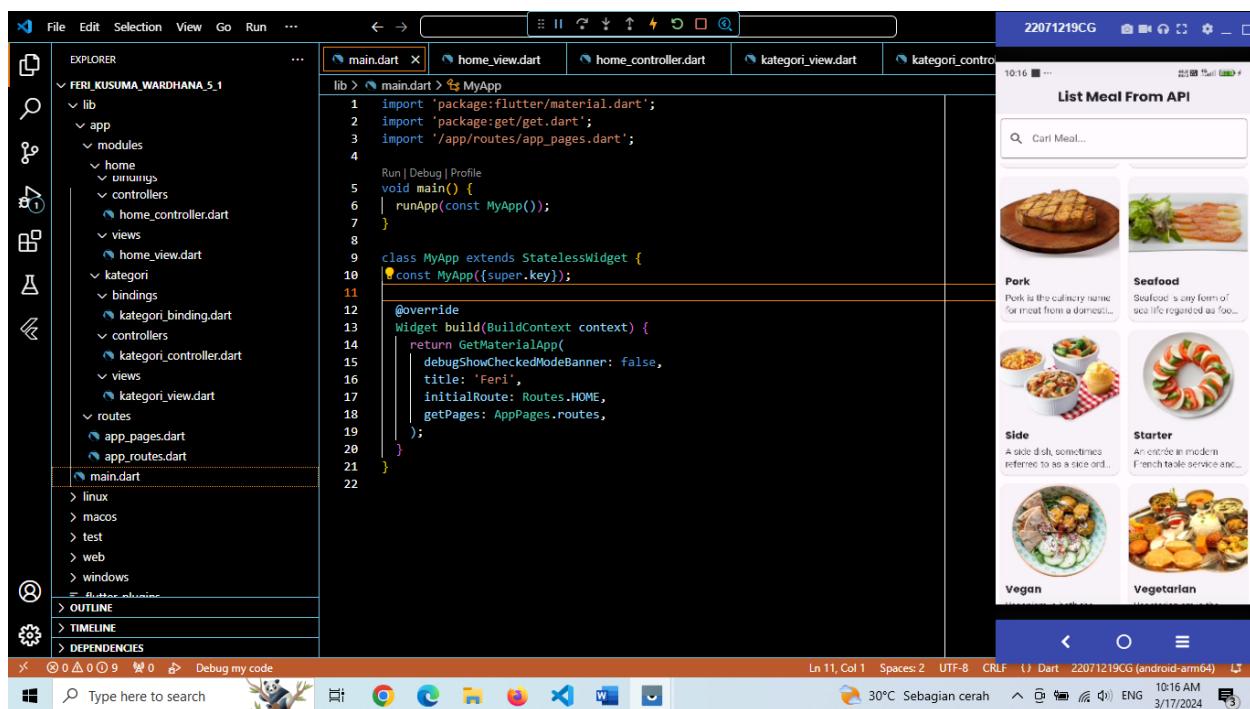
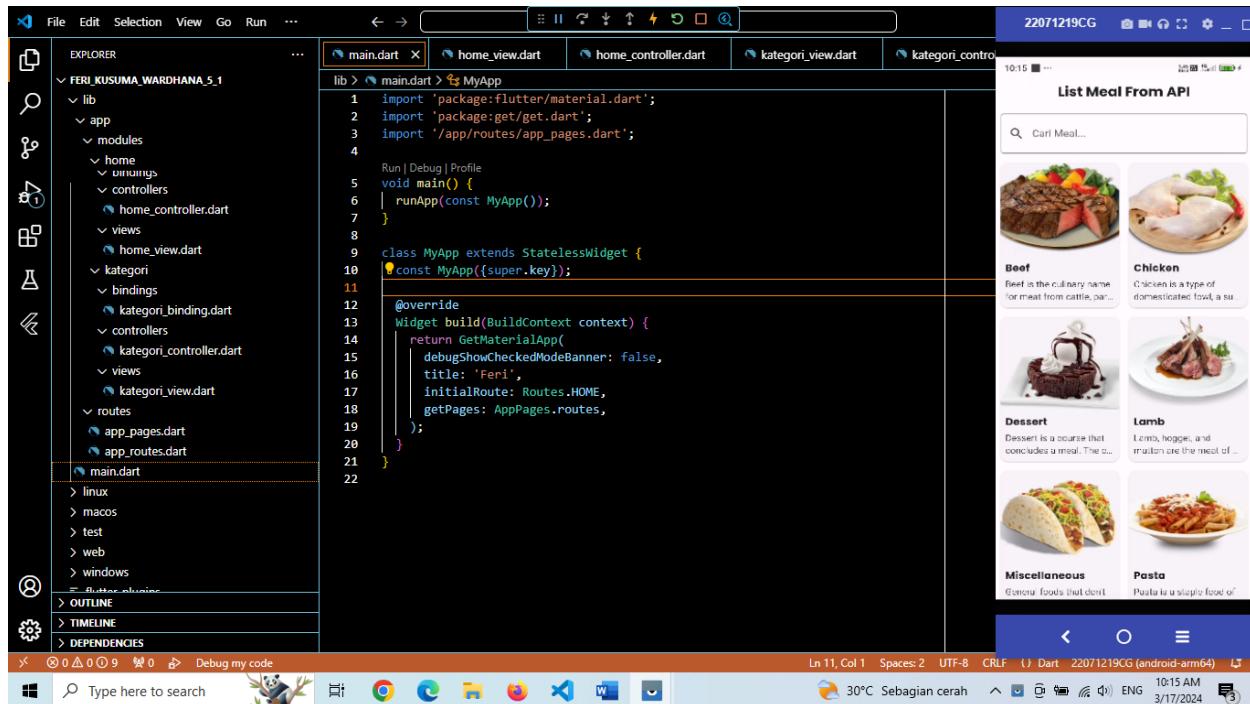
```

Ln 27, Col 34 Spaces: 2 UTF-8 LF () Dart 22071219CG (android-arm64)

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A. Tampilan Aplikasi

- Berikut adalah tampilan dari halaman home yang berisi tampilan kategori dimana mengambil API pada <https://www.themealdb.com/api/json/v1/1/categories.php>



The screenshot shows the Visual Studio Code interface. On the left is the Explorer sidebar with project files like lib, app, modules, and routes. The main editor window displays the main.dart file:

```

1 import 'package:flutter/material.dart';
2 import 'package:get/get.dart';
3 import '/app/routes/app_pages.dart';
4
5 Run | Debug | Profile
6 void main() {
7   runApp(const MyApp());
8 }
9
10 class MyApp extends StatelessWidget {
11   const MyApp({super.key});
12
13   @override
14   Widget build(BuildContext context) {
15     return GetMaterialApp(
16       debugShowCheckedModeBanner: false,
17       title: 'Feri',
18       initialRoute: Routes.HOME,
19       getPages: AppPages.routes,
20     );
21 }

```

To the right is a preview of the app titled "List Meal From API". It shows a search bar with "Carl Meal...". Below it are cards for different meal categories: Side, Starter, Vegan, Vegetarian, Breakfast, and Goat. The "Vegan" card is highlighted.

2) Juga bisa melakukan search dan akan otomatis memfilter kategori sesuai dengan huruf yang dimasukkan

The screenshot shows the Visual Studio Code interface. The main editor window displays the main.dart file. In the preview area, a search bar has "seafood" typed into it. The results show a card for "Seafood" which includes a picture of salmon and some greens. A keyboard input field at the bottom shows "seafood" being typed. The status bar at the bottom indicates the temperature is 30°C and the time is 10:17 AM.

File Edit Selection View Go Run ...

EXPLORER

lib > main.dart > MyApp

```

1 import 'package:flutter/material.dart';
2 import 'package:get/get.dart';
3 import '/app/routes/app_pages.dart';
4
5 void main() {
6   runApp(const MyApp());
7 }
8
9 class MyApp extends StatelessWidget {
10   const MyApp({super.key});
11
12   @override
13   Widget build(BuildContext context) {
14     return GetMaterialApp(
15       debugShowCheckedModeBanner: false,
16       title: 'Feri',
17       initialRoute: Routes.HOME,
18       getPages: AppPages.routes,
19     );
20   }
21 }

```

list meal from API

Dessert

Dessert is a course that concludes a meal. The course usually consists of sweet foods, such as confectionery...

Dessert dessertnya desserts

q w e r t y u i o p
a s d f g h j k l
z x c v b n m
?123 , . Bahasa Indonesia

10:17 22071219CG

Ln 11, Col 1 Spaces: 2 UTF-8 CRLF Dart 22071219CG (android-arm64)

Type here to search

- 3) Jika kategori di halaman home di klik maka akan masuk ke halaman kategori dan akan disesuaikan dengan nama kategori karena menggunakan [https://www.themealdb.com/api/json/v1/1/filter.php?c=\\$category](https://www.themealdb.com/api/json/v1/1/filter.php?c=$category)

File Edit Selection View Go Run ...

EXPLORER

lib > main.dart > MyApp

```

1 import 'package:flutter/material.dart';
2 import 'package:get/get.dart';
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5 void main() {
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13   Widget build(BuildContext context) {
14     return GetMaterialApp(
15       debugShowCheckedModeBanner: false,
16       title: 'Feri',
17       initialRoute: Routes.HOME,
18       getPages: AppPages.routes,
19     );
20   }
21 }

```

Beef

Beef and Mustard Pie

Beef and Oyster pie

Beef Agado

10:18 22071219CG

Ln 11, Col 1 Spaces: 2 UTF-8 CRLF Dart 22071219CG (android-arm64)

Type here to search

The screenshot shows a Flutter application running on an Android device. The code in main.dart initializes the app with a title 'Feri', initial route 'Routes.HOME', and a list of pages. The app displays three cards: 'Beef Asado' (a dish with meat and vegetables), 'Beef Banh Mi Bowls with Sriracha Mayo, Carrot & Pickled Cucumber' (a bowl of rice with meat and vegetables), and 'Beef Stew' (a dish with meat and vegetables). The bottom status bar shows the date as 3/17/2024.

```
lib/main.dart:1:1 - MyApp
```

```
1 import 'package:flutter/material.dart';
2 import 'package:get/get.dart';
3 import '/app/routes/app_pages.dart';
4
5 Run | Debug | Profile
6 void main() {
7   runApp(const MyApp());
8 }
9
10 class MyApp extends StatelessWidget {
11   const MyApp({super.key});
12
13   @override
14   Widget build(BuildContext context) {
15     return GetMaterialApp(
16       debugShowCheckedModeBanner: false,
17       title: 'Feri',
18       initialRoute: Routes.HOME,
19       getPages: AppPages.routes,
20     );
21 }
```

The screenshot shows a Flutter application running on an Android device. The code in main.dart is identical to the previous screenshot, but the app displays different food items: 'Kapsalon' (a dish with meat and vegetables), 'Keleya Zaara' (a dish with meat and vegetables), and 'Lamb and Lemon Souvlaki' (a dish with meat and vegetables). The bottom status bar shows the date as 3/17/2024.

```
lib/main.dart:1:1 - MyApp
```

```
1 import 'package:flutter/material.dart';
2 import 'package:get/get.dart';
3 import '/app/routes/app_pages.dart';
4
5 Run | Debug | Profile
6 void main() {
7   runApp(const MyApp());
8 }
9
10 class MyApp extends StatelessWidget {
11   const MyApp({super.key});
12
13   @override
14   Widget build(BuildContext context) {
15     return GetMaterialApp(
16       debugShowCheckedModeBanner: false,
17       title: 'Feri',
18       initialRoute: Routes.HOME,
19       getPages: AppPages.routes,
20     );
21 }
```

The screenshot shows a Flutter application running on an Android device. The code in main.dart initializes the app with a title 'Feri', initial route 'Routes.HOME', and a list of pages. The app displays three cards: 'Lamb' (Lamb and Potato pie), 'Lamb Biryani', and another card for 'Lamb' (Lamb Biryani). The environment is a Windows desktop with various icons on the taskbar.

```
lib > main.dart > MyApp
1 import 'package:flutter/material.dart';
2 import 'package:get/get.dart';
3 import '/app/routes/app_pages.dart';
4
5 Run | Debug | Profile
6 void main() {
7   runApp(const MyApp());
8 }
9
10 class MyApp extends StatelessWidget {
11   const MyApp({super.key});
12
13   @override
14   Widget build(BuildContext context) {
15     return GetMaterialApp(
16       debugShowCheckedModeBanner: false,
17       title: 'Feri',
18       initialRoute: Routes.HOME,
19       getPages: AppPages.routes,
20     );
21 }
22
```

The screenshot shows a Flutter application running on an Android device. The code in main.dart is identical to the previous one, initializing the app with a title 'Feri', initial route 'Routes.HOME', and a list of pages. The app displays three cards: 'Goat' (Mbuzi Choma (Roasted Goat)), 'Goat', and another card for 'Goat' (Mbuzi Choma (Roasted Goat)). The environment is a Windows desktop with various icons on the taskbar.

```
lib > main.dart > MyApp
1 import 'package:flutter/material.dart';
2 import 'package:get/get.dart';
3 import '/app/routes/app_pages.dart';
4
5 Run | Debug | Profile
6 void main() {
7   runApp(const MyApp());
8 }
9
10 class MyApp extends StatelessWidget {
11   const MyApp({super.key});
12
13   @override
14   Widget build(BuildContext context) {
15     return GetMaterialApp(
16       debugShowCheckedModeBanner: false,
17       title: 'Feri',
18       initialRoute: Routes.HOME,
19       getPages: AppPages.routes,
20     );
21 }
22
```

B. Berikut adalah tampilan dari hp

1. Berikut tampilan Home yang berisi Kategori yang diambil dari API di <https://www.themealdb.com/api/json/v1/1/categories.php> dimana akan tampil sebagai berikut

10:22 4G 4G 99%

List Meal From API

Cari Meal...

Beef
Beef is the culinary name for meat from cattle, par...

Chicken
Chicken is a type of domesticated fowl, a su...

Dessert
Dessert is a course that concludes a meal. The c...

Miscellaneous
General foods that don't fit into another category

Pork
Pork is the culinary name for meat from a domesti...

Seafood
Seafood is any form of sea life regarded as foo...

Lamb
Lamb, hogget, and mutton are the meat of ...

Pasta
Pasta is a staple food of traditional Italian cuisine...

Caprese Salad
A traditional Italian salad consisting of fresh tomato slices, mozzarella cheese, and basil leaves, often drizzled with olive oil.

2. Pada halaman Home bisa melakukan search dimana akan memfilter sesai dengan huruf yang dimasukkan

10:23 ■ ...

753 KB/d 4G 4G 99%

List Meal From API

Cari Meal...



Side
A side dish, sometimes referred to as a side ord...



Starter
An entrée in modern French table service and...



Vegan
Veganism is both the practice of abstaining fr...



Vegetarian
Vegetarianism is the practice of abstaining fr...



Breakfast
Breakfast is the first meal of a day. The word in En...



Goat
The domestic goat or simply goat (*Capra aega...*

10:23 ■ ...

124 KB/d 4G 4G 99%

List Meal From API

pas



Pasta
Pasta is a staple food of traditional Italian cuisine, with the first reference dating to 1154 in Sicily.

3. Saat melakukan search seperti beef akan membuat yang hanya muncul kategori beef dan jika diketik sta maka kategori yang memiliki huruf tersebut akan muncul dan melakukan filter

10:25 ■ ...

275 KB/d 4G

10:24 ■ ...

222 KB/d 4G

List Meal From API



Beef
Beef is the culinary name for meat from cattle, particularly skeletal muscle. Humans have been eating ...

List Meal From API



Pasta
Pasta is a staple food of traditional Italian cuisine...



Starter
An entrée in modern French table service and...

4. Berikut adalah halama dari kategori dimana pada saat salah satu kategori di halaman di klik maka akan masuk sesuai dengan nama kategori tersebut karena menggunakan ini

[https://www.themealdb.com/api/json/v1/1/filter.php?c=\\$category](https://www.themealdb.com/api/json/v1/1/filter.php?c=$category) contohnya jika klik kategori beef maka pada halaman kategori akan masuk ke beef



Beef Brisket Pot Roast



Beef and Mustard Pie



Beef Caldereta



Beef and Oyster pie



Beef Dumpling Stew



Beef Asado

5. Begitu juga dengan chicken

10:27 ■ ...

268 KB/d 4G

← Chicken



Ayam Percik

10:28 ■ ...

851 KB/d 4G

← Chicken



Chicken & mushroom Hotpot



Brown Stew Chicken



Chicken Alfredo Primavera



Chick-Fil-A Sandwich



Chicken Paella