

Nama Anggota:

- Naufal Zuhdi Febrian      202110370311130  
- M. Edgardinho F. R      202110370311493  
- Fathimatuz Zahra K      202110370311499

### MODUL 3 LAPORAN KEGIATAN PRAKTIKUM

Link Video Youtube

<https://youtu.be/BsKvz6eMCSO>

#### A. Instalasi HTTP dan Webview

1. Instalasi HTTP dan Webview pada project /mikan dengan menambahkan dependencies di file pubspec.yaml dan save /pub get

```
image_picker: ^0.8.4
http: ^1.1.0
webview_flutter: ^4.4.1

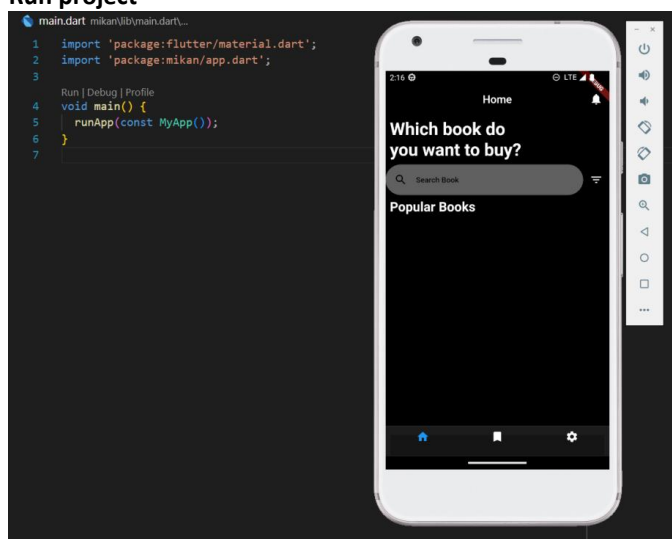
dev_dependencies:
  flutter_test:
    sdk: flutter
```

Terminal output:

```
ream_channel 2.1.1 (2.1.2 available)
st_api 0.6.0 (0.6.1 available)
b 0.1.4-beta (0.3.0 available)
bview_flutter 4.4.1
bview_flutter_android 3.12.0
bview_flutter_platform_interface 2.6.0
bview_flutter_wkwebview 3.9.2
ged 4 dependencies!
ding with plugins requires symlink support.

se enable Developer Mode in your system settings. Run
art ms-settings:developers
pen settings.
code 1
```

2. Run project



## B. Latihan HTTP

```
lib > data > models > latihan.dart > ...  
1 import 'dart:convert';  
2  
3 Todos welcomeFromJson(String str) => Todos.fromJson(json.decode(str));  
4  
5 String welcomeToJson(Todos data) => json.encode(data.toJson());  
6  
7 class Todos {  
8   int userId;  
9   int id;  
10  String title;  
11  bool completed;  
12  
13  Todos({  
14    required this.userId,  
15    required this.id,  
16    required this.title,  
17    required this.completed,  
18  });  
19  
20  factory Todos.fromJson(Map<String, dynamic> json) => Todos(  
21    userId: json["userId"],  
22    id: json["id"],  
23    title: json["title"],  
24    completed: json["completed"],  
25  );  
26  
27  Map<String, dynamic> toJson() => {  
28    "userId": userId,  
29    "id": id,  
30    "title": title,  
31    "completed": completed,  
32  };  
33
```

RESULT

```
lib > viewmodels > latihan_webview_model.dart > LatihanWebViewModel  
1 import 'package:get/get.dart';  
2 import 'dart:async';  
3 import 'dart:convert';  
4 import 'package:http/http.dart' as http;  
5 import 'package:mikan/data/models/latihan.dart';  
6  
7 class LatihanWebViewModel extends GetxController {  
8   final Rx<Todos?> todos = Rx<Todos?>(null);  
9  
10  Future<Todos> fetchTodos() async {  
11    final response = await http.get(Uri.parse('https://jsonplaceholder.typicode.com/todos/5'));  
12    if (response.statusCode == 200) {  
13      return todos.value = Todos.fromJson(Map<String, dynamic>.from(json.decode(response.body)));  
14    } else {  
15      throw Exception('Failed to load');  
16    }  
17  }  
18 }
```

```
lib > view > pages > webview.dart > ...  
7 class WebView extends StatelessWidget {  
8   const WebView({super.key});  
9  
10  @override  
11  Widget build(BuildContext context) {  
12    final LatihanWebViewModel controller = Get.put(LatihanWebViewModel());  
13    return MaterialApp(  
14      title: 'Web View latihan',  
15      home: Scaffold(  
16        appBar: AppBar(  
17          title: const Text('Web View Latihan'),  
18        ), // AppBar  
19        body: Center(  
20          child: FutureBuilder<Todos>(  
21            future: controller.fetchTodos(),  
22            builder: (context, snapshot) {  
23              if (snapshot.hasData) {  
24                return Text(snapshot.data!.title);  
25              } else if (snapshot.hasError) {  
26                return Text('${snapshot.error}');  
27              }  
28              return const CircularProgressIndicator();  
29            },  
30          ), // FutureBuilder  
31        ), // Center  
32        bottomNavigationBar: BottomNavBar(),  
33      ), // Scaffold  
34    ); // MaterialApp  
35  }  
36 }
```

