

**TUGAS GUIDED
PEMROGRAMAN PERANGKAT BERGERAK**

**MODUL VI
INTERAKSI PENGGUNA**



Disusun Oleh :

Althafia Defiyandrea Laskanadya Wibowo

2211104011 / SE06-01

Asisten Praktikum :

Muhammad Faza Zulian Gesit Al Barru

Aisyah Hasna Aulia

Dosen Pengampu :

Yudha Islami Sulistya, S.Kom., M.Cs.

PROGRAM STUDI S1 SOFTWARE ENGINEERING

FAKULTAS INFORMATIKA

TELKOM UNIVERSITY PURWOKERTO

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Main.dart

```
1 import 'package:flutter/material.dart';
2 import 'my.package.dart';
3 import 'my.bottomnav.dart';
4 import 'elebu.dart';
5 import 'my.tabbar.dart';
6
7 void main() {
8   runApp(MyApp());
9 }
10
11 class MyApp extends StatelessWidget {
12   @override
13   Widget build(BuildContext context) {
14     return MaterialApp(
15       home: MyTabBar(), // Atur ke halaman awal
16     );
17   }
18 }
```

Elebu.dart

```
1 import 'package:flutter/material.dart';
2
3 class EleBu extends StatelessWidget {
4   @override
5   Widget build(BuildContext context) {
6     return Scaffold(
7       appBar: AppBar(title: Text('Contoh Elevated Button')),
8       body: Center(
9         child: ElevatedButton(
10           onPressed: () {
11             // Aksi saat tombol ditekan
12             print('Tombol Elevated ditekan!');
13           },
14           child: Text('Klik Saya'),
15         ),
16       ),
17     );
18   }
19 }
```

My.bottomnav.dart

```
1 import 'package:flutter/material.dart';
2
3 class MyBottomNavBar extends StatefulWidget {
4   const MyBottomNavBar({super.key});
5
6   @override
7   State<MyBottomNavBar> createState() => _MyBottomNavBarState();
8 }
9
10 class _MyBottomNavBarState extends State<MyBottomNavBar> {
11   int _selectedIndex = 0;
12   static const List<Widget> _widgetOptions = <Widget>[
13     Text('Index 0: Home',
14       style: TextStyle(fontSize: 30, fontWeight: FontWeight.bold)),
15     Text('Index 1: Business',
16       style: TextStyle(fontSize: 30, fontWeight: FontWeight.bold)),
17     Text('Index 2: School',
18       style: TextStyle(fontSize: 30, fontWeight: FontWeight.bold)),
19   ];
20
21   void _onItemTapped(int index) {
22     setState(() {
23       _selectedIndex = index;
24     });
25   }
26
27   @override
28   Widget build(BuildContext context) {
29     return Scaffold(
30       appBar: AppBar(title: const Text('Bottom Navigation Bar Sample')),
31       body: Center(child: _widgetOptions.elementAt(_selectedIndex)),
32       bottomNavigationBar: BottomNavigationBar(
33         items: const <BottomNavigationBarItem>[
34           BottomNavigationBarItem(icon: Icon(Icons.home), label: 'Home'),
35           BottomNavigationBarItem(
36             icon: Icon(Icons.business), label: 'Business'),
37           BottomNavigationBarItem(icon: Icon(Icons.school), label: 'School'),
38         ],
39         currentIndex: _selectedIndex,
40         selectedItemColor: Colors.amber[800],
41         onTap: _onItemTapped,
42       ),
43     );
44   }
45 }
```

My.package.dart

```
1 import 'package:flutter/material.dart';
2
3 class MyPackageExample extends StatelessWidget {
4   @override
5   Widget build(BuildContext context) {
6     return Scaffold(
7       appBar: AppBar(title: Text('Contoh Penggunaan Package')),
8       body: Center(
9         child: Text(
10           'Hello with Google Fonts!',
11         ),
12       ),
13     );
14   }
15 }
```

My.tabbar.dart

```
1 import 'package:flutter/material.dart';
2
3 class MyTabBar extends StatelessWidget {
4   @override
5   Widget build(BuildContext context) {
6     return DefaultTabController(
7       length: 3, // Jumlah tab
8       child: Scaffold(
9         appBar: AppBar(
10          title: Text('Contoh TabBar'),
11          bottom: TabBar(
12            tabs: [
13              Tab(text: 'Tab 1'),
14              Tab(text: 'Tab 2'),
15              Tab(text: 'Tab 3'),
16            ],
17          ),
18        ),
19        body: TabBarView(
20          children: [
21            Center(child: Text('Konten Tab 1')),
22            Center(child: Text('Konten Tab 2')),
23            Center(child: Text('Konten Tab 3')),
24          ],
25        ),
26      ),
27    );
28  }
29 }
```

Contoh TabBar

DEBUG

Tab 1

Tab 2

Tab 3

Konten Tab 1

Contoh TabBar

DEBUG

Tab 1

Tab 2

Tab 3

Konten Tab 2

Contoh TabBar

DEBUG

Tab 1

Tab 2

Tab 3

Konten Tab 3