TUGAS UNGUIDED
PEMROGRAMAN PERANGKAT BERGERAK

MODUL VI
INTERAKSI PENGGUNA

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PROGRAM STUDI S1 SOFTWARE ENGINEERING

FAKULTAS INFORMATIKA

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```dart
import 'package:flutter/material.dart';

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

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

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Latihan BottomNavigationBar',
      theme: ThemeData(
        primarySwatch: Colors.orange,
      ),
      home: const MyHomePage(),
    );
  }
}

class MyHomePage extends StatefulWidget {
  const MyHomePage({super.key});

  @override
  _MyHomePageState createState() => _MyHomePageState();
}

class _MyHomePageState extends State<MyHomePage> {
  int _selectedIndex = 0;

  // Tambahkan form dan button pada halaman beranda
  static final List<Widget> _pages = <Widget>[
    Padding(
      padding: const EdgeInsets.all(16.0),
      child: Column(
        crossAxisAlignment: CrossAxisAlignment.stretch,
        mainAxisAlignment: MainAxisAlignment.center,
        children: [
          TextField(
            decoration: InputDecoration(
              border: OutlineInputBorder(),
              hintText: 'Masukkan Nama',
              contentPadding: EdgeInsets.all(12),
            ),
          ),
          SizedBox(height: 16),
          TextField(
            decoration: InputDecoration(
              border: OutlineInputBorder(),
              hintText: 'Masukkan Email',
              contentPadding: EdgeInsets.all(12),
            ),
          ),
```

```dart
             SizedBox(height: 16),
             ElevatedButton(
               onPressed: () {
                 // Aksi saat tombol Submit ditekan
                 print('Form Submitted');
               },
               style: ElevatedButton.styleFrom(
                 backgroundColor: Colors.orange,
               ),
               child: Text('Submit'),
             ),
           ],
         ),
       ),
     Center(child: Text('Ini Halaman Wisata')),
     Center(child: Text('Ini Halaman Profil')),
   ];

   void _onItemTapped(int index) {
     setState(() {
       _selectedIndex = index;
     });
   }

   @override
   Widget build(BuildContext context) {
     return Scaffold(
       appBar: AppBar(
         title: const Text('Latihan BottomNavigationBar'),
       ),
       body: _pages.elementAt(_selectedIndex),
       bottomNavigationBar: BottomNavigationBar(
         items: const <BottomNavigationBarItem>[
           BottomNavigationBarItem(
             icon: Icon(Icons.home),
             label: 'Beranda',
           ),
           BottomNavigationBarItem(
             icon: Icon(Icons.search),
             label: 'Wisata',
           ),
           BottomNavigationBarItem(
             icon: Icon(Icons.person),
             label: 'Profil',
           ),
         ],
         currentIndex: _selectedIndex,
         selectedItemColor: Colors.orange,
         onTap: _onItemTapped,
       ),
     );
   }
 }
```

Output

Latihan BottomNavigationBar

Masukkan Nama

Masukkan Email

Submit

🏠
Beranda

🔍
Wisata

👤
Profil