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## Unguided 6 Interaksi Pengguna

### Sourcecode

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

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

class MyApp extends StatelessWidget {
  const MyApp({Key? key}) : super(key: key);

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Latihan BottomNavigationBar',
      theme: ThemeData(primarySwatch: Colors.orange, useMaterial3: true),
      debugShowCheckedModeBanner: false,
      home: const MainScreen(),
    );
  }
}

class MainScreen extends StatefulWidget {
  const MainScreen({Key? key}) : super(key: key);

  @override
  State<MainScreen> createState() => _MainScreenState();
}

class _MainScreenState extends State<MainScreen> {
  int _selectedIndex = 0;

  // Controller untuk form input
  final TextEditingController _namaController = TextEditingController();
  final TextEditingController _emailController = TextEditingController();

  // Fungsi untuk submit form
  void _submitForm() {
    final nama = _namaController.text;
    final email = _emailController.text;

    if (nama.isEmpty || email.isEmpty) {
      ScaffoldMessenger.of(context).showSnackBar(
```

```

const SnackBar(
  content: Text('Harap isi semua field!'),
  backgroundColor: Colors.red,
),
);
} else {
showDialog(
  context: context,
  builder: (context) => AlertDialog(
    title: const Text('Data Berhasil Disimpan'),
    content: Text('Nama: $nama\nEmail: $email'),
    actions: [
      TextButton(
        onPressed: () {
          Navigator.pop(context);
          _namaController.clear();
          _emailController.clear();
        },
        child: const Text('OK'),
      ),
    ],
  ),
);
}
}

```

// Daftar halaman

```
late final List<Widget> _pages = <Widget>[
```

// Halaman Beranda dengan Form

```

Container(
  color: Colors.grey[100],
  child: Column(
    children: [
      Container(
        width: double.infinity,
        padding: const EdgeInsets.all(16),
        color: Colors.orange,
        child: const Text(
          'Beranda',
          style: TextStyle(
            color: Colors.white,
            fontSize: 18,
            fontWeight: FontWeight.bold,
          ),
        ),
      ),
      Expanded(
        child: Padding(
          padding: const EdgeInsets.all(20),
          child: Column(

```

```

crossAxisAlignment: CrossAxisAlignment.start,
children: [
  TextField(
    controller: _namaController,
    decoration: InputDecoration(
      hintText: 'Masukkan Nama',
      filled: true,
      fillColor: Colors.white,
      border: OutlineInputBorder(
        borderRadius: BorderRadius.circular(8),
        borderSide: BorderSide(color: Colors.grey[300]!),
      ),
      enabledBorder: OutlineInputBorder(
        borderRadius: BorderRadius.circular(8),
        borderSide: BorderSide(color: Colors.grey[300]!),
      ),
    ),
  ),
  const SizedBox(height: 16),
  TextField(
    controller: _emailController,
    keyboardType: TextInputType.emailAddress,
    decoration: InputDecoration(
      hintText: 'Masukkan Email',
      filled: true,
      fillColor: Colors.white,
      border: OutlineInputBorder(
        borderRadius: BorderRadius.circular(8),
        borderSide: BorderSide(color: Colors.grey[300]!),
      ),
      enabledBorder: OutlineInputBorder(
        borderRadius: BorderRadius.circular(8),
        borderSide: BorderSide(color: Colors.grey[300]!),
      ),
    ),
  ),
  const SizedBox(height: 20),
  ElevatedButton(
    onPressed: _submitForm,
    style: ElevatedButton.styleFrom(
      backgroundColor: Colors.amber,
      foregroundColor: Colors.white,
      padding: const EdgeInsets.symmetric(
        horizontal: 32,
        vertical: 12,
      ),
    ),
    shape: RoundedRectangleBorder(
      borderRadius: BorderRadius.circular(8),
    ),
  ),
],

```

```

        child: const Text(
          'Submit',
          style: TextStyle(
            fontSize: 16,
            fontWeight: FontWeight.bold,
          ),
        ),
      ),
    ],
  ),
),
],
),
),
),
),
],
),
),
// Halaman Wisata
const Center(
  child: Text(
    'Ini Halaman Wisata',
    style: TextStyle(fontSize: 18, fontWeight: FontWeight.bold),
  ),
),
// Halaman Profile
const Center(
  child: Text(
    'Ini Halaman Profile',
    style: TextStyle(fontSize: 18, fontWeight: FontWeight.bold),
  ),
),
],
];

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

@override
void dispose() {
  _namaController.dispose();
  _emailController.dispose();
  super.dispose();
}

@override
Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(
      title: const Text(
        'Latihan BottomNavigationBar',

```

```

        style: TextStyle(color: Colors.white),
      ),
      backgroundColor: Colors.orange,
    ),
    body: _pages[_selectedIndex],
    bottomNavigationBar: BottomNavigationBar(
      items: const <BottomNavigationBarItem>[
        BottomNavigationBarItem(icon: Icon(Icons.home), label: 'Beranda'),
        BottomNavigationBarItem(icon: Icon(Icons.business), label: 'Wisata'),
        BottomNavigationBarItem(icon: Icon(Icons.person), label: 'Profile'),
      ],
      currentIndex: _selectedIndex,
      selectedItemColor: Colors.orange,
      unselectedItemColor: Colors.grey,
      onTap: _onItemTapped,
    ),
  );
}
}

```

## Hasil Running

