

DIRECTORY LIST:

/// 01: main.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(  
      //TODO material App  
    );  
  }  
}
```

/// 02: main_page.dart

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

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

```
  @override  
  State<MainPage> createState() => _MainPageState();  
}
```

```
class _MainPageState extends State<MainPage> {  
  @override  
  Widget build(BuildContext context) {  
    return const Scaffold();  
  }  
}
```

/// 03: main_page.dart

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

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

```
  @override  
  State<MainPage> createState() => _MainPageState();  
}
```

```
class _MainPageState extends State<MainPage> {  
  @override  
  Widget build(BuildContext context) {  
    return Scaffold(  
      appBar: AppBar(  
        title: const Text(  
          "Rz Rasel Tutorial - Main Page",  
        ),  
      ),  
    );  
  }  
}
```

.libs

```
├── pages  
│   ├── main_page.dart  
│   ├── second_page.dart  
│   └── third_page.dart  
├── routes  
└── main.dart
```

```
/// 04: second_page.dart
```

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

```
class SecondPage extends StatefulWidget {  
  const SecondPage({super.key});  
  
  @override  
  State<SecondPage> createState() => _SecondPageState();  
}
```

```
class _SecondPageState extends State<SecondPage> {  
  @override  
  Widget build(BuildContext context) {  
    return Scaffold(  
      appBar: AppBar(  
        title: const Text(  
          "Rz Rasel Tutorial - Second Page",  
        ),  
      ),  
    );  
  }  
}
```

```
/// 06 main.dart
```

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

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

```
class MyApp extends StatelessWidget {  
  const MyApp({super.key});  
  
  @override  
  Widget build(BuildContext context) {  
    return const MaterialApp(  
      home: MainPage(),  
    );  
  }  
}
```

```
/// 05: third_page.dart
```

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

```
class ThirdPage extends StatefulWidget {  
  const ThirdPage({super.key});  
  
  @override  
  State<ThirdPage> createState() => _ThirdPageState();  
}
```

```
class _ThirdPageState extends State<ThirdPage> {  
  @override  
  Widget build(BuildContext context) {  
    return Scaffold(  
      appBar: AppBar(  
        title: const Text(  
          "Rz Rasel Tutorial - Third Page",  
        ),  
      ),  
    );  
  }  
}
```

```
/// 07 app_route_manager.dart
```

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

```
class AppRouteManager {  
  static const String homePage = "/";  
  static const String secondPage = "/secondPage";  
  static const String thirdPage = "/thirdPage";  
}
```

```
/// 08 main.dart
```

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

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

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

```
  @override  
  Widget build(BuildContext context) {  
    return const MaterialApp(  
      home: MainPage(),  
      onGenerateRoute: ,  
    );  
  }  
}
```

```
/// 09 app_route_manager.dart
```

```
import 'package:flutter/material.dart';  
import '../pages/main_page.dart';  
import '../pages/second_page.dart';  
import '../pages/third_page.dart';
```

```
class AppRouteManager {  
  static const String homePage = "/";  
  static const String secondPage = "/secondPage";  
  static const String thirdPage = "/thirdPage";
```

```
  static Route<dynamic>? generateRoute(RouteSettings settings) {  
    switch(settings.name) {  
      case homePage:  
        return MaterialPageRoute(builder: (context) => const MainPage(),);  
      case secondPage:  
        return MaterialPageRoute(builder: (context) => const SecondPage(),);  
      case thirdPage:  
        return MaterialPageRoute(builder: (context) => const ThirdPage(),);  
      default:  
        throw const FormatException("Route not found");  
    }  
  }  
}
```

```
/// 10 main.dart
```

```
import 'package:flutter/material.dart';
import 'package:rz_flutter_navigation_routes/routes/app_route_manager.dart';
import 'pages/main_page.dart';
```

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

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

```
  @override
  Widget build(BuildContext context) {
    return const MaterialApp(
      initialRoute: AppRouteManager.homePage,
      onGenerateRoute: AppRouteManager.generateRoute,
    );
  }
}
```

```
/// 11 main_page.dart
```

```
import 'package:flutter/material.dart';
import 'package:rz_flutter_navigation_routes/routes/app_route_manager.dart';

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

  @override
  State<MainPage> createState() => _MainPageState();
}
```

```
class _MainPageState extends State<MainPage> {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text(
          "Rz Rasel Tutorial - Main Page",
        ),
      ),
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            ElevatedButton(
              child: const Text("Go to second page"),
              onPressed: () {
                Navigator.of(context).pushNamed(AppRouteManager.secondPage);
              },
            ),
            const SizedBox(height: 20,),
            ElevatedButton(
              child: const Text("Go to third page"),
              onPressed: () {
                Navigator.of(context).pushNamed(AppRouteManager.thirdPage);
              },
            ),
          ],
        ),
      ),
    );
  }
}
```

```
/// 12 second_page.dart
```

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

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

  @override
  State<SecondPage> createState() => _SecondPageState();
}

class _SecondPageState extends State<SecondPage> {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text(
          "Rz Rasel Tutorial - Second Page",
        ),
      ),
      body: Center(
        child: ElevatedButton(
          child: const Text("Go back to main page"),
          onPressed: () {
            Navigator.pop(context);
          },
        ),
      ),
    );
  }
}
```

```
/// 13 main_page.dart
```

```
import 'package:flutter/material.dart';
import 'package:rz_flutter_navigation_routes/routes/app_route_manager.dart';

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

  @override
  State<MainPage> createState() => _MainPageState();
}

class _MainPageState extends State<MainPage> {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text(
          "Rz Rasel Tutorial - Main Page",
        ),
      ),
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            Text(
              "Rz Rasel Tutorial - Main Page",
            ),
            ElevatedButton(
              child: const Text("Go to second page"),
              onPressed: () {
                Navigator.push(context, MaterialPageRoute(builder: (context) {
                  return SecondPage();
                }));
              },
            ),
          ],
        ),
      ),
    );
  }
}
```

```

        children: [
          ElevatedButton(
            child: Text("Go to second page"),
            onPressed: () {
              Navigator.of(context).pushNamed(AppRouteManager.secondPage);
            },
          ),
          const SizedBox(height: 20,),
          ElevatedButton(
            child: const Text("Go to third page"),
            onPressed: () {
              Navigator.of(context).pushNamed(AppRouteManager.thirdPage, arguments: {
                "name" : "Rz Rasel"
              });
            },
          ),
        ],
      ),
    ),
  );
}
}

```

/// 14 app_route_manager.dart

```

import 'package:flutter/material.dart';
import '../pages/main_page.dart';
import '../pages/second_page.dart';
import '../pages/third_page.dart';

class AppRouteManager {
  static const String homePage = "/";
  static const String secondPage = "/secondPage";
  static const String thirdPage = "/thirdPage";

  static Route<dynamic>? generateRoute(RouteSettings settings) {
    var valuePassed;
    if(settings.arguments != null) {
      valuePassed = settings.arguments as Map<String, dynamic>;
    }

    switch(settings.name) {
      case homePage:
        return MaterialPageRoute(builder: (context) => const
MainPage(),);
      case secondPage:
        return MaterialPageRoute(builder: (context) => const
SecondPage(),);
      case thirdPage:
        return MaterialPageRoute(builder: (context) => ThirdPage(name:
valuePassed["name"],),);
      default:
        throw const FormatException("Route not found");
    }
  }
}

```

```

/// main_page.dart

import 'package:flutter/material.dart';
import 'package:rz_flutter_navigation_routes/routes/app_route_manager.dart';

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

  @override
  State<MainPage> createState() => _MainPageState();
}

class _MainPageState extends State<MainPage> {
  dynamic result = "Result back data";
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text(
          "Rz Rasel Tutorial - Main Page",
        ),
      ),
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            ElevatedButton(
              child: const Text("Go to second page"),
              onPressed: () {
                Navigator.of(context).pushNamed(AppRouteManager.secondPage);
              },
            ),
            const SizedBox(height: 20,),
            ElevatedButton(
              child: const Text("Go to third page"),
              onPressed: () async {
                var resultBack = await
Navigator.of(context).pushNamed(AppRouteManager.thirdPage, arguments: {
                  "name" : "Rz Rasel"
                });
                setState(() {
                  result = resultBack;
                });
              },
            ),
            Text(
              "$result",
            ),
          ],
        ),
      ),
    );
  }
}
/// main_page.dart

import 'package:flutter/material.dart';
import
'package:rz_flutter_navigation_routes/routes/app_route_manager.dart';

class MainPage extends StatefulWidget {
  const MainPage({super.kev}):

```

```

    @override
    State<MainPage> createState() => _MainPageState();
}

class _MainPageState extends State<MainPage> {
  dynamic result = "Result back data";
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text(
          "Rz Rasel Tutorial - Main Page",
        ),
      ),
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            ElevatedButton(
              child: const Text("Go to second page"),
              onPressed: () {
                Navigator.of(context).pushNamed(AppRouteManager.secondPage);
              },
            ),
            const SizedBox(height: 20,),
            ElevatedButton(
              child: const Text("Go to third page"),
              onPressed: () async {
                var resultBack = await
                Navigator.of(context).pushNamed(AppRouteManager.thirdPage, arguments: {
                  "name" : "Rz Rasel"
                });
                setState(() {
                  result = resultBack;
                });
              },
            ),
            Text(
              "$result",
            ),
          ],
        ),
      ),
    );
  }
}

```



```

/// main_page.dart

import 'package:flutter/material.dart';
import
'package:rz_flutter_navigation_routes/routes/app_route_manager.dart';

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

  @override
  State<MainPage> createState() => _MainPageState();
}

class _MainPageState extends State<MainPage> {
  dynamic result = "Result back data";
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text(
          "Rz Rasel Tutorial - Main Page",
        ),
      ),
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            ElevatedButton(
              child: const Text("Go to second page"),
              onPressed: () {
Navigator.of(context).pushNamed(AppRouteManager.secondPage);
              },
            ),
            const SizedBox(height: 20,),
            ElevatedButton(
              child: const Text("Go to third page"),
              onPressed: () async {
                var resultBack = await
Navigator.of(context).pushNamed(AppRouteManager.thirdPage, arguments: {
                  "name" : "Rz Rasel"
                });
                setState(() {
                  result = resultBack;
                });
              },
            ),
            Text(
              "$result",
            ),
          ],
        ),
      ),
    );
  }
}

```

```

/// main_page.dart

import 'package:flutter/material.dart';
import
'package:rz_flutter_navigation_routes/routes/app_route_manager.dart';

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

  @override
  State<MainPage> createState() => _MainPageState();
}

class _MainPageState extends State<MainPage> {
  dynamic result = "Result back data";
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text(
          "Rz Rasel Tutorial - Main Page",
        ),
      ),
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            ElevatedButton(
              child: const Text("Go to second page"),
              onPressed: () {
Navigator.of(context).pushNamed(AppRouteManager.secondPage);
              },
            ),
            const SizedBox(height: 20,),
            ElevatedButton(
              child: const Text("Go to third page"),
              onPressed: () async {
                var resultBack = await
Navigator.of(context).pushNamed(AppRouteManager.thirdPage, arguments: {
                  "name" : "Rz Rasel"
                });
                setState(() {
                  result = resultBack;
                });
              },
            ),
            Text(
              "$result",
            ),
          ],
        ),
      ),
    );
  }
}

```