

```

import 'package:flutter/material.dart';

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

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

  @override
  State<MyApp> createState() => _MyAppState();
}

class _MyAppState extends State<MyApp> {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: Scaffold(
        appBar: AppBar(
          backgroundColor: Colors.green,
          title: const Text('GeeksforGeeks'),
        ),
        body: const FirstScreen());
  }
}

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

  @override
  Widget build(BuildContext context) {
    return Container(
      child: Center(
        child: RaisedButton(
          color: Colors.green,
          onPressed: () => Navigator.of(context)
            .push(MaterialPageRoute(builder: (context) => const NewScreen()))),
        child: const Text('Move to next screen',
          style: TextStyle(color: Colors.white),
        ),
      ),
    );
  }
}

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

  @override
  State<NewScreen> createState() => _NewScreenState();
}

class _NewScreenState extends State<NewScreen> {
  TextEditingController textEditingController = TextEditingController();

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('GeeksforGeeks '),
        backgroundColor: Colors.green,
      ),
      body: Container(
        child: Center(
          child: Padding(
            padding: const EdgeInsets.symmetric(horizontal: 20.0),
            child: Container(
              child: Text('User Interface Changed!!',),
            ),
          ),
        ),
      ),
    );
  }
}

```

The diagram illustrates the flow of widget creation and navigation between three classes: **MyApp**, **FirstScreen**, and **NewScreen**.

- MyApp** (StatefulWidget) is the root widget. It contains a **FirstScreen** widget in its `body` property.
- FirstScreen** (StatelessWidget) is a widget that, when pressed, navigates to the **NewScreen** using `Navigator.of(context).push(...)`.
- NewScreen** (StatefulWidget) is the next screen to be displayed after navigation.

Arrows in the diagram indicate the following flow:

- A blue arrow points from the `runApp(MyApp())` call in `main()` to the **MyApp** class.
- A blue arrow points from the `body` property of **MyApp** to the **FirstScreen** class.
- A blue arrow points from the `onPressed` callback of **FirstScreen** to the **NewScreen** class.