

## MPL

### Experiment 5

**Aim:** To apply navigation, routing and gestures in Flutter App

**Program:**

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

class HomeScreen extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text("Xerox Center"),
        actions: [
          GestureDetector(
            onTap: () {
              Navigator.pop(context);
            },
            child: Padding(
              padding: EdgeInsets.symmetric(horizontal: 16),
              child: Icon(Icons.exit_to_app),
            ),
          ),
        ],
      ),
      body: GestureDetector(
        onDoubleTap: () {
          ScaffoldMessenger.of(context).showSnackBar(
            SnackBar(content: Text("Double Tap Detected")),
          );
        },
        onLongPress: () {
          ScaffoldMessenger.of(context).showSnackBar(
            SnackBar(content: Text("Long Press Detected")),
          );
        },
        child: Center(
          child: Column(
            mainAxisAlignment: MainAxisAlignment.center,
            children: [
              GestureDetector(
                onTap: () {
                  Navigator.push(
```

```

        context,
        MaterialPageRoute(builder: (context) => OrderScreen()),
    );
},
child: ElevatedButton(
    onPressed: null, // Button is controlled by GestureDetector
    child: Text("Place Order"),
),
),
 SizedBox(height: 20),
 GestureDetector(
    onTap: () {
        Navigator.push(
            context,
            MaterialPageRoute(builder: (context) => PreviousOrdersScreen()),
        );
    },
    child: ElevatedButton(
        onPressed: null, // Controlled by GestureDetector
        child: Text("See Previous Orders"),
    ),
),
),
),
),
),
);
}
}

```

**Output:**

## Xerox Center



Place Order

See Previous Orders