

**MPL EXP 4**

**Aim:** To create an interactive Form using form widget

Code:

**main.dart**

```
import 'package:flutter/material.dart';
import 'package:blinkit/screens/signin_screen.dart';
import 'package:blinkit/screens/homepage.dart';
import 'package:blinkit/screens/categories.dart' show CategoriesScreen;
import 'package:blinkit/screens/bakery_biscuits.dart';
```

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

```
class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'Grocery App',
      theme: ThemeData(
        primarySwatch: Colors.green,
      ),
      initialRoute: '/',
      routes: {
        '/': (context) => SignInScreen(),
        '/home': (context) => HomePage(),
        '/categories': (context) => CategoriesScreen(),
        '/bakery_biscuits': (context) => BakeryBiscuitsPage(),
      },
    );
  }
}
```

**signin\_screen.dart**

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

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

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      backgroundColor: Colors.white,
```

```

body: Stack(
  children: [
    // 🍷 Background Image at the Top
    Positioned(
      top: 0,
      left: 0,
      right: 0,
      child: Container(
        width: double.infinity,
        height: MediaQuery.of(context).size.height *
          0.45, // Takes 45% of screen
        decoration: BoxDecoration(
          image: DecorationImage(
            image:
AssetImage("https://via.placeholder.com/400x300.png?text=Placeholder+Image"),
            fit: BoxFit.fitHeight,
          ),
        ),
      ),
    ),
    // 🍷 Bottom White Login Section
    Positioned(
      bottom: 0,
      left: 0,
      right: 0,
      child: Container(
        width: double.infinity,
        height: MediaQuery.of(context).size.height * 0.55,
        decoration: BoxDecoration(
          color: Colors.white,
          borderRadius: BorderRadius.vertical(top: Radius.circular(20)),
        ),
      ),
      child: Column(
        mainAxisAlignment: MainAxisAlignment.min,
        children: [
          // Blinkit Logo
          Image.asset("assets/blinkit_logo.png", height: 50),
          SizedBox(height: 16),

          // Title
          Text(
            "India's last minute app",
            style: GoogleFonts.lato(
              fontSize: 20, fontWeight: FontWeight.bold),
          ),
          SizedBox(height: 8),
          Text(

```

```

        "Log in or sign up",
        style: TextStyle(fontSize: 16, color: Colors.grey[600]),
    ),
    SizedBox(height: 20),

    // Mobile Number Input
    TextField(
        keyboardType: TextInputType.phone,
        decoration: InputDecoration(
            prefixText: "+91 ",
            hintText: "Enter mobile number",
            border: OutlineInputBorder(
                borderRadius: BorderRadius.circular(10)),
            filled: true,
            fillColor: Colors.grey[200],
        ),
    ),
    SizedBox(height: 20),

    // Continue Button
    SizedBox(
        width: double.infinity,
        height: 50,
        child: ElevatedButton(
            onPressed: () {
                // Navigate to Home Screen
                Navigator.pushNamed(context, '/home');
            },
            style: ElevatedButton.styleFrom(
                backgroundColor: Colors.grey[700],
                foregroundColor: Colors.white,
                shape: RoundedRectangleBorder(
                    borderRadius: BorderRadius.circular(8)),
            ),
            child: Text("Continue", style: TextStyle(fontSize: 18)),
        ),
    ),

    SizedBox(height: 16),

    // Terms & Conditions
    Text(
        "By continuing, you agree to our Terms of service & Privacy policy",
        textAlign: TextAlign.center,
        style: TextStyle(fontSize: 12, color: Colors.grey[600]),
    ),
],
),

```

```

    ),
  ),
],
),
);
}
}

```

### otpscreen.dart

```

import 'package:flutter/material.dart';

class OTPScreen extends StatefulWidget {
  @override
  _OTPScreenState createState() => _OTPScreenState();
}

class _OTPScreenState extends State<OTPScreen> {
  final TextEditingController otpController = TextEditingController();

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      backgroundColor: Colors.white,
      body: Padding(
        padding: const EdgeInsets.all(24.0),
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          crossAxisAlignment: CrossAxisAlignment.center,
          children: [
            // Title
            Text(
              "Enter OTP",
              style: TextStyle(fontSize: 22, fontWeight: FontWeight.bold),
            ),
            SizedBox(height: 10),

            // Instructions
            Text(
              "We have sent a 6-digit code to your phone number.",
              textAlign: TextAlign.center,
              style: TextStyle(fontSize: 16, color: Colors.grey[600]),
            ),
            SizedBox(height: 30),

            // OTP Input Field
            TextField(
              controller: otpController,
              keyboardType: TextInputType.number,

```

[illegible]

```
    ),  
    ),  
    );  
  }  
}
```

## Output:

