

Experiment No. 4

AIM : To create an interactive Form using form widget.

Code :

Login_page.dart :

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


class LoginPage extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      backgroundColor: Color(0xFF7D73E8), // Light purple background
      body: Center(
        child: Padding(
          padding: const EdgeInsets.symmetric(horizontal: 20.0),
          child: Column(
            mainAxisAlignment: MainAxisAlignment.center,
            children: [
              SizedBox(height: 100),
              Text(
                'magicpin',
                style: TextStyle(
                  fontSize: 32,
                  fontWeight: FontWeight.bold,
                  color: Colors.white,
                ),
              ),
              SizedBox(height: 5),
              Text(
                'Local Savings SuperApp',
                style: TextStyle(
                  fontSize: 16,
                  color: Colors.white,
                ),
              ),
              SizedBox(height: 120),
              Text(
                "Hey, what's your number?",
                style: TextStyle(
                  fontSize: 20,
                  fontWeight: FontWeight.bold,
                  color: Colors.white,
                ),
              ),
              SizedBox(height: 10),
              Text(
                "Your wallet balance will be linked to this number. Don't worry, we will never make it public.",
                textAlign: TextAlign.center,
                style: TextStyle(
                  fontSize: 14,
                  color: Colors.white,
                ),
              ),
            ],
          ),
        ),
      ),
    );
  }
}
```

```

    ),
  ),
  SizedBox(height: 30),
  Container(
    decoration: BoxDecoration(
      color: Colors.white,
      borderRadius: BorderRadius.circular(10),
    ),
    child: Row(
      children: [
        Padding(
          padding: const EdgeInsets.all(8.0),
          child: Image.asset('assets/images/india_flag.jpg', width: 24),
        ),
        Text(
          '+91',
          style: TextStyle(fontSize: 16, fontWeight: FontWeight.bold),
        ),
        Icon(Icons.arrow_drop_down),
        Expanded(
          child: TextField(
            keyboardType: TextInputType.phone,
            decoration: InputDecoration(
              hintText: 'Enter mobile no.',
              border: InputBorder.none,
              contentPadding: EdgeInsets.symmetric(horizontal: 10),
            ),
          ),
        ),
      ],
    ),
  ),
  SizedBox(height: 20),
  ElevatedButton(
    onPressed: () {},
    style: ElevatedButton.styleFrom(
      backgroundColor: Colors.grey[300],
      padding: EdgeInsets.symmetric(horizontal: 100, vertical: 15),
    ),
    child: Text(
      'Login',
      style: TextStyle(color: Colors.black, fontSize: 16),
    ),
  ),
  SizedBox(height: 30),
  Text(
    "By clicking 'Login', you accept our",
    style: TextStyle(color: Colors.white, fontSize: 12),
  ),
  Text(
    "Privacy Policy",
    style: TextStyle(
      color: Colors.white,
      fontSize: 12,
      fontWeight: FontWeight.bold,
    ),
  ),

```

```

    ),
    Spacer(),
    SizedBox(
      // width: double.infinity, // Makes it take full width
      width: MediaQuery.of(context).size.width, // Takes full screen width
      child : Container(
        padding: EdgeInsets.all(10),
        color: Colors.white,
        child: Column(
          children: [
            Text(
              "₹500 worth  magicPoints",
              style: TextStyle(fontSize: 14, fontWeight: FontWeight.bold),
            ),
            Text(
              "New users - Sign up now to claim your bonus!",
              style: TextStyle(fontSize: 12),
            ),
          ],
        ),
      ),
    ),
  ],
),
),
),
],
),
),
),
);
}
}

```

lib/theme/theme.dart :

```

import 'package:flutter/material.dart';

class AppTheme {
  static const Color primaryColor = Color(0xFF796EFF); // Adjust as needed

  static ThemeData lightTheme = ThemeData(
    primaryColor: primaryColor,
    scaffoldBackgroundColor: primaryColor,
    textTheme: TextTheme(
      headlineLarge: TextStyle(fontSize: 24, fontWeight: FontWeight.bold, color: Colors.white),
      bodyLarge: TextStyle(fontSize: 16, color: Colors.white),
    ),
  );
}

```

Main.dart :

```

import 'package:flutter/material.dart';
import 'screens/login_page.dart';
import 'theme/theme.dart';

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

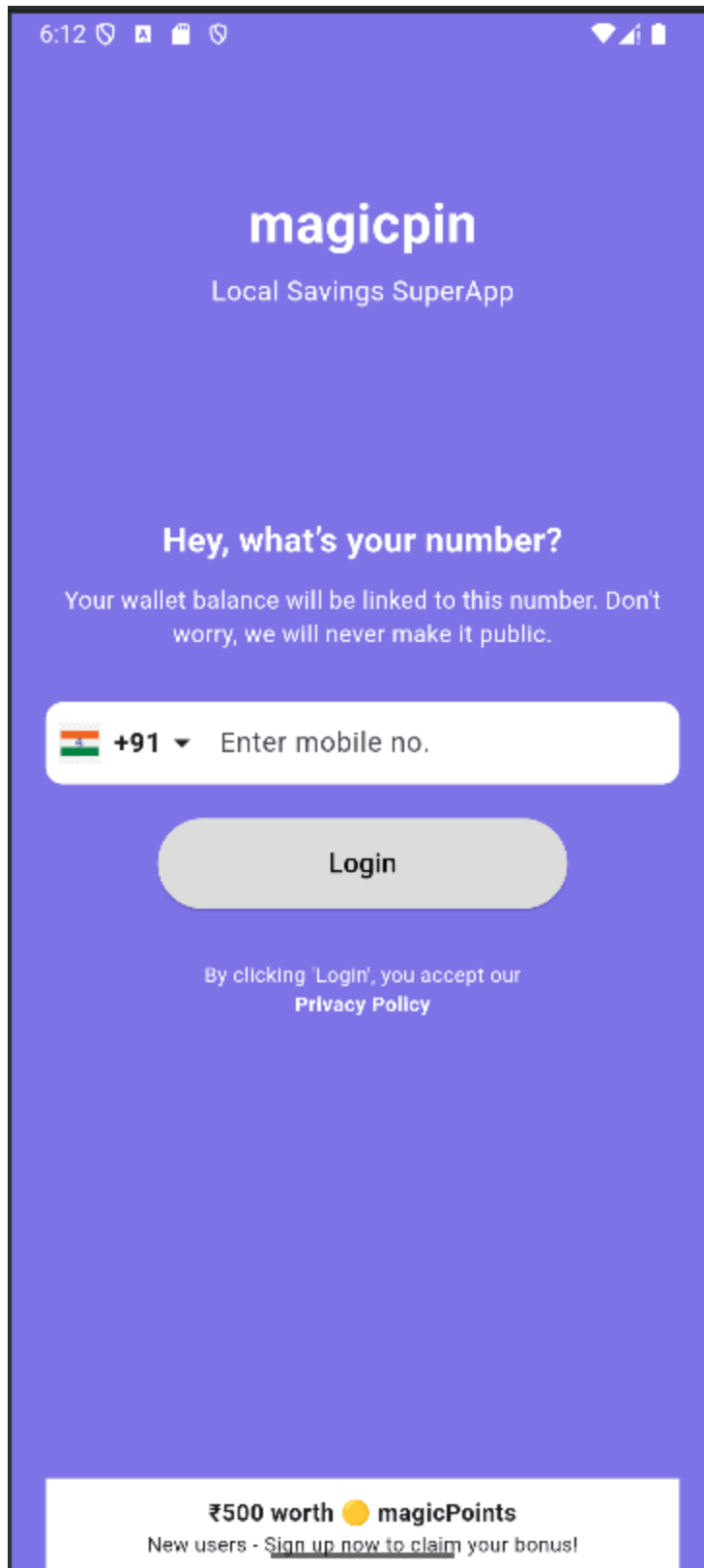
```

```
class MyApp extends StatelessWidget {  
  @override  
  Widget build(BuildContext context) {  
    return MaterialApp(  
      debugShowCheckedModeBanner: false,  
      title: 'Magicpin Clone',  
      theme: AppTheme.lightTheme, //ThemeData(primarySwatch: Colors.blue),  
      home: LoginPage(),  
    );  
  }  
}
```

Pubspec.yaml:

```
assets:  
  - assets/images/india_flag.jpg
```

ScreenShots :



Widgets :

TextField: For user input (e.g., username, password).

FlatButton or ElevatedButton: For submitting login credentials.

Text: To display static text like "Welcome" or error messages.

Column: To arrange multiple widgets vertically (e.g., input fields and buttons).

Row: For horizontally aligning widgets (e.g., forgot password link and other actions).

Padding: To add space around widgets.

Icon: To show icons in the input fields or buttons.

Container: For custom styling of sections, buttons, or inputs.

Form: To handle validation of login inputs.

GestureDetector: For detecting taps (e.g., to navigate or submit).

ThemeData: To define the overall visual properties of your app (colors, fonts, etc.).

MaterialApp: To wrap your app with a theme and other configurations.