

Aim : To create an interactive Form using form widget

Theory: In Flutter, forms are essential for collecting and validating user input. The Form widget acts as a container for form fields, managing their state and validation. TextFormField is a commonly used widget for single-line text input, offering built-in validation and state management. By combining these widgets, developers can create robust forms that provide real-time feedback to users, enhancing the overall user experience.

Steps to Perform:

1. Set Up a New Flutter Project:

Create a new Flutter application using the command: `flutter create form_app`.

Navigate to the project directory: `cd form_app`

2. Design the Form Interface:

create.dart

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

class Create extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar:
      AppBar(
        title: Text("Create
Account"),
        backgroundColor: Colors.blueAccent,
      ),
      body: Padding(
        padding: const
EdgeInsets.all(20.0),
        child: Column(
          crossAxisAlignment: CrossAxisAlignment.start,
          children: [
            Text(
              "Create Account Form",
              style: TextStyle(fontSize:
24, fontWeight: FontWeight.bold),
            ),
            SizedBox(height: 10),
            Text("Complete your profile by filling in this account creation form."),
          ],
        ),
      ),
    );
  }
}
```

```

        SizedBox(height: 20),      TextField(
decoration: InputDecoration(labelText: "First Name"),
    ),
    TextField(                      decoration:
InputDecoration(labelText: "Last Name"),
    ),
    TextField(                      decoration:
InputDecoration(labelText: "Email"),
    ),
    TextField(                      decoration:
InputDecoration(labelText:      "Birthdate"),
keyboardType: TextInputType.datetime,
    ),
    TextField(                      decoration: InputDecoration(labelText:
"Preferred Username"),
    ),
    SizedBox(height: 20),
    Text("Do you want to receive updates by email?"),
    Row(
      children: [      Expanded(      child: ListTile(      title:
Text("Yes"),      leading: Radio(value: true, groupValue: null, onChanged:
(val) {}),
    ),
    ),
    Expanded(      child: ListTile(      title: Text("No"),
leading: Radio(value: false, groupValue: null, onChanged: (val) {}),
    ),
  ],
),
    SizedBox(height: 20),      Center(      child:
ElevatedButton(      onPressed: () {},      style:
ElevatedButton.styleFrom(      backgroundColor:
Colors.blueAccent,      padding:
EdgeInsets.symmetric(horizontal: 40, vertical: 15),
    ),
    child: Text("Create Account"),
  ),
),
],
),
),

```

```
);  
}  
}
```

OUTPUT



Create Account

Create Account Form

Complete your profile by filling in this account creation form.

First Name

Last Name

Email

Birthdate

Preferred Username

Do you want to receive updates by email?

☐ Yes

☐ No

Create Account

localhost:63203

localhost:63203

Create Account

Create Account Form

Complete your profile by filling in this account creation form.

First Name

SHRUSTI

Last Name

CHINTAWAR

Email

2022.shrusti.chintawar

Birthdate

14/01/2005

Preferred Username

SHRUSTI

Do you want to receive updates by email?

☐ Yes

☐ No

Create Account