



PARSHVANATH CHARITABLE TRUST'S

A. P. SHAH INSTITUTE OF TECHNOLOGY

(All Branches NBA Accredited)



Department of Information Technology

Academic Year: 2024-25

Semester: VI

Class / Branch / Div: TE- IT C

Subject: MAD & PWA Lab

Name of Instructor: Prof. Sujata Oak

Name of Student:

Student ID:

Roll No.

Date of Submission:

Experiment No.:4

Aim: To Design an interactive Form using various form widgets.

Implementation:

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

void main() => runApp(MyApp());

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      home: Scaffold(
        appBar: AppBar(title: Text("Form Example")),
        body: MyForm(),
      ),
    );
  }
}

class MyForm extends StatefulWidget {
  @override
  _MyFormState createState() => _MyFormState();
}

class _MyFormState extends State<MyForm> {
  final _formKey = GlobalKey<FormState>();

  @override
  Widget build(BuildContext context) {
    return Form(
      key: _formKey,
      child: Padding(
        padding: const EdgeInsets.all(16.0),
        child: Column(
          children: [
            TextFormField(
```



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```
decoration: InputDecoration(labelText: 'Name'),
validator: (value) {
  if (value == null || value.isEmpty) {
    return 'Please enter your name';
  }
  return null;
},
),
TextFormField(
  decoration: InputDecoration(labelText: 'Email'),
  validator: (value) {
    if (value == null || value.isEmpty) {
      return 'Please enter your email';
    }
    return null;
  },
),
ElevatedButton(
  onPressed: () {
    if (_formKey.currentState!.validate()) {
      ScaffoldMessenger.of(context).showSnackBar(
        SnackBar(content: Text('Form Submitted')),
      );
    }
  },
  child: Text('Submit'),
),
],
),
),
);
}
```

OUTPUT:



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localhost:58428

localhost:58428

Form Example

DEBUG

Name
Sujata Oak

Email
saoak@apsit.edu.in

Submit

Form Submitted

Conclusion: In this experiment we have designed an interactive form by using various form widgets.