



PARSHVANATH CHARITABLE TRUST'S
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Department of Information Technology

Academic Year: 2024-25

Semester: VI

Class / Branch / Div: TE- IT A/B/C

Subject: MAD & PWA Lab

Name of Instructor: Prof. Sujatha Oak

Name of Student: Vijay Madiwal

Student ID: 23204010

Roll No. 13

Date of Submission: 30/01/25

Experiment No.:2

Aim: To install and configure Flutter Environment.

Prerequisites: Android studio, flutter SDK

Problem Statement: To develop a flutter UI for creating student-ID using basic widgets of flutter.

Software: Android studio, flutter SDK.

Code:

main.dart :

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

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

```
class MyApp extends StatelessWidget {  
  const MyApp({super.key});
```

```
// This widget is the root of your application.
```

```
@override
```

```
Widget build(BuildContext context) {
```



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```
return MaterialApp(  
  title: 'Flutter Demo',  
  theme: ThemeData(  
    colorScheme: ColorScheme.fromSeed(seedColor: Colors.deepPurple),  
    useMaterial3: true,  
  ),  
  home: IdCard()  
);  
}  
}
```

id_card.dart :

```
import 'package:flutter/material.dart';  
  
class IdCard extends StatefulWidget {  
  const IdCard({super.key});  
  
  @override  
  State<IdCard> createState() => _IdCardState();  
}  
  
class _IdCardState extends State<IdCard> {  
  get onPressed => null;  
  
  @override  
  Widget build(BuildContext context) {  
    return Scaffold(  
      appBar: AppBar(  

```



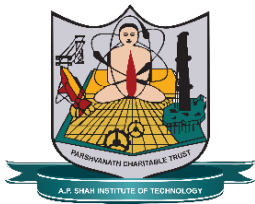
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```
backgroundColor: Colors.cyan,
title: Center(
  child: Text(
    'TE-IT-ID CARD',
    style: TextStyle(color: Colors.red, fontStyle: FontStyle.italic),
  )),
),
body: Padding(
  padding: const EdgeInsets.all(10),
  child: Column(
    crossAxisAlignment:
      CrossAxisAlignment.start, // Align text to the left
    children: [
      Center(
        child: CircleAvatar(
          radius: 80,
          backgroundImage: AssetImage('assets/images/img.jpg'),
        ),
      ),
      Divider(),
      // Name Section
      Row(
        children: [
          Icon(Icons.person, size: 30), // Icon for name
          SizedBox(width: 10), // Add space between icon and text
          Text(
            'NAME',
```



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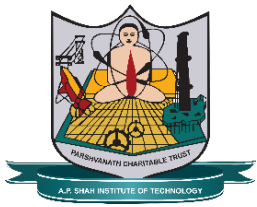
```
style: TextStyle(fontSize: 26, fontWeight: FontWeight.bold),
),
],
),
Text('Vijay Madiwal', style: TextStyle(fontSize: 22)),

 SizedBox(height: 10), // Space between sections

// Address Section
Row(
  children: [
    Icon(Icons.location_on, size: 30), // Icon for address
    SizedBox(width: 10),
    Text(
      'ADDRESS',
      style: TextStyle(fontSize: 26, fontWeight: FontWeight.bold),
    ),
  ],
),
Text('Anand Nagar Ambarnath West', style: TextStyle(fontSize: 22)),

 SizedBox(height: 10),

// Current Year Section
Row(
  children: [
    Icon(Icons.calendar_today, size: 30), // Icon for current year
    SizedBox(width: 10),
```

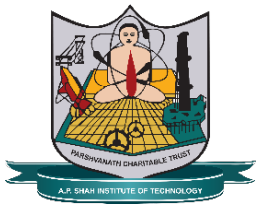


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```
Text(  
  'CURRENT YEAR',  
  style: TextStyle(fontSize: 26, fontWeight: FontWeight.bold),  
)  
,  
,  
,  
Text('2024-2025', style: TextStyle(fontSize: 22)),  
  
  SizedBox(height: 10),  
  
  // Email Section  
  Row(  
    children: [  
      Icon(Icons.email, size: 30), // Icon for email  
      SizedBox(width: 10),  
      Text(  
        'Email',  
        style: TextStyle(fontSize: 26, fontWeight: FontWeight.bold),  
      ),  
    ],  
  ),  
  Text('vijay@apsit.edu.in',  
    style: TextStyle(fontSize: 22)),  
  SizedBox(  
    height: 30,  
  ),  
  Center(  
    child: ElevatedButton(  

```



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```
onPressed: onPressed,  
child: Text(  
  'Press here ',  
  style: TextStyle(color: Colors.deepOrange),  
)),  
)  
,  
,  
));  
}  
}
```

pubspec.yaml :

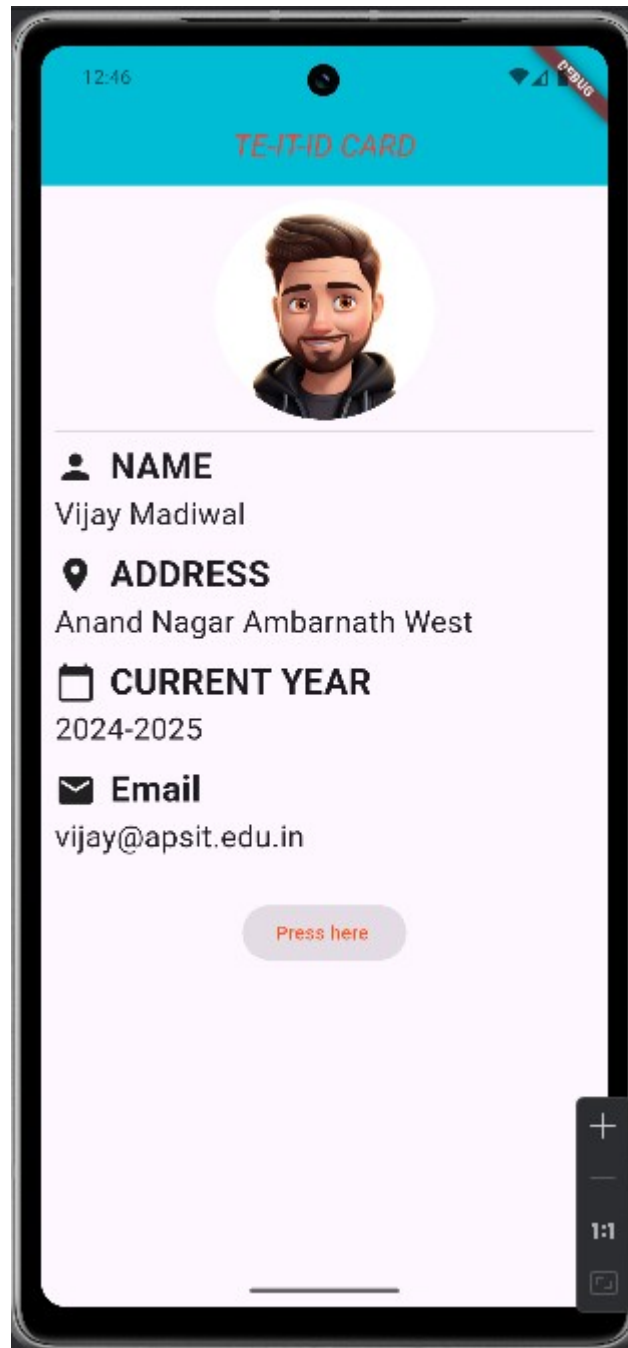
```
assets:  
  - assets/images/
```



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Output :



Conclusion: In this experiment we have created user interface by using flutter common widgets.