**Department of Information Technology**

**Academic Year: 2022-23 Name of Student:**

**Semester: VI Student ID:**

**Class / Branch / Div: TE- IT A/B Roll No.**

**Subject: MAD & PWA Lab Date of Submission:**

**Name of Instructor:**

**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:**

**import 'package:flutter/material.dart'**;  
  
**void** main() => runApp(MaterialApp(  
 home: IdCard(),  
));  
  
**class** IdCard **extends** StatelessWidget {  
 @override  
 Widget build(BuildContext context) {  
 **return** Scaffold(  
 backgroundColor: Colors.*grey*[900],  
 appBar: AppBar(  
 title: Text(**'TE-IT ID Card'**),  
 centerTitle: **true**,  
 backgroundColor: Colors.*grey*[850],  
 elevation: 0.0,  
 ),  
 body: Padding(  
 padding: **const** EdgeInsets.fromLTRB(30.0, 40.0, 30.0, 0),  
 child: Column(  
 crossAxisAlignment: CrossAxisAlignment.**start**,  
 children: <Widget>[  
 Center(  
 child: CircleAvatar(  
 radius: 40.0,  
 backgroundImage: AssetImage(**'thumb.jpg'**),  
 ),  
 ),  
 Divider(  
 color: Colors.*grey*[800],  
 height: 60.0,  
 ),  
 Text(  
 **'NAME'**,  
 style: TextStyle(  
 color: Colors.*grey*,  
 letterSpacing: 2.0,  
 ),  
 ),  
 SizedBox(height: 10.0),  
 Text(  
 **'Shrihan'**,  
 style: TextStyle(  
 color: Colors.*amberAccent*[200],  
 fontWeight: FontWeight.*bold*,  
 fontSize: 28.0,  
 letterSpacing: 2.0,  
 ),  
 ),  
 SizedBox(height: 30.0),  
 Text(  
 **'HOMETOWN'**,  
 style: TextStyle(  
 color: Colors.*grey*,  
 letterSpacing: 2.0,  
 ),  
 ),  
 SizedBox(height: 10.0),  
 Text(  
 **'Thane- India'**,  
 style: TextStyle(  
 color: Colors.*amberAccent*[200],  
 fontWeight: FontWeight.*bold*,  
 fontSize: 28.0,  
 letterSpacing: 2.0,  
 ),  
 ),  
 SizedBox(height: 30.0),  
 Text(  
 **'Current Academic Year'**,  
 style: TextStyle(  
 color: Colors.*grey*,  
 letterSpacing: 2.0,  
 ),  
 ),  
 SizedBox(height: 10.0),  
 Text(  
 **'2021-2022'**,  
 style: TextStyle(  
 color: Colors.*amberAccent*[200],  
 fontWeight: FontWeight.*bold*,  
 fontSize: 28.0,  
 letterSpacing: 2.0,  
 ),  
 ),  
 SizedBox(height: 30.0),  
 Row(  
 children: <Widget>[  
 Icon(  
 Icons.*email*,  
 color: Colors.*grey*[400],  
 ),  
 SizedBox(width: 10.0),  
 Text(  
 **'shrihan@apsit.edu.in'**,  
 style: TextStyle(  
 color: Colors.*grey*[400],  
 fontSize: 18.0,  
 letterSpacing: 1.0,  
 ),  
 )  
 ],  
 ),  
 ],  
 ),  
 ),  
 );  
 }  
}

**Output:**

Graphical user interface, text, application

Description automatically generated

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