SINDH MADRESSATUL ISLAM UNIVERSITY

Aiwan-e-Tijarat Rd, Seari Quarters, Karachi, Karachi City, Sindh 74000, Pakistan.

Department of Computer Science
Program: BS Computer Science

Course Number	**SEN 417**
Section Number	**E (Evening)**
Course Title	**Mobile Application Development**
Semester/Year	**VI / 3rd**

Instructor	

Assignment No.	**01**

Assignment Title	**5 Widget**

Submission Date	**19-Nov-2022**

Student's	
Student ID	

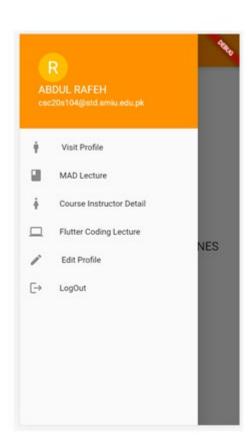**SINDH MADRESSATUL ISLAM UNIVERSITY**
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Sindh 74000, Pakistan.

Flutter First App Using 5 Widget

As per instruction in this assignment we need to use minimum 5 widget to complete a task. I completed this task using mainly drawer widget and many others. I'm completing this task without emulator.

Output:

Code:

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

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

class MyApp extends StatelessWidget {
  final appTitle = 'Widget Assignment # 01';

  const MyApp({Key? key}) : super(key: key);

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

```dart
      return MaterialApp(
      title: appTitle,
      home: MyHomePage(title: appTitle),
    ); // MaterialApp
  }
}

class MyHomePage extends StatelessWidget {
  final String title;

  const MyHomePage({Key? key, required this.title}) : super(key: key);

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text(title),
        backgroundColor: Colors.orange,
      ),
      body: const Center(
          child: Text(
        'ABDUL RAFEH !!! TAP 3 BARLINES',
        style: TextStyle(fontSize: 20.0),
      )),
      drawer: Drawer(
        child: ListView(
          padding: const EdgeInsets.all(0),
          children: [
            const DrawerHeader(
              decoration: BoxDecoration(
                color: Colors.orange,
              ), //BoxDecoration
              child: UserAccountsDrawerHeader(
                decoration: BoxDecoration(color: Colors.orange),
                accountName: Text(
                  "ABDUL RAFEH",
                  style: TextStyle(fontSize: 18),
                ),
                accountEmail: Text("csc20s104@std.smiu.edu.pk"),
                currentAccountPictureSize: Size.square(50),
                currentAccountPicture: CircleAvatar(
                  backgroundColor: Colors.amber,
                  child: Text(
                    "R",
                    style: TextStyle(fontSize: 30.0, color: Colors.white),
                  ),
                ),
```

```dart
            ),
        ),
        ListTile(
          leading: const Icon(Icons.man),
          title: const Text(' Visit Profile '),
          onTap: () {
            Navigator.pop(context);
          },
        ),
        ListTile(
          leading: const Icon(Icons.book),
          title: const Text('MAD Lecture'),
          onTap: () {
            Navigator.pop(context);
          },
        ),
        ListTile(
          leading: const Icon(Icons.woman_rounded),
          title: const Text('Course Instructor Detail'),
          onTap: () {
            Navigator.pop(context);
          },
        ),
        ListTile(
          leading: const Icon(Icons.laptop),
          title: const Text('Flutter Coding Lecture'),
          onTap: () {
            Navigator.pop(context);
          },
        ),
        ListTile(
          leading: const Icon(Icons.edit),
          title: const Text(' Edit Profile '),
          onTap: () {
            Navigator.pop(context);
          },
        ),
        ListTile(
          leading: const Icon(Icons.logout),
          title: const Text('LogOut'),
          onTap: () {
            Navigator.pop(context);
          },
        ),
      ],
    ),
  ),
```

```
                                    );
    }
}
```

IDE:

- Visual Studio.
- Android Studio.

Output: