

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	
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Assignment No.	02
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Assignment Title	Drawer, Toast & Grid View
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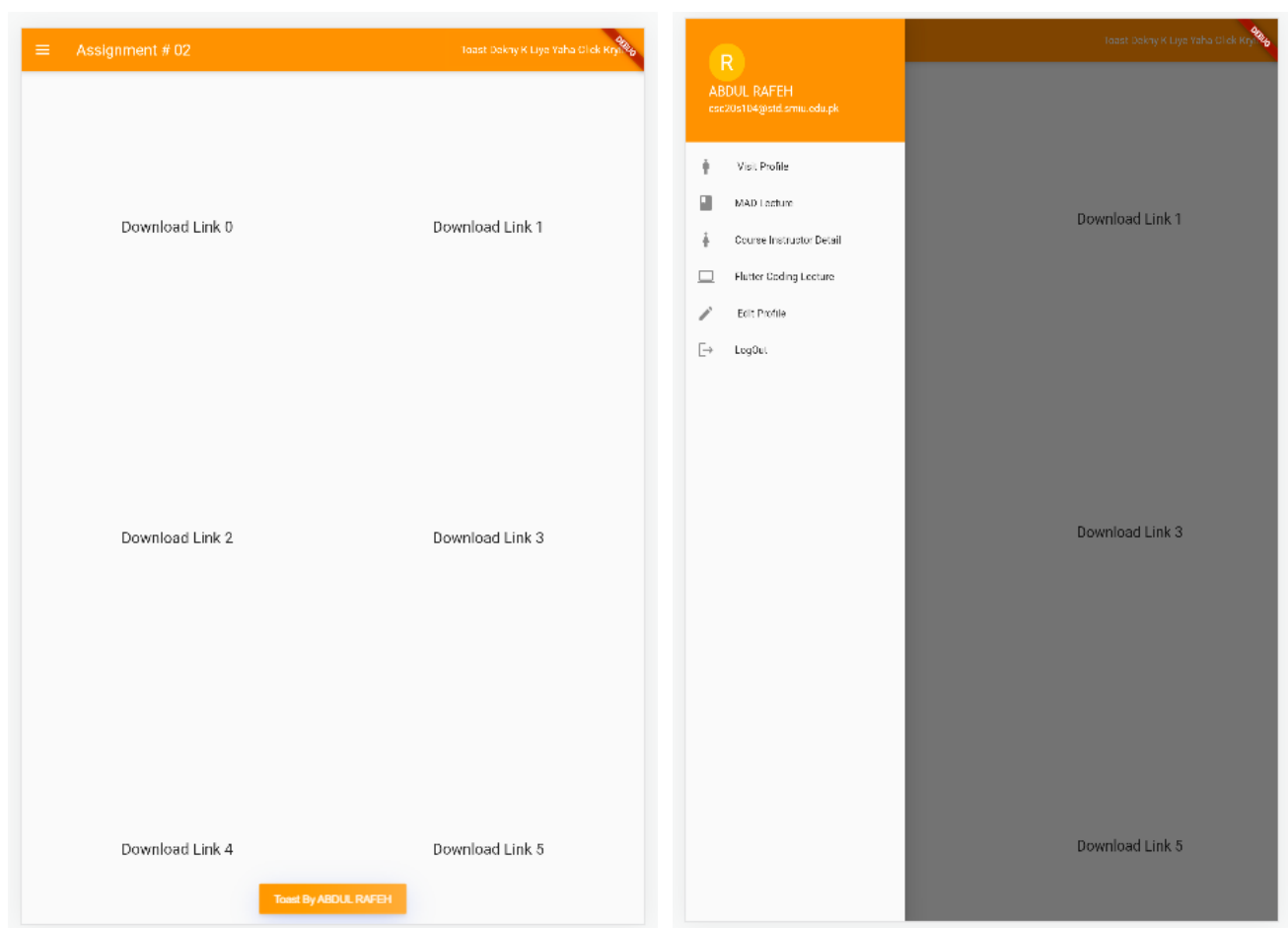
Submission Date	14-DEC-2022
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Student's	
Student ID	

Flutter Using Drawer, Toast & Grid View

As per instruction in this assignment we need to use **Drawer, Toast & Grid View** to complete a task. I completed this task using mainly drawer widget and many others. I'm completing this task without emulator.

Output:



Code:

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

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

class MyApp extends StatelessWidget {
  final appTitle = 'Assignment # 02';
```

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

@override
Widget build(BuildContext context) {
  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),
        actions: <Widget>[
          TextButton(
            onPressed: () {
              Fluttertoast.showToast(
                msg: 'Toast By ABDUL RAFEH',
                backgroundColor: Colors.orange,
              );
            },
          ),
          child: Container(
            padding: const EdgeInsets.all(14),
            color: Colors.orange,
            child: const Text(
              'Toast Dekny K Liye Yaha Click Kry!!!',
              style: TextStyle(color: Colors.white),
            ),
          ),
        ],
        backgroundColor: Colors.orange,
      ),
      body: Center(
        child: GridView.count(
          crossAxisCount: 2,
          children: List.generate(6, (index) {
            return Center(
```

```

                                child: Text(
                                  'Download Link $index',
                                  style: Theme.of(context).textTheme.headline6,
                                ),
                              );
        })),
      ),
    ),
    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),
                ),
              ),
            ),
          ),
          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:

