<div align="center">

Experiment-6

</div>

Creating Navigation and Routing a Pizza Store App.

As you see, each interface has the same title bar, Facebook logo, twitter logo, and other th navigation buttons. Therefore, you will design one interface including all these common widg in a file called **home.dart** first. Then, use the copy and paste technique to repeat the same co for all other dart files (other app interfaces).
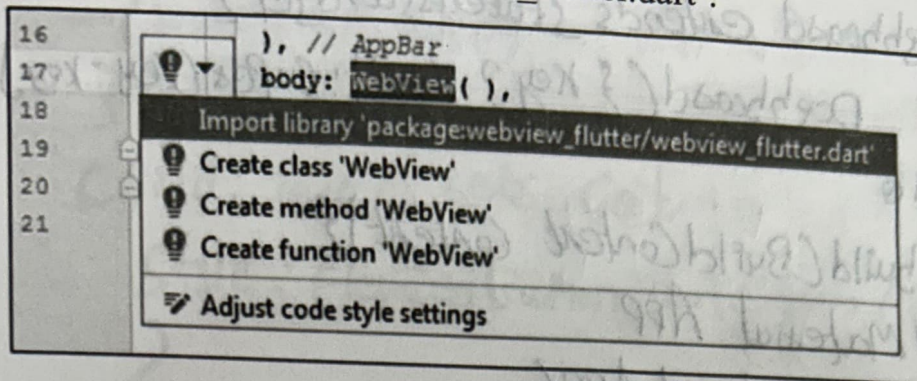
The **ButtonBar** widget which represents the navigation buttons, will be repeated **home.dart, pizaa.dart, chpizza.dart**, and **fries.dart** files. In the early stage of building the cod the **facebook.dart** and **twitter.dart** files will include the same codes as other Dart files (ap interfaces) excluding the three navigation buttons (**ButtonBar** widget).

To create this app perform the following steps.

- Open **Android Studio**

- Click **File → New → New Flutter Project**

- Select Flutter Application , and then click **Next**.

Import library 'package:webview_flutter/webview_flutter.dart'.

- Double click the **WebView** widget , and click the red lamp icon. Then, select:

Import library 'package:webview_flutter/webview_flutter.dart'.

```
16          ), // AppBar
17          body: WebView( ),
18      Import library 'package:webview_flutter/webview_flutter.dart'
19      💡 Create class 'WebView'
20      💡 Create method 'WebView'
21      💡 Create function 'WebView'

        📝 Adjust code style settings
```

- Run your app. Test the navigation buttons, Facebook, and twitter images.

main.dart

```
import Package: flutter/material.dart;
import - Package: labs1Dashboard.dart;
void main() => a synk{
   run APP(my APPC));
}

Class MyAPP extends stateless Widget {
@override
Widget Build(BuildContext Context){
   octron MaterialAPPC
   title: 'Pizza dashboard',
   theme: Themedata(
      Primary Switch: Colors.deep Purple,
   },
   debug Show Checked Mode Banner: false,
   home: Dashboard (),
   }
   // };
   }
}
```

Dashboard.dart

```
import 'Package: flutter/material.dart';
import 'Package: labs/TopNavigation Bar.dart';
Class Dashboard extends statelesswidget {
    Const Dashboard({ Key? Key}): Super(key:key);

@override
Widget build (Build Context Content) {
    // Material App
    return Material APP (
        home: Scaffold (
            appBar: APPBar (
            title: Text ("welcome to WOW PIZZA!"),
            Center Title: true,
            background Color: Colors. deep orange,
            ),
            body: Coloumn (Childsen: (
                Image. asset ("Images/meal.jPg", width: 400.0,
                                                height: 300.0)

            Text ("Wanna order Something ....",
            style: TextStyle (decoration: Text DeCoration.
                                        none, font size: 30.0),
                text Align: Text Align. Center,
            ),
        Elevated Button (
            on Pressed: () async => {
            Navigator. Push And Remove Until (
                        Content,
                    Material Page Route (
```

```
      builder: (context) => TopNavigation Bar ();
    ),
    (route) => false)
  },
  child: Text ("Lets Go),
    Style : Elevated Button.style from (Primary: Colorgendar),
    )
  }
));
    }
  }
```

Top Navigation Bar.dart

```
import 'package: Flutter/material.dart';
Class TopNavigation Bar extends Stateless widget {
@override
    WidgetBuild (BuildContext context){
    return DefaultTabController (length: 3, child: Scaffold(
    app Bar: AppBar (
    background Color: Colors.HdAccent,
title: Row(Children: [Text ("wow Pizza,
                Style: TextStyle(FontSize: 20.0),),
    SizedBox (width: 160.0),
    Container (Child: Gesture Detector ( Child: Image.asset(
                'Images/twitter. Png',
                fit: BoxFit Contain,
                weight: 30,)
    ), ),
```

```
SizedBox(width:10.0),
Container(Child: GestureDetector(
    Child: Image.asset(
    'Images/facebook.png',
    fit: BoxFit.Contain,
    height: 40),
    ),),
    ],
    ),
bottom: TabBar(indicator Color: Colors.red, tabbar:{
    Tabi com: Container(height: 40,
    Child: Image.asset("liblicons/Pizza.Png
    tect: 'Veg Pizza', 'Cheese Pizza'(or)
                                'Chicken Pizza'
    ),{
    ],
    ),
    ),
body: TabBar View(
Children: [Material App (home: Center (Child: Column
        (Children: [Image.asset( Images/VPizza.Pa
            Cheese Pizza.Png
```

```
              width : 400.0;
              height : 300.0,),

Text ("Hi, I'm owner, how can I help you?"),
style: textstyle (decoration: TextDecoration. none, fontsize;
                                                    30.0),
  TextAlign: TextAlign. center,
),
],
),
),
),
),
material APP (home: center (child: Column (children: (
                      Image. offset ("images/f Pizza. Png;
              width : 400.0,
              height : 300.0,),
    Text ("Hi, I'm Pizza Assistant, how can z help you"),
  style: Textstyle (decoration: TextDecoration. none,
                  font Size: 30.0),
    text Align : textAlign. center)
),
],
),
),
```
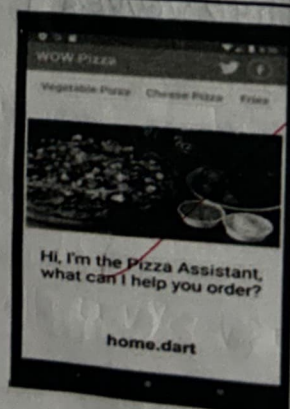
)，
]，
)，
));
}，
}

WOW Pizza

Vegetable Pizza   Cheese Pizza   Fries

Hi, I'm the Pizza Assistant, what can I help you order?

home.dart

VIVA QUESTIONS

1. Explain what flutter is?

Ans. flutter is an open-source framework and toolkit. developers use to create application using the dart programming language.

2. What's the latest version of flutter?

Ans. The latest version of flutter VI.020.4 released on 15th Sep 2020.

3. What do you mean by dart? Write its importance?

Ans. Dart is a general purpose, object oriented programming language.

4. What are the types of widgets present in flutter?

Ans. ⓐ Stateless widget - It does nothing
ⓑ Stateful widget - It does anything.

5. Explain app state.

Ans. It is referred to as a Shared state or application state.
① Login info ② user Preferences ③ E-Commerce shopping cart