MAD LAB EXPT 2

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Aim: To design Flutter UI by including common widgets.

Theory:

Flutter employs a reactive framework, allowing for fast development and expressive, flexible UI designs. Central to Flutter are widgets, which are the building blocks used to construct user interfaces.

Container: A versatile widget used to contain other widgets. It allows you to customize properties such as alignment, padding, margin, color, and more.

Row and Column: Widgets used to arrange child widgets horizontally (Row) or vertically (Column). They automatically size and position their children according to their properties.

Text: Widget used to display text with styling options like font size, color, weight, and alignment.

Image: Widget used to display images from various sources such as assets, network, or memory. It supports various image formats and provides options for resizing and scaling.

Icon: Widget used to display icons from the Material Icons or custom icon sets.

Output:

import 'package:flutter/material.dart';

import 'package:whatsapp/common/utils/colours.dart';

//import 'package:whatsapp/common/extension/custom_theme_extension.dart'; // Correct import

import 'package:whatsapp/common/widgets/custom_elevated_button.dart';

```dart
import 'package:whatsapp/common/route/routes.dart'; // Correct import

import 'package:whatsapp/feature/auth/login_page.dart';

import 'package:whatsapp/feature/welcome/widgets/PrivacyAndTerms.dart'; // Correct import

//import 'dart:js';


import 'package:whatsapp/common/utils/colours.dart';

import '../../../common/extension/custon_theme_extension.dart';

import 'package:whatsapp/common/widgets/custom_elevated_button.dart';

//import 'lib/common/route/routes.dart';

import 'package:whatsapp/feature/welcome/widgets/PrivacyAndTerms.dart'; // Correct import


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


  navigateToLoginPage(context) {
    Navigator.of(context)
        .pushNamedAndRemoveUntil(Routes.login, (route) => false);
  }


  void showBottomSheet(BuildContext context) {
    showModalBottomSheet(
```

```
context: context,

builder: (context) {

  return Padding(

    padding: const EdgeInsets.symmetric(vertical: 10),

    child: Column(

      mainAxisSize: MainAxisSize.min,

      children: [

        Container(

          height: 4,

          width: 35,

          decoration: BoxDecoration(

            color: context.theme.greyColor!.withOpacity(0.5),

            borderRadius: BorderRadius.circular(10),

          ),

        ),

        const SizedBox(

          height: 25,

        ),

        Row(

          children: [

            IconButton(
```

```
            onPressed: () => Navigator.of(context).pop(),

            splashColor: Colors.transparent,

            splashRadius: 22,

            iconSize: 22,

            padding: EdgeInsets.zero,

            constraints: const BoxConstraints(minWidth: 40),

            icon: const Icon(

              Icons.close_outlined,

              color: Color.fromARGB(255, 255, 0, 0),

            ),

          ),

          const SizedBox(

            width: 15,

          ),

          const Text(

            " App Language ",

            style: TextStyle(

              fontWeight: FontWeight.w600,

            ),

          ),

        ],
```

```dart
        ),
        const SizedBox(
          height: 15,
        ),
        Divider(
          color: context.theme.greyColor!.withOpacity(0.2),
          thickness: 3,
        ),
        RadioListTile(
          value: true,
          groupValue: true,
          onChanged: (value) {},
          activeColor: Colours.greeDark,
          subtitle: Text(
            "(Phone's Language)",
            style: TextStyle(color: context.theme.greyColor),
          ),
        ),
        RadioListTile(
          value: false,
          groupValue: true,
```

```dart
          onChanged: (value) {},

          activeColor: Colours.greeDark,

          title: const Text(" मराठी "),

          subtitle: Text(

            " India ",

            style: TextStyle(color: context.theme.greyColor),

          ),

        ),

        RadioListTile(

          value: false,

          groupValue: true,

          onChanged: (value) {},

          activeColor: Colours.greeDark,

          title: const Text(" ગુજરાતી "),

          subtitle: Text(

            " India ",

            style: TextStyle(color: context.theme.greyColor),

          ),

        )

      ],

    ),
```

```dart
    );
    /*

    Container(

      height: 300,

      child: Column(

        children: [

          Text('Bottom Sheet Content'),

          // You can add more widgets as needed

        ],

      ),

    );

    */

  }, // <-- Add a comma here

 ); // <-- Add a semicolon here

}


@override

Widget build(BuildContext context) {

  return Scaffold(

    body: Column(

      children: [
```

```dart
Expanded(
  child: Align(
    alignment: Alignment.bottomCenter,
    child: Padding(
      padding:
        const EdgeInsets.symmetric(horizontal: 50, vertical: 10),
      child: Image.asset(
        "assets/images/circle.png",
        color: Colors.green,
        //color: context.theme.circleImageColor,
      ),


      //color: Colors.green,
      //color: Theme.of(context).circleImageColor ?? Colors.green,
      // ),
    ),
  ),
),
const SizedBox(
  height: 43,
),
```

```
Expanded(

  child: Column(

    children: [

      Center(

        child: Center(

          child: Text(

            'Welcome to Signal',

            style: TextStyle(

              fontSize: 24,

              fontWeight: FontWeight.w900,


              //background theme ke hisaabse text color change hogaaa

              color: Theme.of(context).brightness == Brightness.dark

                  ? ThemeData.dark().textTheme.headlineLarge!.color

                  : ThemeData.light().textTheme.headlineLarge!.color,

            ),

          ),

        ),

      ),

      const PrivacyAndTerms(),

      CustomElevatedButton(
```

```dart
            onPressed: () {

              Navigator.push(

                context,

                MaterialPageRoute(

                  builder: (context) => const LoginPage(),

                ),

              );

            },

            text: 'AGREE AND CONTINUE',

            textStyle: TextStyle(),

          ),

          const SizedBox(

            height: 50,

          ),

          Material(

            color: Color(0xFF182235),

            borderRadius: BorderRadius.circular(22),

            child: InkWell(

              onTap: () {

                showBottomSheet(context);

              },
```

```
borderRadius: BorderRadius.circular(22),

splashFactory: InkSplash.splashFactory,

highlightColor: Color.fromARGB(255, 9, 20, 27),

child: Padding(

  padding: const EdgeInsets.symmetric(

    horizontal: 13, vertical: 6),

  child: Row(

    mainAxisSize: MainAxisSize.min,

    children: const [

      Icon(

        Icons.language,

        color: Color(0xFF00A885),

      ),

      SizedBox(

        width: 20,

      ),

      Text(

        ' English ',

        style: TextStyle(color: Colors.white),

      ),

      SizedBox(
```

```
                            width: 20,

                      ),

                   Icon(

                      Icons.keyboard_arrow_down,

                      color: Color.fromARGB(255, 110, 255, 226),

                   )

                ],

             ),

          ),

        ),

      )

   ],

   ),

   ),

   ],

   ),

   );

  }
}
```
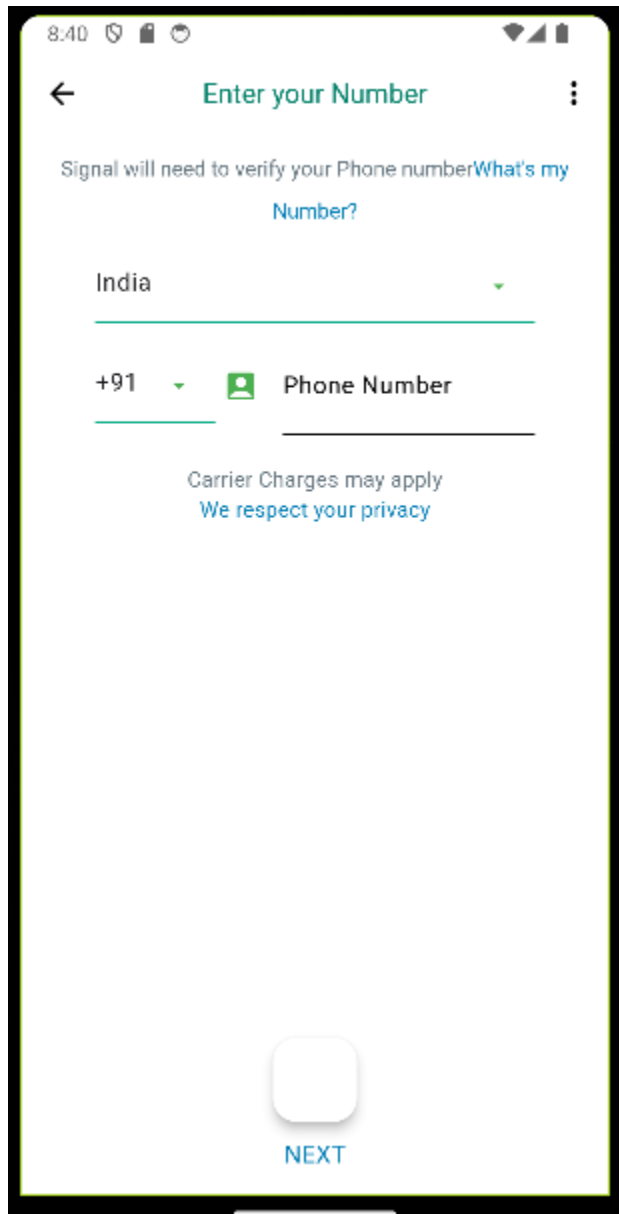
Conclusion: Common widgets for text and button have been implemented for Flutter application.