Experiment 2: Exploring Flutter Widgets

Code :

main.dart
```dart
import 'package:flutter/material.dart';
import 'package:google_meet_app/screens/home_screen.dart';
import 'package:google_meet_app/screens/login_screen.dart';
import 'package:google_meet_app/utils/colors.dart';

void main() async {
  runApp(const MyApp());
}

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

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'Google Meet Clone',
      theme: ThemeData.dark().copyWith(
        scaffoldBackgroundColor: backgroundColor,
      ),
      routes: {
        '/login': (context) => const LoginScreen(),
        '/home': (context) => const HomeScreen(),
      },
      home: const LoginScreen(),
    );
  }
}
```

login.dart
```dart
import 'package:flutter/material.dart';
import 'package:google_meet_app/widgets/custom_button.dart';

class LoginScreen extends StatefulWidget {
  const LoginScreen({Key? key}) : super(key: key);

  @override
  State<LoginScreen> createState() => _LoginScreenState();
```

```dart
}

class _LoginScreenState extends State<LoginScreen> {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            const Text(
              'Start or join a meeting',
              style: const TextStyle(
                fontSize: 24,
                fontWeight: FontWeight.bold,
              ),
            ),
            SizedBox(height: 50), // Add a SizedBox with desired height
            Image.asset('assets/images/bg_img1.jpg'),
            SizedBox(height: 50), // Add a SizedBox with desired height
            CustomButton(
              text: 'Google Sign In',
              onPressed: () {},
            ),
          ],
        ),
      ),
    );
  }
}
```

custom_button.dart

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

class CustomButton extends StatelessWidget {
  final String text;
  final VoidCallback onPressed;
  const CustomButton({
    Key? key,
    required this.text,
    required this.onPressed,
  }) : super(key: key);

  @override
```

```dart
  Widget build(BuildContext context) {
    return Padding(
      padding: const EdgeInsets.all(15.0),
      child: ElevatedButton(
        onPressed: onPressed,
        child: Text(
          text,
          style: const TextStyle(
            fontSize: 17,
          ),
        ),
        style: ElevatedButton.styleFrom(
          minimumSize: const Size(
            double.infinity,
            50,
          ),
        )),
    );
  }
}
```