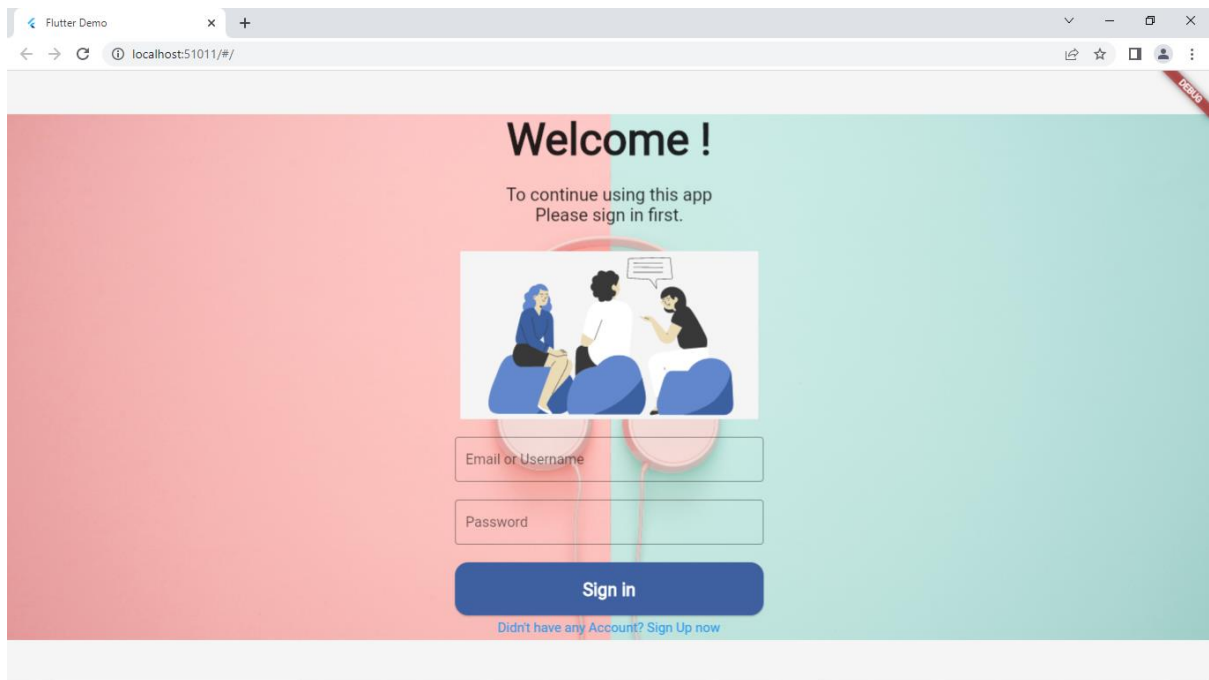


UTS PEMROGRAMAN MOBILE 2

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Link github : <https://github.com/RedProxy/UTSMobile2.git>

Membuat menu mockup login menggunakan flutter

Assalamualaikum disini saya akan memberikan tutorial bagaimana saya menyelesaikan tugas membuat mockup login seperti gambar screenshot di bawah ini.



1. Install Flutter
2. Install Android Studio
3. Install Visual Studio Code

setelah ketiga syarat di atas sudah terpenuhi kalian bisa langsung buka cmd, lalu ketik di cmd **flutter doctor** nanti tampilannya seperti gambar di bawah ini.

```
C:\Windows\system32\cmd.exe - flutter doctor
Microsoft Windows [Version 10.0.19045.2965]
(c) Microsoft Corporation. All rights reserved.

C:\Users\HP>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel master, 3.10.0-7.0.pre.1, on Microsoft Windows [Version 10.0.19045.2965], locale en-ID)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[✓] Android toolchain - develop for Android devices (Android SDK version 33.0.2)
[✓] Chrome - develop for the web
[X] Visual Studio - develop for Windows
    X Visual Studio not installed; this is necessary for Windows development.
      Download at https://visualstudio.microsoft.com/downloads/.
      Please install the "Desktop development with C++" workload, including all of its default components
[✓] Android Studio (version 2022.2)
[✓] VS Code (version 1.78.2)
[✓] Connected device (3 available)
[✓] Network resources

! Doctor found issues in 1 category.

C:\Users\HP>
```

Langkah berikutnya ketik di cmd **flutter create login_ui**, karena ini akan membuat folder baru dengan nama yang kita mau kalo saya menggunakan nama di atas sebagai contoh saja.

```
C:\Windows\system32\cmd.exe - flutter doctor - flutter create flutter_login
X Visual Studio not installed; this is necessary for Windows development.
  Download at https://visualstudio.microsoft.com/downloads/.
  Please install the "Desktop development with C++" workload, including all of its default components
[✓] Android Studio (version 2022.2)
[✓] VS Code (version 1.78.2)
[✓] Connected device (3 available)
[✓] Network resources

! Doctor found issues in 1 category.

C:\Users\HP>flutter create flutter_login
Creating project flutter_login...
Resolving dependencies in flutter_login... (2.0s)
Got dependencies in flutter_login.
Wrote 129 files.

All done!
You can find general documentation for Flutter at: https://docs.flutter.dev/
Detailed API documentation is available at: https://api.flutter.dev/
If you prefer video documentation, consider: https://www.youtube.com/c/flutterdev

In order to run your application, type:

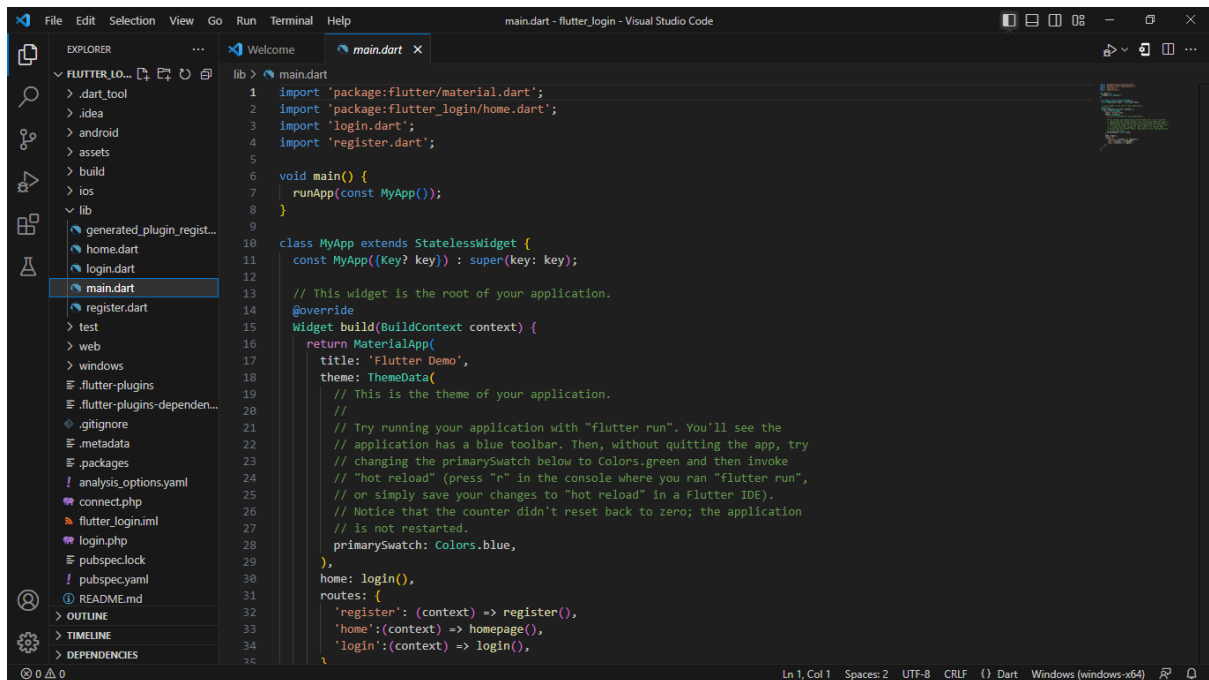
  $ cd flutter_login
  $ flutter run

Your application code is in flutter_login\lib\main.dart.

C:\Users\HP>
```

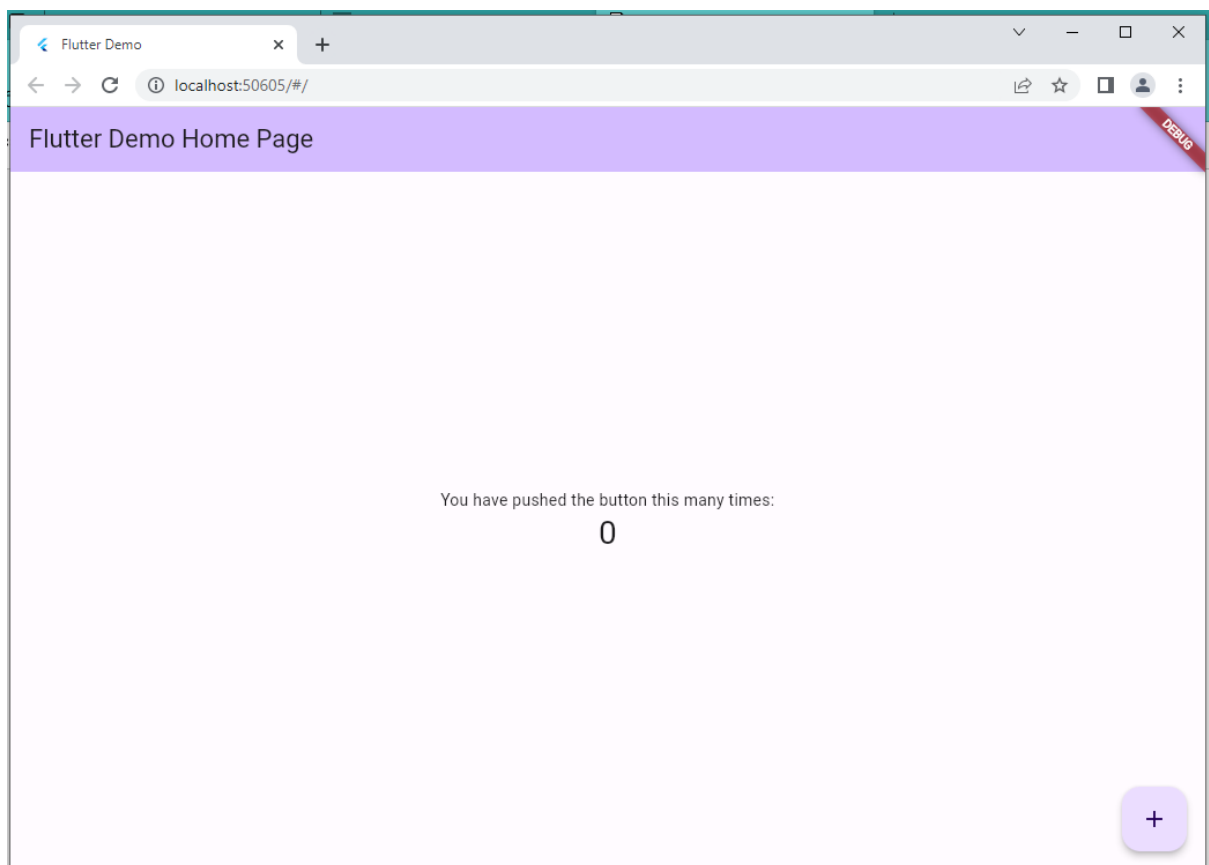
Dan untuk masuk ke Visual Studio Code dengan folder **login_ui**. ketik **cd login_ui**, setelah itu enter dan ketik lagi **code** . nanti otomatis akan di arahkan ke Visual Studio Code dengan folder login_ui.

Setelah masuk Visual Studio Code kalian akan di suguhkan dengan tampilan seperti berikut.



```
1 import 'package:flutter/material.dart';
2 import 'package:flutter_login/home.dart';
3 import 'login.dart';
4 import 'register.dart';
5
6 void main() {
7   runApp(const MyApp());
8 }
9
10 class MyApp extends StatelessWidget {
11   const MyApp({Key? key}) : super(key: key);
12
13   // This widget is the root of your application.
14   @override
15   Widget build(BuildContext context) {
16     return MaterialApp(
17       title: 'Flutter Demo',
18       theme: ThemeData(
19         // This is the theme of your application.
20         //
21         // Try running your application with "flutter run". You'll see the
22         // application has a blue toolbar. Then, without quitting the app, try
23         // changing the primarySwatch below to Colors.green and then invoke
24         // "hot reload" (press "r" in the console where you ran "flutter run",
25         // or simply save your changes to "hot reload" in a Flutter IDE).
26         // Notice that the counter didn't reset back to zero; the application
27         // is not restarted.
28         primarySwatch: Colors.blue,
29       ),
30       home: login(),
31       routes: {
32         'register': (context) => register(),
33         'home': (context) => homepage(),
34         'login': (context) => login(),
35       },
36     );
37   }
38 }
```

Bila mau melihat tampilan simulatornya di chrome ketik lagi di cmd **flutter run -d chrome** nanti tampilan kosongnya begini.



Membuat menu tampilan login

1. Buat file baru dengan nama **login.dart**.
2. Kemudian, masukkan kode berikut:

```
import 'package:flutter/material.dart';
import 'dart:async';
import 'package:http/http.dart' as http;
import 'dart:convert';

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

  @override
  State<login> createState() => _loginState();
}

class _loginState extends State<login> {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      backgroundColor: Color(0xFFFF5F5F5),
      body: Center(
        child: Container(
          decoration: BoxDecoration(
            image: DecorationImage(
              image: AssetImage(
                'assets/img/background_image.jpg'),
              fit: BoxFit.cover,
            ),
          ),
        child: Form(
          child: ListView(
            shrinkWrap: true,
            children: [
              Column(
                mainAxisAlignment: MainAxisAlignment.center,
                children: <Widget>[
                  Text(
                    'Welcome !',
                    style:
                      TextStyle(fontSize: 50, fontWeight:
FontWeight.bold),
                  ),
                  SizedBox(
                    height: 20,
                  ),
                  Text(
                    'To continue using this app',
```

```
        style: TextStyle(fontSize: 20),
      ),
      Text(
        'Please sign in first.',
        style: TextStyle(fontSize: 20),
      ),
      SizedBox(
        height: 30,
      ),
      Image.asset('assets/img/Picture.png'),
      SizedBox(
        height: 20,
      ),
      SizedBox(
        width: 350,
        child: TextFormField(
          obscureText: false,
          decoration: InputDecoration(
            border: OutlineInputBorder(),
            labelText: 'Email or Username',
          ),
        ),
      ),
      SizedBox(
        height: 20,
      ),
      SizedBox(
        width: 350,
        child: TextFormField(
          obscureText: true,
          decoration: InputDecoration(
            border: OutlineInputBorder(),
            labelText: 'Password',
          ),
        ),
      ),
      SizedBox(
        height: 20,
      ),
      SizedBox(
        width: 350,
        height: 60,
        child: ElevatedButton(
          style: ElevatedButton.styleFrom(
            primary: const Color(0xFF3F60A0),
            shape: RoundedRectangleBorder(
              borderRadius: BorderRadius.circular(15)),
          onPressed: () {
```

```

        Navigator.pushNamed(context, 'home');
      },
      child: const Text(
        'Sign in',
        style: TextStyle(
          fontSize: 20,
          fontWeight: FontWeight.bold,
        ),
      ),
    ),
  ),
  TextButton(
    style: TextButton.styleFrom(
      textStyle: const TextStyle(fontSize: 15),
    ),
    onPressed: () {
      Navigator.pushNamed(context, 'register');
    },
    child: const Text("Didn't have any Account? Sign Up
now"),
  ),
],
),
],
),
),
),
),
),
);
}
}

```

3. Hasil

