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UTS PEMROGRAMAN MOBILE

1. Main.dart :

```
2. import 'package:flutter/material.dart';
3. import 'package:posttest5/eye.dart';
4. import 'package:posttest5/splashscreen.dart';
5. import 'package:posttest5/welcome.dart';
6. import 'package:posttest5/splashscreen.dart';
7.
8. void main() {
9.   runApp(const MyApp());
10.}
11.
12. class MyApp extends StatefulWidget {
13.   const MyApp({Key? key}) : super(key: key);
14.
15.   @override
16.   State<MyApp> createState() => _MyAppState();
17.}
18.
19. class _MyAppState extends State<MyApp> {
20.   @override
21.   Widget build(BuildContext context) {
22.     return MaterialApp(
23.       home: splashscreen(),
24.     );
25.   }
26.}
27.
```

Source code di atas adalah main.dart, yaitu untuk menampilkan tampilan Awalnya. Tampilan Awalnya disini yaitu welcome. Dart > welcome(),

28. Welcome.dart

```
debugShowCheckedModeBanner: false,
home: Scaffold(
  backgroundColor: Color.fromARGB(255, 255, 238, 224),
  body: Container(
    child: Column(
```

```

        crossAxisAlignment: CrossAxisAlignment.stretch,
debugShowCheckedModeBanner: false,
home: Scaffold(
  backgroundColor: Color.fromARGB(255, 255, 238, 224),
  body: Container(
    child: Column(
      crossAxisAlignment: CrossAxisAlignment.stretch,
      children: [
        Expanded(
          flex: 5,
          child: Stack(
            alignment: Alignment.bottomCenter,
            children: [
              Positioned(
                top: 12,
                left: 20,
                right: 20,
                child: Container(
                  height: 500.0,
                  width: double.infinity,
                  decoration: BoxDecoration(
                    image: DecorationImage(
                      colorFilter: new ColorFilter.mode(
                        Color.fromARGB(255, 129, 123, 185)
                          .withOpacity(0.20),
                        BlendMode.dstAtop),
                    image: AssetImage("assets/image/comb.jpg")),
                  ),
                ),
              ),
            ),
          child: Container(
            child: Padding(
              padding: EdgeInsets.all(68.0),
              child: Image.asset(
                "assets/image/logo.png",
                scale: 1.1,

```

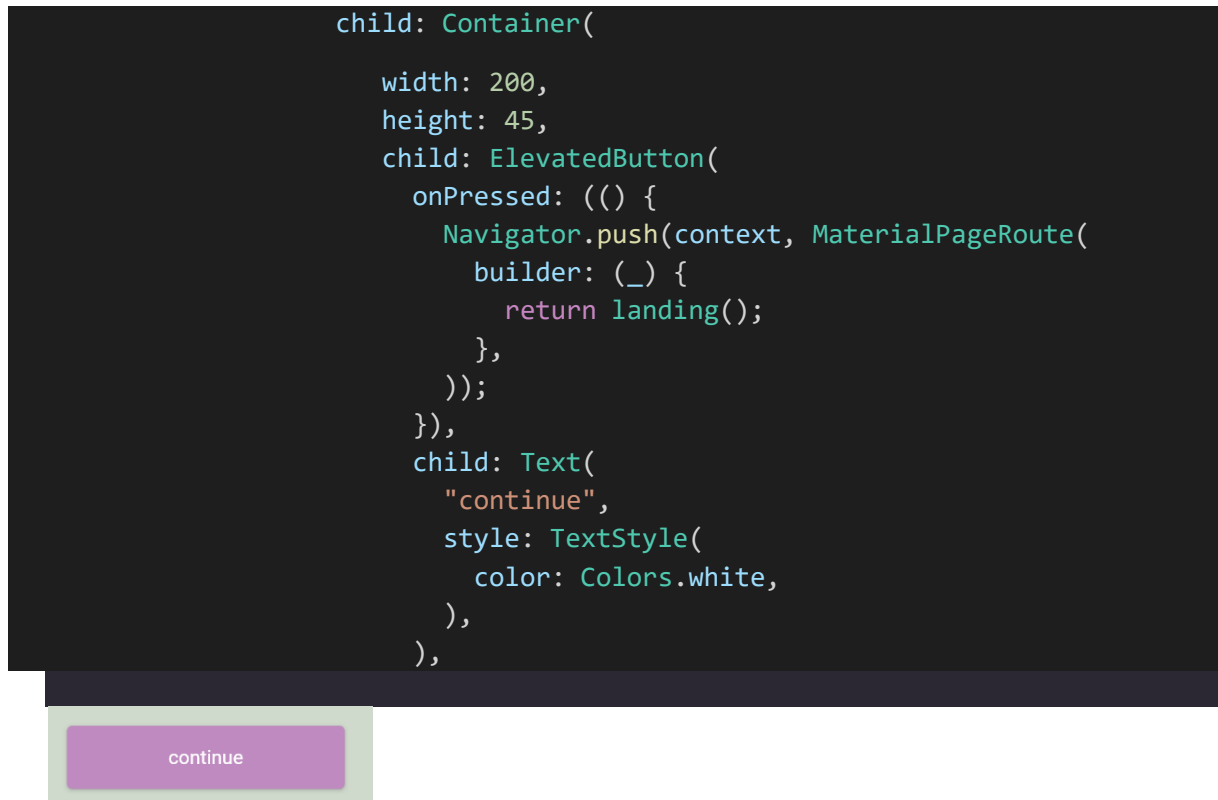


Kodingan diatas untuk membuat gambar transparent dan tampilan logo perempuan.
Untuk transparantnya sendiri menggunakan `width: double.infinity,`.

```
Expanded(
  flex: 3,
  child: Container(
    padding: EdgeInsets.symmetric(
      horizontal: 15.0,
      vertical: 20.0,
    ),
    decoration: BoxDecoration(
      color: Color.fromARGB(255, 207, 217, 204),
      borderRadius: BorderRadius.only(
        topRight: Radius.circular(30.0),
        topLeft: Radius.circular(30.0),
      ),
    ),
  ),
  child: Column(
    crossAxisAlignment: CrossAxisAlignment.start,
    children: [
      SizedBox(
        height: 10.0,
      ),
    ],
  ),
)
```



Source code di atas digunakan untuk menampilkan kotak yang berada di bawah logo. Dan kotak itu menampilkan kata yang merupakan sambutan dari proyek flutter ini.



Untuk source code di atas untuk menampilkan tombol “continue” menggunakan elavated button.

29. Landing. dart

```

30. @override
31. Widget build(BuildContext context) {
32.   return MaterialApp(
33.     debugShowCheckedModeBanner: false,
34.     home: Scaffold(
35.       appBar: AppBar(
36.         backgroundColor: Color.fromARGB(255, 138, 155, 191),
37.         leading: Icon(Icons.search),
38.         title: Text('WELCOME TO CAHAYA ASIA ELEKTRONIK'),
39.         centerTitle: true,
40.         titleTextStyle: TextStyle(color: Colors.white),

```

41.),



WELCOME TO CAHAYA ASIA ELEKTRONIK

DEBUG

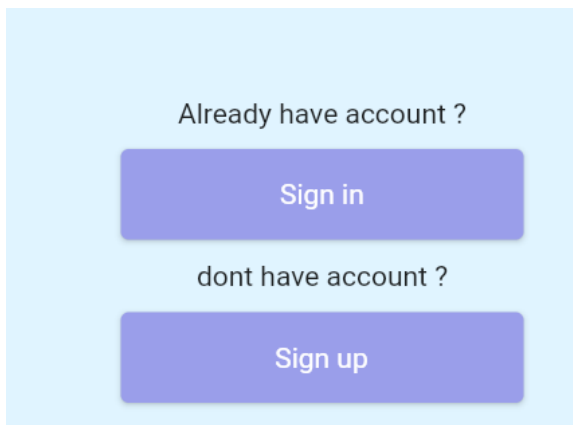
Source code di atas untuk menampilkan app Barr

```
body: Center(
  child: Container(
    color: Color.fromARGB(255, 224, 244, 255),
    width: 800,
    height: 800,
    child: Column(
      children: <Widget>[
        new Padding(
          padding: EdgeInsets.all(30.0),
          child: Container(
            width: 300,
            height: 300,
            decoration: BoxDecoration(
              borderRadius: BorderRadius.circular(0.0),
              image: DecorationImage(
                image: AssetImage("assets/image/logo.png"),
              ),
            ),
          ),
        ),
      ],
    ),
  ),
),
Column(
  children: [
    Container(
      width: 200,
      height: 45,
      child: ElevatedButton(
        onPressed: () {
          Navigator.push(context, MaterialPageRoute(builder:
(_) {
          return logins();
        }));
      },
      child: Text(
        "Sign in",
        style: TextStyle(
          color: Color.fromARGB(255, 255, 255, 255)),
      ),
    ),
  ],
),
Container(
  width: 200,
  height: 45,
```

```

        child: ElevatedButton(
          onPressed: () {
            Navigator.push(context, MaterialPageRoute(builder:
(_) {
              return signup();
            }));
          },
          child: Text(
            "Sign up",
            style: TextStyle(
              color: Color.fromARGB(255, 255, 255, 255)),
            ),
          style: TextButton.styleFrom(
            backgroundColor: Color.fromARGB(255, 234, 154,
187)),
        ),

```



Untuk menampilkan tombol halaman sign in/login dan sign up.

42. Logins.dart

```

class _loginsState extends State<logins> {
  String namadepan = '', namabelakang = '', email = '';
  final ctrlnamadepan = TextEditingController();
  final ctrlnamabelakang = TextEditingController();
  final ctrlemail = TextEditingController();

```

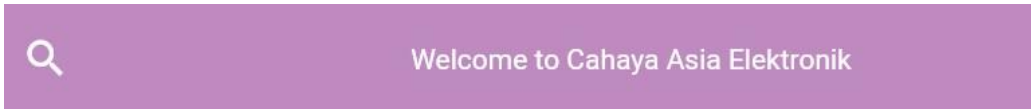
```

  @override
  void dispose() {
    ctrlnamadepan.dispose();
    ctrlnamabelakang.dispose();
    ctrlemail.dispose();
    super.dispose();
  }

```

Source code di atas adalah variable untuk menyimpan string untuk mengisi text field.

```
appBar: AppBar(  
  backgroundColor: Color.fromARGB(255, 255, 140, 205),  
  leading: Icon(Icons.search),  
  title: Text('Welcome to Oyipiy Makeup Shop'),  
  centerTitle: true,  
  titleTextStyle: TextStyle(color: Colors.white),  
),
```



Source code di atas untuk tampilan App bar bagian login.

```
body: Center(  
  child: Container(  
    color: Color.fromARGB(255, 255, 238, 224),  
    padding: EdgeInsets.all(20.0),  
    child: ListView(children: [  
      SizedBox(  
        height: 30,  
      ),
```

Source code diatas adalah tampilan dari body, dan warna dari body.

```
Text(  
  " Nama akun Anda : $namadepan $namabelakang \n Email :  
$email "),  
  SizedBox(  
    height: 30,  
  ),
```

Username :
Email :

Source code di atas untuk menampilkan hasil output dari textfield

```
TextField(  
  controller: ctrlnamadepan,  
  decoration: InputDecoration(  
    border: OutlineInputBorder(  
      borderSide: BorderSide(  
        color: Colors.pink,      ),  
    ),
```

```

        borderRadius: BorderRadius.circular(15.0),
        borderSide:
            BorderSide(color: Color.fromARGB(255, 255, 255,
255)),
    ),
    labelText: 'First Name',
    hintText: 'First Name',
    icon: Icon(Icons.person),
  ),
),
),

```

source code di atas untuk menampilkan textfield dari nama depan, sama dengan nama belakang dan email.

```

child: const Text('Tampilkan'),
    style: ElevatedButton.styleFrom(
        primary: Color.fromARGB(255, 255, 178, 204),

```



source code diatas untuk menampilkan tombol 'tampilkan'.

```

RaisedButton(
  child: Text('Login'),
  textColor: Colors.pink,
  onPressed: () {
    Navigator.pushReplacement(context,
      MaterialPageRoute(builder: (context) {
        return Home();
      }
    );
  }
)

```




Source code diatas untuk tombol login dan pergi ke next page.

43. Signup.dart

```
home : Scaffold(
  appBar: AppBar(
    backgroundColor: Color.fromARGB(255, 190, 138, 191),
    leading: Icon(Icons.search),
    title: Text('Welcome to Oyipiy Makeup Shop'),
    centerTitle: true,
    titleTextStyle: TextStyle(color: Colors.white),
  ),
```



Menampilkan appbar dari signup.dart

```
body: Center(
  child: Container(
    color: Color.fromARGB(255, 255, 238, 224),
    padding: EdgeInsets.all(20.0),
    child: ListView(children: [
      SizedBox(
        height: 30,
      ),
    ]),
),
```

Source code diatas adalah tampilan dari body, dan warna dari body.

```
Text(
  " Nama akun Anda : $namadepan $namabelakang \n Email : $email "),
  SizedBox(
    height: 30,
  ),
```




Source code di atas untuk menampilkan hasil output dari textfield


```

    TextField(
      controller: ctrlInamadepan,
      decoration: InputDecoration(
        border: OutlineInputBorder(
          borderRadius: BorderRadius.circular(15.0),
          borderSide:
            BorderSide(color: Color.fromARGB(255, 255, 255,
255))),
      ),
      labelText: 'First Name',
      hintText: 'First Name',
      icon: Icon(Icons.person),
    ),
  ),
),


```



First Name



Last Name



E-mail

source code di atas untuk menampilkan Textfield dari nama depan, sama dengan nama belakang dan email.

```
child: const Text('Tampilkan'),
      style: ElevatedButton.styleFrom(
        primary: Color.fromARGB(255, 255, 178, 204),
```

Tampilkan

source code diatas untuk menampilkan tombol ‘tampilkan’.

```
RaisedButton(
  child: Text('Login'),
  textColor: Colors.pink,
  onPressed: () {
    Navigator.pushReplacement(context,
      MaterialPageRoute(builder: (context) {
```

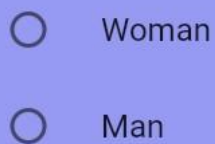
```
return Home();
```



Regist

Soure code diatas untuk tombol regist dan pergi ke next page.

```
ListTile(  
  title: Text("Woman"),  
  leading: Radio(  
    groupValue: gender,  
    value: Gender.woman,  
    onChanged: (Gender? value) {  
      setState(() {  
        gender = value;  
      });  
    })),  
  ListTile(  
    title: Text("Man"),  
    leading: Radio(  
      groupValue: gender,  
      value: Gender.man,  
      onChanged: (Gender? value) {  
        setState(() {  
          gender = value;  
        });  
      })),  
  )
```



☒ Woman
☐ Man

List tile di atas untuk menampilkan piihan gender dan sebelumnya sudah dibuat variable di luar kelas untuk gender tersebut.

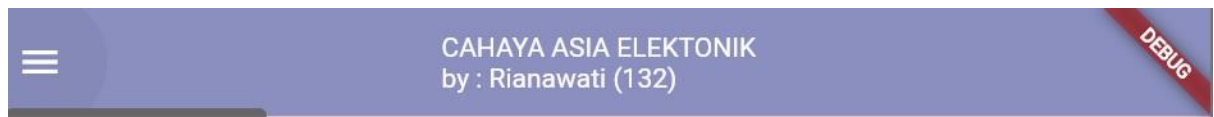
44. Home.dart

```
Widget build(BuildContext context) {  
  return MaterialApp(  
    home: Scaffold(  
      appBar: AppBar(  
        title: Text("Home"),  
      ),  
    ),  
  );  
}
```

```

        backgroundColor: Color.fromARGB(255, 255, 152, 186),
        leading: const Icon(Icons.home),
        title: const Text('MAKEUP SHOP OYIPIY\n'
            'by : Olivia Oktavi (102)'),
        centerTitle: true,
        titleTextStyle:
            const TextStyle(color: Color.fromARGB(255, 255,
255, 255)),
        actions: <Widget>[
            IconButton(
                onPressed: onPressed,
                icon: const Icon(
                    Icons.call,
                    color: Colors.white,

```



AppBar tampilan yang berada dipaling atas, ditambah dengan icon home dan untuk backgroundnya diubah menjadi warna pink yang awalnya biru. Title untuk menambah judul/nama di App bar.

```

body: Center(
    child: Container(
        color: Color.fromARGB(255, 255, 232, 241),
        width: MediaQuery.of(context).size.width,
        height: MediaQuery.of(context).size.height,
        child: ListView(
            children: [
                SingleChildScrollView(
                    scrollDirection: Axis.horizontal,
                    child: Column(
                        children: <Widget>[
                            Row(
                                mainAxisAlignment:
MainAxisAlignment.center,
                                children: <Widget>[
                                    slide(),
                                    slide1(),
                                    slide2(),

```



Source code di atas adalah tampilan body dari aplikasinya. Color untuk mengubah background yang ada di aplikasi. Untuk child : column untuk menghasilkan column. Dan slide () untuk memanggil widget slide. Untuk slide sendiri bisa di geser ke kanan dan kiri.

```
Widget slide() {
  return Container(
    child: Container(
      padding: EdgeInsets.symmetric(vertical: 10, horizontal: 50),
      margin: EdgeInsets.all(20),
      width: 200,
      height: 200,
      decoration: BoxDecoration(
        image: DecorationImage(image: AssetImage('eye.jpg')),
        color: Color.fromARGB(255, 255, 255, 255),
        border: Border.all(
          color: Color.fromARGB(255, 155, 40, 75),
          width: 3,
        ), // Border.all
        borderRadius: BorderRadius.circular(30),
        boxShadow: [
          BoxShadow(
            color: Color.fromARGB(255, 45, 40, 40).withOpacity(0.5),
            spreadRadius: 5,
            offset: Offset(0, 3),
          ) // BoxShadow
        ], // BoxDecoration
      ),
      child: const Text(
        'EYES MAKEUP',
        style: TextStyle(
          backgroundColor: Color.fromARGB(255, 221, 186, 125),
          color: Color.fromARGB(255, 0, 0, 0),
          fontSize: 15,
          fontWeight: FontWeight.bold, // TextStyle
        ), // Text
      ), // Container
    ), // Container
  ); // Container
}

Widget slide1() {
  return Container(
    child: Center(
      child: Container(
        padding: EdgeInsets.symmetric(vertical: 10, horizontal: 50),
        margin: EdgeInsets.all(20),
        width: 200,
        height: 200,
        decoration: BoxDecoration(
          image: DecorationImage(image: AssetImage('lip.jpg')),
          color: Color.fromARGB(255, 0, 0, 0),
          border: Border.all(
            color: Color.fromARGB(255, 142, 60, 60),
            width: 3,
          ), // Border.all
          borderRadius: BorderRadius.circular(30),
          boxShadow: [
            BoxShadow(
              color: Color.fromARGB(255, 255, 166, 213).withOpacity(0.5),
              spreadRadius: 5,
              offset: Offset(0, 3),
            ) // BoxShadow
          ], // BoxDecoration
        ),
        child: const Text(
          'LIPS',
          style: TextStyle(
            backgroundColor: Color.fromARGB(255, 221, 153, 176),
            color: Color.fromARGB(255, 70, 69, 69),
            fontSize: 15,
            fontWeight: FontWeight.bold, // TextStyle
          ), // Text
        ), // Container
      ), // Center
    ), // Container
  ); // Container
}
```

```

Widget slide2() {
  return Center(
    child: Container(
      child: Container(
        padding: EdgeInsets.symmetric(vertical: 10, horizontal: 50),
        margin: EdgeInsets.all(20),
        width: 200,
        height: 200,
        decoration: BoxDecoration(
          image: DecorationImage(image: AssetImage('MARS.jpg')),
          color: Color.fromARGB(255, 255, 255, 255),
          border: Border.all(
            color: Color.fromARGB(255, 0, 0, 0),
            width: 3,
          ), // Border.all
          borderRadius: BorderRadius.circular(30),
          boxShadow: [
            BoxShadow(
              color: Color.fromARGB(255, 50, 50, 50).withOpacity(0.7),
              spreadRadius: 2,
              offset: Offset(0, 3),
            ) // BoxShadow
          ], // BoxDecoration
        ),
      child: const Text(
        'FACE',
        style: TextStyle(
          backgroundColor: Color.fromARGB(255, 221, 153, 176),
          color: Color.fromARGB(255, 70, 69, 69),
          fontSize: 15,
          fontWeight: FontWeight.bold), // TextStyle
      ), // Text
    ), // Container
  ), // Container
); // Center
}

```

Slide{} di atas adalah widget untuk memanggil slide yang berada di widget build.

```

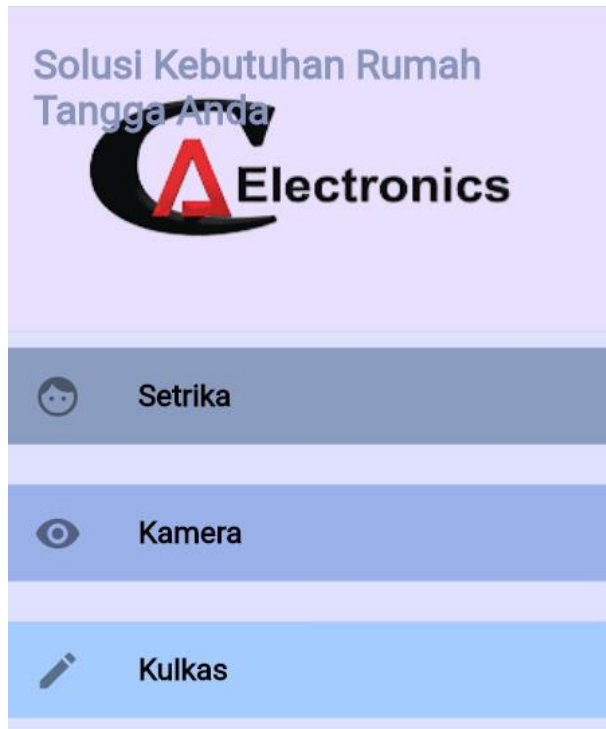
drawer: Drawer(
  backgroundColor: Color.fromARGB(255, 255, 238, 224),
  child: ListView(children: [
    DrawerHeader(
      decoration: BoxDecoration(
        borderRadius: BorderRadius.circular(0.0),
        image: DecorationImage(
          image: AssetImage("assets/image/person.png")),
        color: Color.fromARGB(255, 255, 238, 224),
      ),
      child: Text("Be Beauty For Yourself",
        style: TextStyle(
          color: Color.fromARGB(255, 190, 138, 191),
          fontSize: 20.0,
          fontWeight: FontWeight.bold,
        )),
    ),
    ListTile(
      leading: Icon(Icons.face),
      title: Text(
        "Face Makeup",
        style: TextStyle(
          color: Colors.black,
          fontSize: 15.0,
          fontWeight: FontWeight.bold),
      ),
      tileColor: Color.fromARGB(255, 190, 138, 191),
      onTap: () {
        Navigator.push(

```

```

        context, MaterialPageRoute(builder: (_) => Home()));
    },
),

```



Source di atas untuk memanggil drawer. Ada pun header yang menampilkan gambar dan di bawahnya ada 3 drawer yang merupakan kategori Makeup.

45. face dart

```

Future<dynamic> CustomAlert(BuildContext context, String pesan) {
  return showDialog(
    context: context,
    builder: (context) {
      return AlertDialog(
        title: Text(pesan),
        actions: [
          Column(
            children: [
              Text(
                pesan,
                style: const TextStyle(
                  fontSize: 20,
                  color: Colors.white,
                  fontWeight: FontWeight.bold,
                ),
              ),
            ],
          ),
          const SizedBox(

```

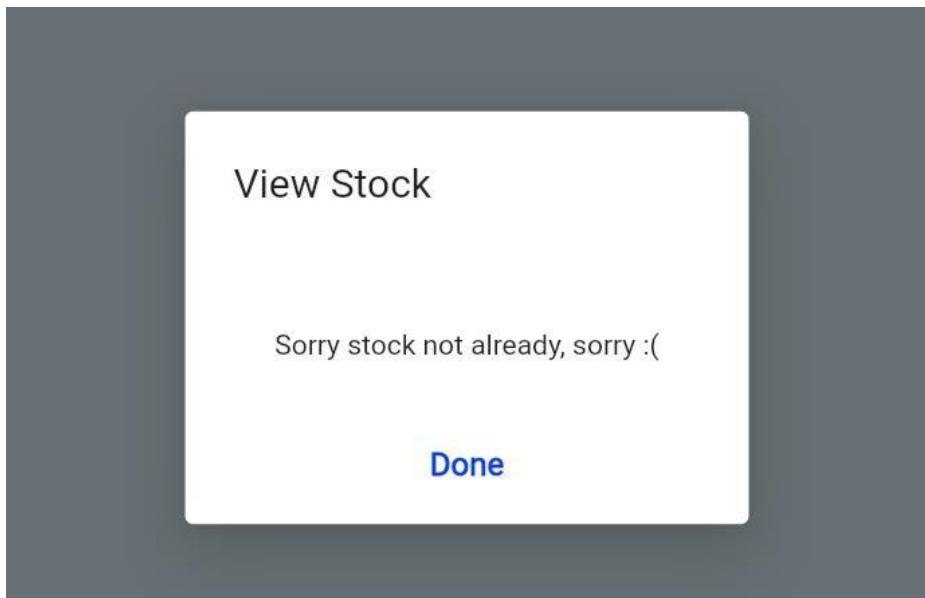
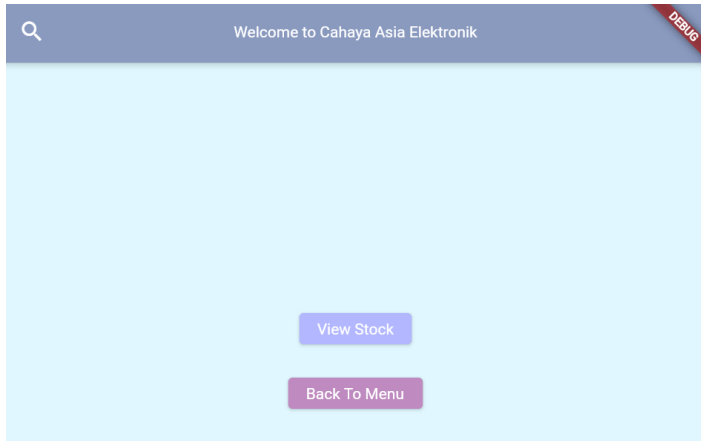
```

        height: 10,
      ),
      Text(
        "Sorry stock not already, sorry :(",
      ),
      const SizedBox(
        height: 30,
      ),
      Container(
        padding: EdgeInsets.all(12),
        width: double.infinity,
        child: InkWell(
          onTap: () {
            Navigator.of(context).pop();
          },
          child: Text(
            "Done",
            textAlign: TextAlign.center,
            style: TextStyle(
              color: Colors.amber,
              fontSize: 16,
              fontWeight: FontWeight.w700,
            ),
          ),
        ),
      ),
    child: Container(
      child: Column(
        mainAxisAlignment: MainAxisAlignment.center,
        children: [
          ElevatedButton(
            onPressed: () {
              CustomAlert(context, "View Stock");
            },
            child: Text("View Stock"),
            style: ElevatedButton.styleFrom(
              primary: Color.fromARGB(255, 255, 178, 204),
            ),
          ),
          SizedBox(
            height: 30,
          ),
          ElevatedButton(
            onPressed: () {
              Navigator.push(context, MaterialPageRoute(builder:
(
) {
              return Home();
            }
          ));
        },
        child: Text(
          "Back To Menu",

```



```
),
style: ElevatedButton.styleFrom(
  primary: Color.fromARGB(255, 190, 138, 191),
```



Kodingan diatas di isi dalam drawer “face”. Didalam ini face belum diisi stocknya, maka memakai **Alert Dialog**.

46. Eye dart

```
static final Snackbar = Snackbar(
  content: Text(
    "Welcome",
  ),
  duration: Duration(seconds: 5),
  backgroundColor: Color.fromARGB(255, 255, 238, 224),
);
```

```

Container(
  child: ElevatedButton(
    onPressed: () {
      final mySnackBar = SnackBar(
        content: Text("All Stock is ready"),
        duration: Duration(seconds: 3),
        padding: EdgeInsets.all(10),
        backgroundColor: Color.fromARGB(255, 190, 138,
191),
      );
      ScaffoldMessenger.of(context).showSnackBar(mySnackBar
);
    },
    child: Text("View stock"),
    style: ElevatedButton.styleFrom(
      primary: Color.fromARGB(255, 255, 178, 204),

```

Diaatas adalah kodingan isi eyes yang berisi stock. Maka dari itu memakai snack bar untuk mengecek stocknya.

47. Splashscreen.dart

```

class splashscreen extends StatefulWidget {

```

```

const splashscreen({Key? key}) : super(key: key);

@override
State<splashscreen> createState() => _splashscreenState();
}

class _splashscreenState extends State<splashscreen> {
  @override
  void initState() {
    super.initState();
    _navigatetohome();
  }

  _navigatetohome() async {
    await Future.delayed(Duration(milliseconds: 1500), () {});
    Navigator.pushReplacement(
      context, MaterialPageRoute(builder: (context) => welcome()));
  }

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      backgroundColor: Color.fromARGB(255, 255, 238, 224),
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            Container(
              height: 300,
              // width: 100,
              color: Color.fromARGB(255, 255, 238, 224),
              child: new Image.asset("assets/image/person.png"),
            ),
            SizedBox(
              height: 30,
            ),
            Container(
              child: Text(
                "",
                style: TextStyle(fontSize: 20, fontWeight:
FontWeight.bold),
              ),
            ),
          ],
        ),
      ),
    );
  }
}

```

```
}
```

Kodingan di atas untuk menampilkan splashscreen.