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Kelas : IF C 2020

## POSTTEST 6

### 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")),
                  ),
                ),
              ),
            ),
          ),
        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,
      ),
    ],
  ),
)
```

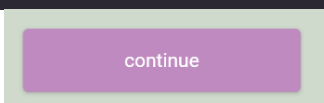


Source code di atas digunakan untuk menampilkan kotak yang berada di bawah logo. Dan kotak itu menampilkan kata yang merupakan sambutan dari proyek flutter ini.

```

        child: Container(
          width: 200,
          height: 45,
          child: ElevatedButton(
            onPressed: (() {
              Navigator.push(context, MaterialPageRoute(
                builder: (_) {
                  return landing();
                },
              ));
            }),
          child: Text(
            "continue",
            style: TextStyle(
              color: Colors.white,
            ),
          ),
        ),

```



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"),
                      ),
                    ),
                  ),
                ),
              ],
            ),
          ),
        ),
```

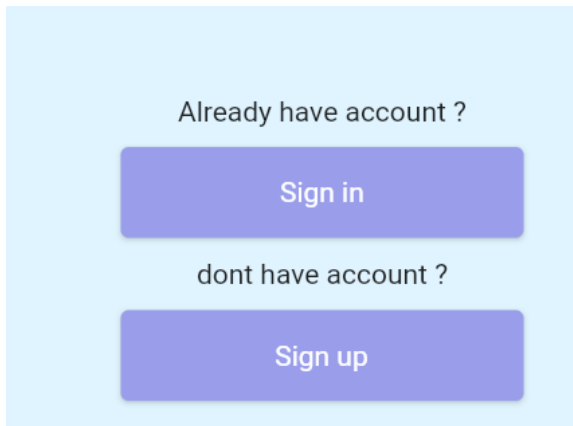
```
Column(
  children: [
    Container(
      width: 200,
      height: 45,
      child: ElevatedButton(
        onPressed: () {
          Navigator.push(context, MaterialPageRoute(builder:
(_) {
          return logins();
        }));
      },
      child: Text(
        "Sign in",
        style: TextStyle(
          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();

```

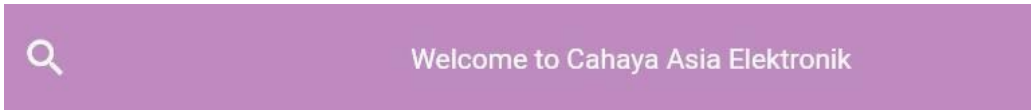
```

  @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.black,        width: 1.0,      ),    ),  ),),
```

```

        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) {
```

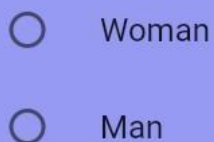
```
return Home();
```



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.

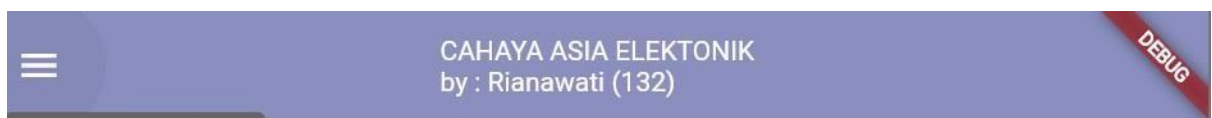
#### 44. Home.dart

```
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
      ), // Container
    child: const Text(
      'EYES MAKEUP',
      style: TextStyle(
        backgroundColor: Color.fromARGB(255, 221, 106, 125),
        color: Color.fromARGB(255, 0, 0, 0),
        fontSize: 15,
        fontWeight: FontWeight.bold, // TextStyle
      ), // Text
    ), // 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
        ), // Container
        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(

```

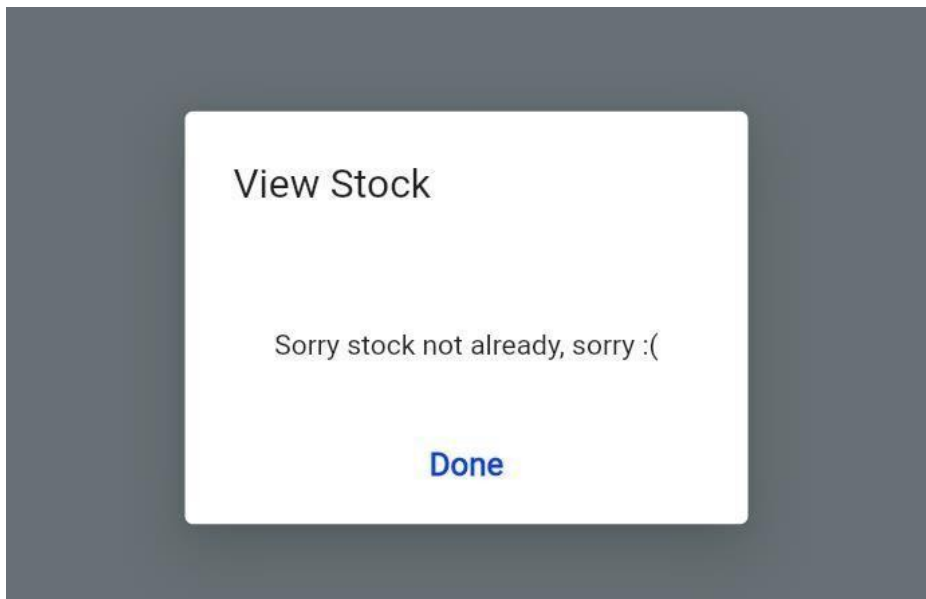
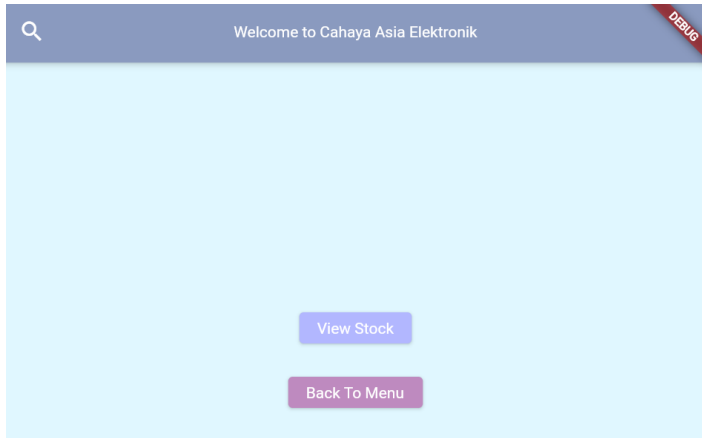
```

        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.