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#### POSTTEST 4

SourceCode Main.dart

```
lib > main.dart > main
1 import 'package:flutter/material.dart';
2 import 'MainPage.dart';
3
Run | Debug | Profile
4 void main() {
5   runApp(const MyApp());
6 }
7
8 class MyApp extends StatelessWidget {
9   const MyApp({Key? key}) : super(key: key);
10
11   @override
12   Widget build(BuildContext context) {
13     return MaterialApp(
14       home: MainPage(),
15     ); // MaterialApp
16   }
17 }
18
```

SourceCode MainPage.dart

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

class MainPage extends StatelessWidget {
  const MainPage({Key? key}) : super(key: key);
  @override
  Widget build(BuildContext context) {
    var lebar = MediaQuery.of(context).size.width;
    var scaffold = Scaffold(
      appBar: AppBar(
        leading: IconButton(
          icon: Icon(Icons.home),
          onPressed: () {},
        ),
        title: Text("HAIR STYLE SALON PUTRI"),
        flexibleSpace: Container(
          decoration: BoxDecoration(
            gradient: LinearGradient(
              begin: Alignment.topLeft,
              end: Alignment.bottomCenter,
```

```

        colors: <Color>[Colors.red, Colors.pink],
      ),
    ),
  ),
),
backgroundColor: Color.fromARGB(255, 240, 238, 238),
body: ListView(
  children: [
    Column(
      crossAxisAlignment: CrossAxisAlignment.center,
      children: [
        Container(
          width: 500,
          height: 350,
          margin: EdgeInsets.only(top: 61),
          decoration: BoxDecoration(
            image: DecorationImage(
              image: AssetImage("assets/hair2.jpg"),
            ),
          ),
        ),
      ],
    ),
    Text(
      "Hair Style Salon ",
      style: TextStyle(
        fontSize: 30,
        fontWeight: FontWeight.bold,
        color: Colors.black,
      ),
    ),
    Text(
      "Welcome Beauty ;) ",
      textAlign: TextAlign.center,
    ),
    SizedBox(
      height: 25,
    ),
    SingleChildScrollView(
      scrollDirection: Axis.horizontal,
      child: Row(
        mainAxisAlignment: MainAxisAlignment.spaceAround,
        children: [
          Container(
            width: 250,
            height: 150,
            margin: EdgeInsets.only(right: 10),
            decoration: BoxDecoration(
              image: DecorationImage(
                image: AssetImage("assets/hair.jpg"),

```

```
),  
    ),  
    ),  
    Container(  
        width: 250,  
        height: 150,  
        margin: EdgeInsets.only(right: 10),  
        decoration: BoxDecoration(  
            image: DecorationImage(  
                image: AssetImage("assets/hair1.jpg"),  
            ),  
        ),  
    ),  
    Container(  
        width: 250,  
        height: 150,  
        margin: EdgeInsets.only(right: 10),  
        decoration: BoxDecoration(  
            image: DecorationImage(  
                image: AssetImage("assets/head.jpg"),  
            ),  
        ),  
    ),  
    Container(  
        width: 250,  
        height: 150,  
        margin: EdgeInsets.only(right: 10),  
        decoration: BoxDecoration(  
            image: DecorationImage(  
                image: AssetImage("assets/hair3.jpg"),  
            ),  
        ),  
    ),  
],  
),  
),  
SizedBox(  
    height: 25,  
),  
Column(  
    children: <Widget>[  
        Row(  
            crossAxisAlignment: CrossAxisAlignment.center,  
            mainAxisAlignment: MainAxisAlignment.spaceAround,  
            children: <Widget>[  
                SizeContainer(isActive: true, size: "Color Hair"),  
                SizeContainer(isActive: true, size: "Cut Hair"),  
                SizeContainer(isActive: true, size: "Cream Bath"),
```

```

        SizeContainer(isActive: true, size: "Wash Hair"),
        SizeContainer(isActive: true, size: "Mask Hair"),
    ],
),
],
),
MyButton()
],
),
],
),
);
return scaffold;
}
}

```

```

class SizeContainer extends StatelessWidget {
  const SizeContainer({Key? key, this.isActive = false, required this.size})
    : super(key: key);
  final bool isActive;
  final String size;
  @override
  Widget build(BuildContext context) {
    return Container(
      width: 85,
      height: 60,
      alignment: Alignment.center,
      decoration: BoxDecoration(
        color: isActive ? Colors.pink : Colors.pink,
        borderRadius: BorderRadius.circular(6),
        border: Border.all(
          width: 1,
          color: Colors.black,
        ),
      ),
    ),
    child: Text(
      size,
      style: TextStyle(
        fontSize: 15,
        fontWeight: FontWeight.bold,
        color: isActive ? Colors.white : Colors.white,
      ),
    ),
  );
}
}

```

```

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

```

```

@override
Widget build(BuildContext context) {
  return Container(
    width: 220,
    height: 55,
    margin: EdgeInsets.only(top: 50),
    child: TextButton(
      style: TextButton.styleFrom(
        backgroundColor: Colors.pink,
        shape: RoundedRectangleBorder(
          borderRadius: BorderRadius.circular(10),
        ),
      ),
      onPressed: () {
        Navigator.push(context, MaterialPageRoute(builder: (_) => Hal2()));
      },
      child: Text(
        "Reservasi",
        style: TextStyle(
          color: Color(0xffffffff),
        ),
      ),
    ),
  );
}

```

```

class Hal2 extends StatefulWidget {
  const Hal2({Key? key}) : super(key: key);
  @override
  State<Hal2> createState() => _Hal2State();
}

class _Hal2State extends State<Hal2> {
  int _index = 0;
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text("RESERVASI TEMPAT"),
        backgroundColor: Color.fromARGB(255, 230, 110, 110),
      ),
      body: Center(
        child: TextFormField(
          decoration: new InputDecoration(
            labelText: "Nama Lengkap",
            icon: Icon(Icons.people),
            border: OutlineInputBorder(
              borderRadius: new BorderRadius.circular(5.0)),
          ),
        ),
      ),
    );
  }
}

```

```

        validator: (value) {
          if (value!.isEmpty) {
            return 'Nama tidak boleh kosong';
          }
          return null;
        },
      ),
    ),
  );
}
}

```

Penjelasan dan SS Program :

Di program appBar ini menggunakan warna gradient dan memiliki icon home yang bisa juga tekan button homenya dengan menggunakan onPressed.

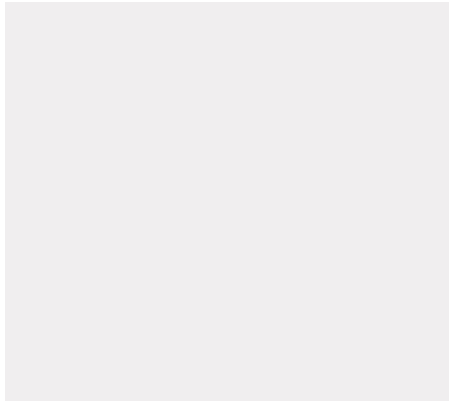
```

appBar: AppBar(
  leading: IconButton(
    icon: Icon(Icons.home),
    onPressed: () {},
  ),
  title: Text("HAIR STYLE SALON PUTRI"),
  flexibleSpace: Container(
    decoration: BoxDecoration(
      gradient: LinearGradient(
        begin: Alignment.topLeft,
        end: Alignment.bottomCenter,
        colors: <Color>[Colors.red, Colors.pink],
      ),
    ),
  ),
),

```



Tampilan ini untuk mengatur warna background yang ingin kita gunakan.  
`backgroundColor: Color.fromARGB(255, 240, 238, 238),`



Lalu pada tampilan ini kita menggunakan listview dan untuk bisa ngescroll gambar ke bawah kita bisa menggunakan fungsi column lalu `CrossAxisAlignment.center`, untuk melihat tampilan gambar images sebelum itu kita bisa reveal in file explore terlebih dahulu dan pilih gambar taruh di assets.

```
body: ListView(  
  children: [  
    Column(  
      crossAxisAlignment: CrossAxisAlignment.center,  
      children: [  
        Container(  
          width: 500,  
          height: 350,  
          margin: EdgeInsets.only(top: 61),  
          decoration: BoxDecoration(  
            image: DecorationImage(  
              image: AssetImage("assets/hair2.jpg"),  
            ),  
          ),  
        ),  
      ],  
    ),  
  ],  
)
```



Selanjutnya pada tampilan ini kita menggunakan fungsi text

```
Text(  
  "Welcome Beauty ;)",
```

```

        textAlign: TextAlign.center,
      ),
      SizedBox(
        height: 25,
      ),
    ),
  ),

```

## Hair Style Salon

Welcome Beauty ;)

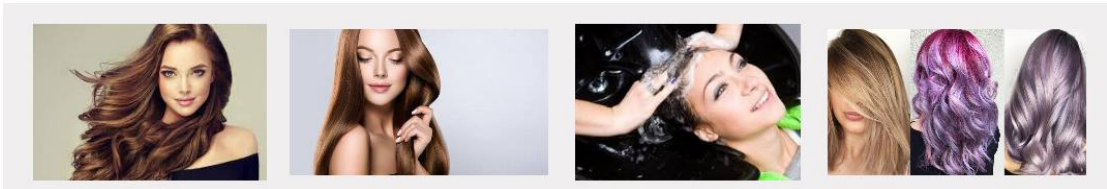
Untuk Tampilan ini Saya menggunakan ScrollDirection untuk bisa menggeser slide gambar secara horizontal lalu mengatur jarak gambar dengan menggunakan mainAxisAlignment: MainAxisAlignment.spaceAround, dan mengatur container lalu memasukan image

```

SingleChildScrollView(
  scrollDirection: Axis.horizontal,
  child: Row(
    mainAxisAlignment: MainAxisAlignment.spaceAround,
    children: [
      Container(
        width: 250,
        height: 150,
        margin: EdgeInsets.only(right: 10),
        decoration: BoxDecoration(
          image: DecorationImage(
            image: AssetImage("assets/hair.jpg"),
          ),
        ),
      ),
      Container(
        width: 250,
        height: 150,
        margin: EdgeInsets.only(right: 10),
        decoration: BoxDecoration(
          image: DecorationImage(
            image: AssetImage("assets/hair1.jpg"),
          ),
        ),
      ),
      Container(
        width: 250,
        height: 150,
        margin: EdgeInsets.only(right: 10),
        decoration: BoxDecoration(
          image: DecorationImage(
            image: AssetImage("assets/head.jpg"),
          ),
        ),
      ),
    ],
  ),
)

```



[illegible]

Pada Tampilan ini menggunakan row untuk menampilkan button secara menyamping atau horizontal lalu di bagian ini pula saya masih belum bisa untuk menekan tombol button di setiap kotaknya karna masih belum bisa.

```
Column(
  children: <Widget>[
    Row(
      crossAxisAlignment: CrossAxisAlignment.center,
      mainAxisAlignment: MainAxisAlignment.spaceAround,
      children: <Widget>[
        SizeContainer(isActive: true, size: "Color Hair"),
        SizeContainer(isActive: true, size: "Cut Hair"),
        SizeContainer(isActive: true, size: "CreamBath"),
        SizeContainer(isActive: true, size: "Wash Hair"),
        SizeContainer(isActive: true, size: "Mask Hair"),
      ],
    ),
  ],
),
MyButton()
],
),
],
),
);
return scaffold;
}
```

Di bagian ini pula untuk mengatur decoration yang ada di button yang kita gunakan lalu kita bisa mengatur colornya dan menggunakan border radius untuk membuat lengkungan kecil yang ada di kotak dan border all pula berfungsi untuk menambahkan garis tepi hitam yang ada pada setiap button.

```
class SizeContainer extends StatelessWidget {
  const SizeContainer({Key? key, this.isActive = false, required this.size})
    : super(key: key);
  final bool isActive;
  final String size;
  @override
  Widget build(BuildContext context) {
    return Container(
      width: 85,
      height: 60,
      alignment: Alignment.center,
      decoration: BoxDecoration(
        color: isActive ? Colors.pink : Colors.pink,
        borderRadius: BorderRadius.circular(6),
        border: Border.all(
          width: 1,
          color: Colors.black,
        ),
      ),
      child: Text(
        size,
        style: TextStyle(
          fontSize: 15,
          fontWeight: FontWeight.bold,
          color: isActive ? Colors.white : Colors.white,
        ),
      ),
    );
  }
}
```



Di tombol reservasi ini pula kita bisa mengklik tombol button tersebut karna adanya onPressed lalu kita bisa masukan Navigator push untuk bisa next ke halaman ke dua, di dalam itu shape yang kita gunakan adalah rectangleborder.

```
class MyButton extends StatelessWidget {
  const MyButton({Key? key}) : super(key: key);
  @override
  Widget build(BuildContext context) {
    return Container(
      width: 220,
```

```

    height: 55,
    margin: EdgeInsets.o
class MyButton extends StatelessWidget {
  const MyButton({Key? key}) : super(key: key);
  @override
  Widget build(BuildContext context) {
    return Container(
      width: 220,
      height: 55,
      margin: EdgeInsets.only(top: 50),
      child: TextButton(
        style: TextButton.styleFrom(
          backgroundColor: Colors.pink,
          shape: RoundedRectangleBorder(
            borderRadius: BorderRadius.circular(10),
          ),
        ),
        onPressed: () {
          Navigator.push(context, MaterialPageRoute(builder: (_) => Hal2()));
        },
        child: Text(
          "Reservasi",
          style: TextStyle(
            color: Color(0xffffffff),
          ),
        ),
      ),
    );
  }
}

```



Codingan berikut ini untuk menampilkan appbar halaman kedua

```

class Hal2 extends StatefulWidget {
  const Hal2({Key? key}) : super(key: key);

  @override
  State<Hal2> createState() => Hal2State();
}
class Hal2State extends State<Hal2> {
  int index = 0;
  @override
  Widget build(BuildContext context) {
    return Scaffold(

```

```

appBar: AppBar(
  title: Text("RESERVASI TEMPAT"),
  backgroundColor: Color.fromARGB(255, 230, 110, 110),
),

```



Lalu di halaman kedua ini kita akan mengisi bodynya tentang reservasi dengan memasukan Nama Lengkap Kalian.

```

body: Center(
  child: TextFormField(
    decoration: new InputDecoration(
      labelText: "Nama Lengkap",
      icon: Icon(Icons.people),
      border: OutlineInputBorder(
        borderRadius: new BorderRadius.circular(5.0)),
    ),
    validator: (value) {
      if (value!.isEmpty) {
        return 'Nama tidak boleh kosong';
      }
      return null;
    },
  ),
),
);
}
}

```



Nama Lengkap

Clean Flutter :

```
PROBLEMS 55 OUTPUT TERMINAL
[posttest4_077_putriwahdaniyahiskandar] flutter clean
Deleting build... 273ms
Deleting .dart_tool... 62ms
Deleting .packages... 3ms
Deleting Generated.xcconfig... 0ms
Deleting flutter_export_environment.sh... 0ms
exit code 0
```