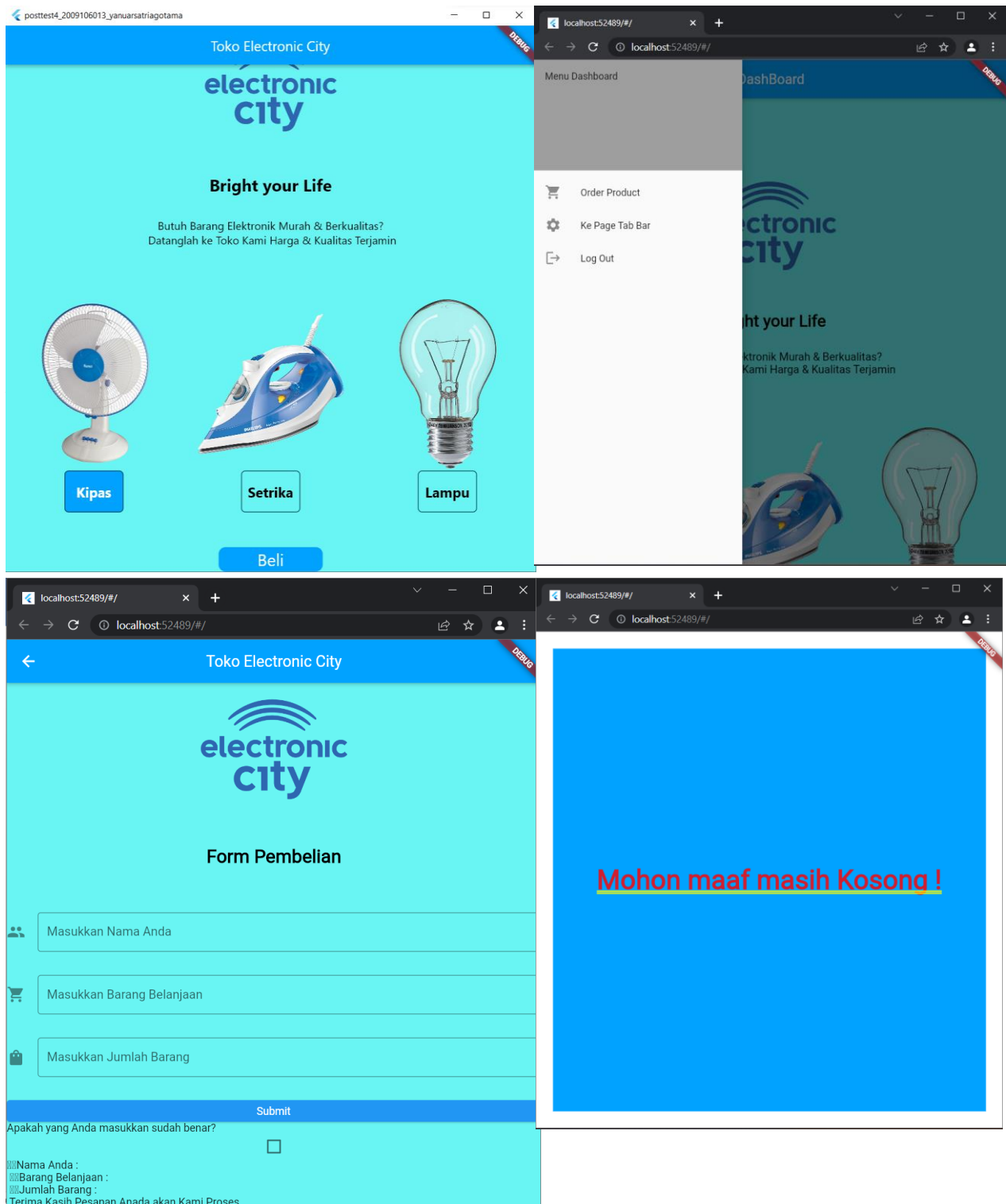**Nama   : Yanuar Satria Gotama**

Nim   : 2009106013

Kelas   : Informatika A 2020

POSTTEST 4 PeMo

Saya menggabungkan posttest saya sebelumnya sehingga penjelasan widget sama persis seperti kemarin dan ada beberapa tambahan drawer, dan menyambungkannya ke beberapa page yang berbeda dan saya memasukkan page kosong karena page saya belum lengkap

Main.dart

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


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

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

  @override
  State<MyApp> createState() => _MyAppState();
}

class _MyAppState extends State<MyApp> {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      home: LandingPage(),
    );
  }
}
```

LandingPage.dart

```dart
import 'package:flutter/material.dart';
import 'package:posttest4_2009106013_yanuarsatriagotama/Order.dart';
import 'MainPage.dart';

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

  @override
  State<LandingPage> createState() => _LandingPageState();
}
```

```dart
class _LandingPageState extends State<LandingPage> {
  @override
  Widget build(BuildContext context) {
    var lebar = MediaQuery.of(context).size.width;
    return Scaffold(
      appBar: AppBar(
        title: Text('Toko Electronic City'),
        backgroundColor: Color.fromARGB(255, 1, 162, 255),
        centerTitle: true,
      ),
      backgroundColor: Color.fromARGB(255, 105, 245, 243),
      body: ListView(
        children: [
          Column(
            crossAxisAlignment: CrossAxisAlignment.center,
            children: [
              Container(
                width: 200,
                height: 250,
                margin: EdgeInsets.only(top: 61),
                decoration: BoxDecoration(
                  image: DecorationImage(
                    image: AssetImage("assets/elec.png"),
                  ),
                ),
              ),
              Text(
                "Bright your Life\n",
                style: TextStyle(
                  fontSize: 24,
                  fontWeight: FontWeight.bold,
                  color: Color.fromARGB(255, 0, 0, 0),
                ),
              ),
              Text(
                "Butuh Barang Elektronik Murah & Berkualitas?\n Datanglah ke Toko
Kami Harga & Kualitas Terjamin",
                style: TextStyle(
                  fontSize: 16,
                  color: Color.fromARGB(255, 0, 0, 0),
                ),
                textAlign: TextAlign.center,
              ),
              SizedBox(
                height: 10,
```

```dart
              ),
            Row(
              mainAxisAlignment: MainAxisAlignment.spaceAround,
              children: [
                Container(
                  width: 210,
                  height: 250,
                  margin: EdgeInsets.only(top: 61),
                  decoration: BoxDecoration(
                    image: DecorationImage(
                      image: AssetImage("assets/kipas.png"),
                    ),
                  ),
                ),
                Container(
                  width: 210,
                  height: 250,
                  margin: EdgeInsets.only(top: 61),
                  decoration: BoxDecoration(
                    image: DecorationImage(
                      image: AssetImage("assets/setrika.png"),
                    ),
                  ),
                ),
                Container(
                  width: 210,
                  height: 250,
                  margin: EdgeInsets.only(top: 61),
                  decoration: BoxDecoration(
                    image: DecorationImage(
                      image: AssetImage("assets/lampu.png"),
                    ),
                  ),
                ),
              ],
            ),

          Row(
            mainAxisAlignment: MainAxisAlignment.spaceAround,
            children: [
              SizeContainer(isActive: true, size: "Kipas"),
              SizeContainer(size: "Setrika"),
              SizeContainer(size: "Lampu"),
            ],
          ),
```

```dart
                ButtonMainPage()
            ],
          ),
        ],
      ),
    );
  }
}

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 ? Color.fromARGB(255, 1, 162, 255) : Colors.transparent,
        borderRadius: BorderRadius.circular(6),
        border: Border.all(
          width: 1,
          color: Color(0xFF023E4A),
        ),
      ),
      child: Text(
        size,
        style: TextStyle(
          fontSize: 20,
          fontWeight: FontWeight.bold,
          color: isActive ? Colors.white : Colors.black,
        ),
      ),
    );
  }
}

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

```
      @override
      State<ButtonMainPage> createState() => _ButtonMainPageState();
}

class _ButtonMainPageState extends State<ButtonMainPage> {
  Widget build(BuildContext context) {
    return GestureDetector(
      onTap: (() {
        Navigator.pushReplacement(context, MaterialPageRoute(builder: (_) {
          return MainPage();
        }));
      }),
      child: Container(
        width: 150,
        height: 35,
        margin: EdgeInsets.only(top: 50, bottom: 20),
        alignment: Alignment.center,
        decoration: BoxDecoration(
          color: Color.fromARGB(255, 1, 162, 255),
          borderRadius: BorderRadius.circular(10),
        ),
        child: Text(
          "Beli",
          style: TextStyle(
            fontSize: 24,
            color: Colors.white,
          ),
        ),
      ),
    );
  }
}
```

MainPage.dart

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

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

  @override
  State<MainPage> createState() => _MainPageState();
}
```

```dart
class _MainPageState extends State<MainPage> {

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('DashBoard'),
        backgroundColor: Color.fromARGB(255, 1, 162, 255),
        centerTitle: true,
      ),
      backgroundColor: Color.fromARGB(255, 105, 245, 243),
      body: ListView(
        children: [
          Column(
            crossAxisAlignment: CrossAxisAlignment.center,
            children: [
              Container(
                width: 200,
                height: 250,
                margin: EdgeInsets.only(top: 61),
                decoration: BoxDecoration(
                  image: DecorationImage(
                    image: AssetImage("assets/elec.png"),
                  ),
                ),
              ),
              Text(
                "Bright your Life\n",
                style: TextStyle(
                  fontSize: 24,
                  fontWeight: FontWeight.bold,
                  color: Color.fromARGB(255, 0, 0, 0),
                ),
              ),
              Text(
                "Butuh Barang Elektronik Murah & Berkualitas?\n Datanglah ke Toko
Kami Harga & Kualitas Terjamin",
                style: TextStyle(
                  fontSize: 16,
                  color: Color.fromARGB(255, 0, 0, 0),
                ),
                textAlign: TextAlign.center,
              ),
              SizedBox(
                height: 10,
```

```dart
        ),
      Row(
        mainAxisAlignment: MainAxisAlignment.spaceAround,
        children: [
          Container(
            width: 210,
            height: 250,
            margin: EdgeInsets.only(top: 61),
            decoration: BoxDecoration(
              image: DecorationImage(
                image: AssetImage("assets/kipas.png"),
              ),
            ),
          ),
          Container(
            width: 210,
            height: 250,
            margin: EdgeInsets.only(top: 61),
            decoration: BoxDecoration(
              image: DecorationImage(
                image: AssetImage("assets/setrika.png"),
              ),
            ),
          ),
          Container(
            width: 210,
            height: 250,
            margin: EdgeInsets.only(top: 61),
            decoration: BoxDecoration(
              image: DecorationImage(
                image: AssetImage("assets/lampu.png"),
              ),
            ),
          ),
        ],
      ),
    Row(
      mainAxisAlignment: MainAxisAlignment.spaceAround,
      children: [
        SizeContainer(isActive: true, size: "Kipas"),
        SizeContainer(size: "Setrika"),
        SizeContainer(size: "Lampu"),
      ],
    ),
  ],
],
```

```dart
            ),
          ],
        ),
        drawer: Drawer(
          child: ListView(
            children: [
              const DrawerHeader(
                decoration: BoxDecoration(
                  color: Colors.grey,
                ),
                child: Text("Menu Dashboard"),
              ),
              ListTile(
                leading: Icon(Icons.shopping_cart),
                title: Text("Order Product"),
                onTap: () {
                  Navigator.push(
                    context,
                    MaterialPageRoute(builder: (_) {
                      return Order();
                    }),
                  );
                },
              ),
              ListTile(
                leading: Icon(Icons.settings),
                title: Text("Ke Page Tab Bar"),
                onTap: () {
                  Navigator.push(
                    context,
                    MaterialPageRoute(builder: (_) {
                      return blank();
                    }),
                  );
                },
              ),
              ListTile(
                leading: Icon(Icons.logout),
                title: Text("Log Out"),
                onTap: () {
                  Navigator.push(
                    context,
                    MaterialPageRoute(builder: (_) {
                      return blank();
                    }),
```

```dart
            );
          },
        ),
      ],
    ),
  ),
);
}
}
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 ? Color.fromARGB(255, 1, 162, 255) : Colors.transparent,
        borderRadius: BorderRadius.circular(6),
        border: Border.all(
          width: 1,
          color: Color(0xFF023E4A),
        ),
      ),
      child: Text(
        size,
        style: TextStyle(
          fontSize: 20,
          fontWeight: FontWeight.bold,
          color: isActive ? Colors.white : Color(0xFF023E4A),
        ),
      ),
    );
  }
}
class blank extends StatelessWidget {
  const blank({Key? key}) : super(key: key);

  @override
```

```dart
  Widget build(BuildContext context) {
    return Container(
      width: 10,
      height: 10,
      margin: EdgeInsets.all(25),
      color: Color.fromARGB(255, 1, 162, 255),
      alignment: Alignment.center,
      child: Text(
        "Mohon maaf masih Kosong !",
        style: TextStyle(fontSize: 40),
      ),
    );
  }
}
```

Order.dart

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

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

  @override
  State<Order> createState() => _OrderState();
}

class _OrderState extends State<Order> {
  int angka = 0;
  String nama = " ", barang = "", jumlah = "";
  TextEditingController controllerA = TextEditingController();
  TextEditingController controllerB = TextEditingController();
  TextEditingController controllerC = TextEditingController();
  bool? myCheck = false;

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('Toko Electronic City'),
        backgroundColor: Color.fromARGB(255, 1, 162, 255),
        centerTitle: true,
      ),
      backgroundColor: Color.fromARGB(255, 105, 245, 243),
```

```dart
body: ListView(
  children: [
    Column(
      crossAxisAlignment: CrossAxisAlignment.center,
      children: [
        Container(
          width: 200,
          height: 250,
          margin: EdgeInsets.only(top: 61),
          decoration: BoxDecoration(
            image: DecorationImage(
              image: AssetImage("assets/elec.png"),
            ),
          ),
        ),
        Text(
          "Form Pembelian\n",
          style: TextStyle(
            fontSize: 24,
            fontWeight: FontWeight.bold,
            color: Color.fromARGB(255, 0, 0, 0),
          ),
        ),
      ]
    ),

    SizedBox(height:  30),
    TextFormField(
      controller: controllerA,
      decoration: InputDecoration(
        labelText: "Masukkan Nama Anda",
        icon: Icon(Icons.people),
        border: OutlineInputBorder(),
      ),
    ),
    SizedBox(height:  30),
    TextFormField(
      controller: controllerB,
      decoration: InputDecoration(
        labelText: "Masukkan Barang Belanjaan",
        icon: Icon(Icons.shopping_cart),
        border: OutlineInputBorder(),
      ),
    ),
    SizedBox(height: 30),
```

```dart
          TextFormField(
            controller: controllerC,
            decoration: InputDecoration(
              labelText: "Masukkan Jumlah Barang",
              icon: Icon(Icons.shopping_bag),
              border: OutlineInputBorder(),
            ),
          ),
          SizedBox(height: 30),
          ElevatedButton(
            onPressed: () {
              setState(() {
                nama = controllerA.text;
                barang = controllerB.text;
                jumlah = controllerC.text;
              });
            },
          child: Text("Submit"),
          ),
          Text("Apakah yang Anda masukkan sudah benar?"),
          Checkbox(value: myCheck, onChanged: (value) {
            myCheck = value ;
            setState(() {});
          }),
          Text("\t\tNama Anda : $nama \n \t\tBarang Belanjaan :  $barang \n
\t\tJumlah Barang : $jumlah \n Terima Kasih Pesanan Anada akan Kami Proses")
          ],
        ),
      );
  }
}
```