

TUGAS 3

pubspec.yaml

```
name: gojekapp
description: A new Flutter project.

# The following line prevents the package from being accidentally published to
# pub.dev using `flutter pub publish`. This is preferred for private packages.
publish_to: 'none' # Remove this line if you wish to publish to pub.dev

version: 1.0.0+1

environment:
  sdk: ">=2.16.1 <3.0.0"

# Dependencies specify other packages that your package needs in order to work.
# To automatically upgrade your package dependencies to the latest versions
# consider running `flutter pub upgrade --major-versions`. Alternatively,
# dependencies can be manually updated by changing the version numbers below to
# the latest version available on pub.dev. To see which dependencies have newer
# versions available, run `flutter pub outdated`.
dependencies:
  flutter:
    sdk: flutter

  # The following adds the Cupertino Icons font to your application.
  # Use with the CupertinoIcons class for iOS style icons.
  cupertino_icons: ^1.0.2

dev_dependencies:
  flutter_test:
    sdk: flutter

  # The "flutter_lints" package below contains a set of recommended lints to
  # encourage good coding practices. The lint set provided by the package is
  # activated in the `analysis_options.yaml` file located at the root of your
  # package. See that file for information about deactivating specific lint
  # rules and activating additional ones.
  flutter_lints: ^1.0.0

# For information on the generic Dart part of this file, see the
# following page: https://dart.dev/tools/pub/pubspec

# The following section is specific to Flutter.
```

flutter:

```
# The following line ensures that the Material Icons font is
# included with your application, so that you can use the icons in
# the material Icons class.
uses-material-design: true

# To add assets to your application, add an assets section, like this:
assets:
- assets/img/img_gojek_logo.png
- assets/images/food_1.jpg
- assets/images/food_2.jpg
- assets/images/food_3.jpg
- assets/images/food_4.jpg
- assets/images/food_5.jpg
- assets/icons/icon_menu.png
- assets/icons/icon_saldo.png
- assets/icons/icon_scan.png
- assets/icons/icon_transfer.png

fonts:
- family: NeoSans
  fonts:
    - asset: assets/fonts/Neo Sans Std Regular.otf
- family: NeoSansBold
  fonts:
    - asset: assets/fonts/Neo Sans Std Bold.otf
```

main.dart

```
import 'package:flutter/material.dart';
import 'launcher/launcher_view.dart';
import 'constant.dart';
import 'package:flutter/services.dart';

void main() => runApp(new MyApp());

class MyApp extends StatelessWidget {
  @override

  Widget build(BuildContext context) {
    return new MaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'Gojek Isti',
```

```

        theme: new ThemeData(
          fontFamily: 'NeoSans',
          primaryColor: GojekPalette.green,
          accentColor: GojekPalette.green,
        ),
        home: new LauncherPage(),
      );
    }
  }
}

```

constant.dart

```

import 'package:flutter/material.dart';

class GojekPalette {
  static Color green = Color.fromARGB(255, 69, 170, 74);
  static Color grey = Color.fromARGB(255, 242, 242, 242);
  static Color grey200 = Color.fromARGB(200, 242, 242, 242);
  static Color menuRide = Color(0xffe99e1e);
  static Color menuCar = Color(0xff14639e);
  static Color menuBluebird = Color(0xff2da5d9);
  static Color menuFood = Color(0xffec1d27);
  static Color menuSend = Color(0xff8dc53e);
  static Color menuDeals = Color(0xffff43f24);
  static Color menuPulsa = Color(0xff72d2a2);
  static Color menuOther = Color(0xffa6a6a6);
  static Color menuShop = Color(0xff0b945e);
  static Color menuMart = Color(0xff68a9e3);
  static Color menuTix = Color(0xffe86f16);
}

```

beranda_gojek_appbar.dart

```

import 'package:flutter/material.dart';

class GojekAppBar extends AppBar {
  GojekAppBar()
    : super(
        elevation: 0.25,
        backgroundColor: Colors.white,
        flexibleSpace: _buildGojekAppBar());

  static Widget _buildGojekAppBar() {

```

```

return new Container(
  padding: EdgeInsets.only(left: 16.0, right: 16.0),
  child: new Row(
    mainAxisAlignment: MainAxisAlignment.spaceBetween,
    children: <Widget>[
      new Image.asset(
        "assets/img/img_gojek_logo.png",
        height: 50.0,
        width: 100.0,
      ),
      new Container(
        child: new Row(
          children: <Widget>[
            new Container(
              height: 28.0,
              width: 28.0,
              padding: EdgeInsets.all(6.0),
              decoration: new BoxDecoration(
                borderRadius:
                  new BorderRadius.all(new Radius.circular(100.0)),
                color: Colors.orangeAccent),
              alignment: Alignment.centerRight,
              child: new Icon(
                Icons.local_bar,
                color: Colors.white,
                size: 16.0,
              ),
            ),
          ],
        ),
      new Container(
        padding: EdgeInsets.all(6.0),
        decoration: new BoxDecoration(
          borderRadius:
            new BorderRadius.all(new Radius.circular(5.0)),
          color: Color(0x50FFD180)),
        child: new Text(
          "1.781 poin",
          style: TextStyle(fontSize: 14.0),
        ),
      ),
    ],
  ),
);

```

```
}  
}
```

beranda_model.dart

```
import 'package:flutter/material.dart';  
  
class GojekService {  
  IconData image;  
  Color color;  
  String title;  
  
  GojekService({required this.image, required this.title, required this.color});  
}  
  
class Food {  
  String title;  
  String image;  
  Food({required this.title, required this.image});  
}
```

beranda_view.dart

```
import 'package:flutter/material.dart';  
import 'package:gojekapp/beranda/beranda_gojek_appbar.dart';  
import 'package:gojekapp/beranda/beranda_model.dart';  
import 'package:gojekapp/constant.dart';  
  
class BerandaPage extends StatefulWidget {  
  @override  
  _BerandaPageState createState() => new _BerandaPageState();  
}  
  
class _BerandaPageState extends State<BerandaPage> {  
  // list gojek services  
  List<GojekService> _gojekServiceList = [];  
  List<Food> _goFoodFeaturedList = [];  
  
  @override  
  void initState() {  
    super.initState();  
  }
```

```

        _gojekServiceList.add(new GojekService(
            image: Icons.directions_bike,
            color: GojekPalette.menuRide,
            title: "GO-RIDE"));
        _gojekServiceList.add(new GojekService(
            image: Icons.local_car_wash,
            color: GojekPalette.menuCar,
            title: "GO-CAR"));
        _gojekServiceList.add(new GojekService(
            image: Icons.directions_car,
            color: GojekPalette.menuBluebird,
            title: "GO-BLUEBIRD"));
        _gojekServiceList.add(new GojekService(
            image: Icons.restaurant,
            color: GojekPalette.menuFood,
            title: "GO-FOOD"));
        _gojekServiceList.add(new GojekService(
            image: Icons.next_week,
            color: GojekPalette.menuSend,
            title: "GO-SEND"));
        _gojekServiceList.add(new GojekService(
            image: Icons.local_offer,
            color: GojekPalette.menuDeals,
            title: "GO-DEALS"));
        _gojekServiceList.add(new GojekService(
            image: Icons.phonelink_ring,
            color: GojekPalette.menuPulsa,
            title: "GO-PULSA"));
        _gojekServiceList.add(new GojekService(
            image: Icons.apps, color: GojekPalette.menuOther, title: "LAINNYA"));
        _gojekServiceList.add(new GojekService(
            image: Icons.shopping_basket,
            color: GojekPalette.menuShop,
            title: "GO-SHOP"));
        _gojekServiceList.add(new GojekService(
            image: Icons.shopping_cart,
            color: GojekPalette.menuMart,
            title: "GO-MART"));
        _gojekServiceList.add(new GojekService(
            image: Icons.local_play, color: GojekPalette.menuTix, title: "GO-TIX"));

        /*Dibawah inisiasi Gojek Services*/
    }

    Future<List<Food>> fetchFood() async {

```

```

List<Food> _goFoodFeaturedList = [];
_goFoodFeaturedList.add(
  new Food(title: "Steak Andakar", image: "assets/images/food_1.jpg"));
_goFoodFeaturedList.add(
  new Food(title: "Mie Ayam Tumini", image: "assets/images/food_2.jpg"));
_goFoodFeaturedList.add(
  new Food(title: "Tengkleng Hohah", image: "assets/images/food_3.jpg"));
_goFoodFeaturedList.add(
  new Food(title: "Warung Steak", image: "assets/images/food_4.jpg"));
_goFoodFeaturedList.add(new Food(
  title: "Kindai Warung Banjar", image: "assets/images/food_5.jpg"));

return new Future.delayed(new Duration(seconds: 1), () {
  return _goFoodFeaturedList;
});
}

Widget _buildGojekServicesMenu() {
  return new SizedBox(
    width: double.infinity,
    height: 220.0,
    child: new Container(
      margin: EdgeInsets.only(top: 8.0, bottom: 8.0),
      child: GridView.builder(
        physics: ClampingScrollPhysics(),
        itemCount: 8,
        gridDelegate: new SliverGridDelegateWithFixedCrossAxisCount(
          crossAxisCount: 4),
        itemBuilder: (context, position) {
          return _rowGojekService(_gojekServiceList[position]);
        }));
}

Widget _buildGoFoodFeatured() {
  return new Container(
    padding: EdgeInsets.fromLTRB(16.0, 16.0, 0.0, 16.0),
    child: new Column(
      crossAxisAlignment: CrossAxisAlignment.stretch,
      children: <Widget>[
        new Text(
          "GO-FOOD",
          style: new TextStyle(fontFamily: "NeoSansBold"),
        ),
        new Padding(
          padding: EdgeInsets.only(top: 8.0),

```

```

    ),
    new Text(
      "Pilihan Terlaris",
      style: new TextStyle(fontFamily: "NeoSansBold"),
    ),
    new SizedBox(
      height: 172.0,
      child: FutureBuilder<List>(
        future: fetchFood(),
        builder: (context, snapshot) {
          if (snapshot.hasData) {
            return new ListView.builder(
              itemCount: snapshot.data!.length,
              padding: EdgeInsets.only(top: 12.0),
              physics: new ClampingScrollPhysics(),
              scrollDirection: Axis.horizontal,
              itemBuilder: (context, index) {
                return _rowGoFoodFeatured(snapshot.data![index]);
              },
            );
          }
          return Center(
            child: SizedBox(
              width: 40.0,
              height: 40.0,
              child: const CircularProgressIndicator(),
            ),
          );
        },
      ),
    ],
  ),
);
}

```

```

Widget _buildMenuBottomSheet() {
  return new StatefulBuilder(builder: (c, s) {
    return new SafeArea(
      child: new Container(
        padding: EdgeInsets.only(left: 16.0, right: 16.0),
        width: double.infinity,
        decoration: new BoxDecoration(
          borderRadius: BorderRadius.circular(4.0), color: Colors.white),
        child: new Column(children: <Widget>[
          new Icon(
            Icons.drag_handle,

```



```

        color: GojekPalette.grey,
      ),
      new Row(
        mainAxisAlignment: MainAxisAlignment.spaceBetween,
        children: <Widget>[
          new Text(
            "GO-JEK Services",
            style: new TextStyle(fontFamily: "NeoSansBold", fontSize: 18.0),
          ),
          new OutlinedButton(
            // color: GojekPalette.green,
            onPressed: () {},
            child: new Text(
              "EDIT FAVORITES",
              style:
                new TextStyle(fontSize: 12.0, color: GojekPalette.green),
            ),
          ),
        ],
      ),
    new Container(
      height: 300.0,
      child: new GridView.builder(
        physics: new NeverScrollableScrollPhysics(),
        itemCount: _gojekServiceList.length,
        gridDelegate: new SliverGridDelegateWithFixedCrossAxisCount(
          crossAxisCount: 4),
        itemBuilder: (context, position) {
          return _rowGojekService(_gojekServiceList[position]);
        },
      ),
    ),
  ],
));
});
}

```

```

@override
Widget build(BuildContext context) {
  return new SafeArea(
    child: new Scaffold(
      appBar: new GojekAppBar(),
      backgroundColor: GojekPalette.grey,
      body: new Container(
        child: new ListView(
          physics: ClampingScrollPhysics(),

```

```

        children: <Widget>[
          new Container(
            padding: EdgeInsets.only(left: 16.0, right: 16.0, top: 16.0),
            color: Colors.white,
            child: new Column(
              children: <Widget>[
                _buildGopayMenu(),
                // method baru
                _buildGojekServicesMenu()
              ],
            ),
          ),
          new Container(
            color: Colors.white,
            margin: EdgeInsets.only(top: 16.0),
            child: new Column(
              children: <Widget>[
                _buildGoFoodFeatured(),
              ],
            ),
          ),
        ],
      ),
    ),
  ),
);
}

```

```

Widget _buildGopayMenu() {
  return new Container(
    height: 120.0,
    decoration: new BoxDecoration(
      gradient: LinearGradient(
        begin: Alignment.topCenter,
        end: Alignment.bottomCenter,
        colors: [const Color(0xff3164bd), const Color(0xff295cb5)],
      ),
      borderRadius: new BorderRadius.all(new Radius.circular(3.0)),
    ),
    child: new Column(
      children: <Widget>[
        new Container(
          padding: EdgeInsets.all(12.0),
          decoration: new BoxDecoration(
            gradient: LinearGradient(
              begin: Alignment.topCenter,
              end: Alignment.bottomCenter,

```

```

        colors: [const Color(0xff3164bd), const Color(0xff295cb5)],
    ),
    borderRadius: new BorderRadius.only(
        topLeft: new Radius.circular(3.0),
        topRight: new Radius.circular(3.0))),
    child: new Row(
        mainAxisAlignment: MainAxisAlignment.spaceBetween,
        children: <Widget>[
            new Text(
                "GOPAY",
                style: new TextStyle(
                    fontSize: 18.0,
                    color: Colors.white,
                    fontFamily: "NeoSansBold"),
            ),
            new Container(
                child: new Text(
                    "Rp. 120.000",
                    style: new TextStyle(
                        fontSize: 14.0,
                        color: Colors.white,
                        fontFamily: "NeoSansBold"),
                ),
            ),
        ],
    ),
),
new Container(
    padding: EdgeInsets.only(left: 32.0, right: 32.0, top: 12.0),
    child: new Row(
        mainAxisAlignment: MainAxisAlignment.spaceBetween,
        children: <Widget>[
            new Column(
                mainAxisAlignment: MainAxisAlignment.center,
                children: <Widget>[
                    new Image.asset(
                        "assets/icons/icon_transfer.png",
                        width: 32.0,
                        height: 32.0,
                    ),
                    new Padding(
                        padding: EdgeInsets.only(top: 10.0),
                    ),
                    new Text(
                        "Transfer",

```

```

        style: TextStyle(color: Colors.white, fontSize: 12.0),
    ),
],
),
new Column(
    mainAxisAlignment: MainAxisAlignment.center,
    children: <Widget>[
        new Image.asset(
            "assets/icons/icon_scan.png",
            width: 32.0,
            height: 32.0,
        ),
        new Padding(
            padding: EdgeInsets.only(top: 10.0),
        ),
        new Text(
            "Scan QR",
            style: TextStyle(color: Colors.white, fontSize: 12.0),
        )
    ],
),
new Column(
    mainAxisAlignment: MainAxisAlignment.center,
    children: <Widget>[
        new Image.asset(
            "assets/icons/icon_saldo.png",
            width: 32.0,
            height: 32.0,
        ),
        new Padding(
            padding: EdgeInsets.only(top: 10.0),
        ),
        new Text(
            "Isi Saldo",
            style: TextStyle(color: Colors.white, fontSize: 12.0),
        )
    ],
),
new Column(
    mainAxisAlignment: MainAxisAlignment.center,
    children: <Widget>[
        new Image.asset(
            "assets/icons/icon_menu.png",
            width: 32.0,
            height: 32.0,

```

```

    ),
    new Padding(
      padding: EdgeInsets.only(top: 10.0),
    ),
    new Text(
      "Lainnya",
      style: TextStyle(color: Colors.white, fontSize: 12.0),
    )
  ],
),
],
),
)
],
));
}

```

```

Widget _rowGojekService(GojekService gojekService) {
  return new Container(
    child: new Column(
      mainAxisAlignment: MainAxisAlignment.center,
      children: <Widget>[
        new GestureDetector(
          behavior: HitTestBehavior.opaque,
          onTap: () {
            showModalBottomSheet<void>(
              context: context,
              builder: (context) {
                return _buildMenuBottomSheet();
              }
            );
          },
        ),
        child: new Container(
          decoration: new BoxDecoration(
            border: Border.all(color: GojekPalette.grey200, width: 1.0),
            borderRadius:
              new BorderRadius.all(new Radius.circular(20.0)),
            padding: EdgeInsets.all(12.0),
            child: new Icon(
              gojekService.image,
              color: gojekService.color,
              size: 32.0,
            ),
          ),
        ),
      ],
    ),
    new Padding(

```

```

        padding: EdgeInsets.only(top: 6.0),
      ),
      new Text(gojekService.title, style: new TextStyle(fontSize: 10.0))
    ],
  ),
);
}

Widget _rowGoFoodFeatured(Food food) {
  return new Container(
    margin: EdgeInsets.only(right: 16.0),
    child: new Column(
      children: <Widget>[
        new ClipRRect(
          borderRadius: new BorderRadius.circular(8.0),
          child: new Image.asset(
            food.image,
            width: 132.0,
            height: 132.0,
          ),
        ),
        new Padding(
          padding: EdgeInsets.only(top: 8.0),
        ),
        new Text(
          food.title,
        ),
      ],
    ),
  );
}
}

```

landingpage_view.dart

```

import 'package:flutter/material.dart';
import 'package:gojekapp/constant.dart';
import 'package:gojekapp/beranda/beranda_view.dart';

class LandingPage extends StatefulWidget {
  @override
  _LandingPageState createState() => new _LandingPageState();
}

```

```

class _LandingPageState extends State<LandingPage> {
  int _bottomNavCurrentIndex = 0;
  List<Widget> _container = [
    new BerandaPage(),
  ];

  @override
  Widget build(BuildContext context) {
    return new Scaffold(
      body: _container[_bottomNavCurrentIndex],
      bottomNavigationBar: _buildBottomNavigation());
  }

  Widget _buildBottomNavigation() {
    return new BottomNavigationBar(
      type: BottomNavigationBarType.fixed,
      onTap: (index) {
        setState(() {
          _bottomNavCurrentIndex = index;
        });
      },
      currentIndex: _bottomNavCurrentIndex,
      items: [
        BottomNavigationBarItem(
          activeIcon: new Icon(
            Icons.home,
            color: GojekPalette.green,
          ),
          icon: new Icon(
            Icons.home,
            color: Colors.grey,
          ),
          label: 'Beranda',
        ),
        BottomNavigationBarItem(
          activeIcon: new Icon(
            Icons.assignment,
            color: GojekPalette.green,
          ),
          icon: new Icon(
            Icons.assignment,
            color: Colors.grey,
          ),
          label: 'Pesanan',
        ),
      ],
    );
  }
}

```

```

        BottomNavigationBarItem(
          activeIcon: new Icon(
            Icons.mail,
            color: GojekPalette.green,
          ),
          icon: new Icon(
            Icons.mail,
            color: Colors.grey,
          ),
          label: 'Inbox',
        ),
        BottomNavigationBarItem(
          activeIcon: new Icon(
            Icons.person,
            color: GojekPalette.green,
          ),
          icon: new Icon(
            Icons.person,
            color: Colors.grey,
          ),
          label: 'Akun',
        ),
      ],
    );
  }
}

```

launcher_view.dart

```

import 'package:flutter/material.dart';
import 'dart:async';
import '../landingpage/landingpage_view.dart';

class LauncherPage extends StatefulWidget {
  @override
  _LauncherPageState createState() => new _LauncherPageState();
}

class _LauncherPageState extends State<LauncherPage> {
  @override
  void initState() {
    super.initState();
    startLaunching();
  }
}

```



```
startLaunching() async {
  var duration = const Duration(seconds: 3);
  return new Timer(duration, () {
    Navigator.of(context).pushReplacement(new MaterialPageRoute(builder: (_) {
      return new LandingPage();
    }));
  });
}

@override
Widget build(BuildContext context) {
  return new Scaffold(
    body: new Center(
      child: new Image.asset(
        "assets/img/img_gojek_logo.png",
        height: 100.0,
        width: 200.0,
      ),
    ),
  );
}
```

GOPAY

Rp. 120.000



Transfer



Scan QR



Isi Saldo



Lainnya



GO-RIDE



GO-CAR



GO-BLUEBIRD



GO-FOOD



GO-SEND



GO-DEALS



GO-PULSA



LAINNYA

GO-FOOD

Pilihan Terlaris



Beranda



Pesanan



Inbox



Akun

GO-RIDE

GO-CAR

GO-BLUEBIRD

GO-FOOD



GO-SEND



GO-DEALS



GO-PULSA



LAINNYA

GO-FOOD

Pilihan Terlaris



Steak Andakar



Mie Ayam Tumini



Tengkleng H



Beranda



Pesanan



Inbox



Akun



1.781 poin

GOPAY

Rp. 120.000



Transfer



Scan QR



Isi Saldo



Lainnya



GO-RIDE



GO-CAR



GO-BLUEBIRD



GO-FOOD

GO-JEK Services

EDIT FAVORITES



GO-RIDE



GO-CAR



GO-BLUEBIRD



GO-FOOD



GO-SEND



GO-DEALS



GO-PULSA



LAINNYA



GO-SHOP



GO-MART



GO-TIX