

## TUGAS 4

### 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# versions available, run `flutter pub outdated`.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/grab.png
  - assets/images/grab_1.jpg
  - assets/images/grab_2.jpg
  - assets/images/grab_3.jpg
  - assets/images/grab_4.jpg
  - assets/images/grab_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.fromARGB(255, 30, 33, 233);
  static Color menuCar = Color.fromARGB(255, 20, 158, 38);
  static Color menuBluebird = Color.fromARGB(255, 11, 146, 205);
  static Color menuFood = Color.fromARGB(255, 227, 31, 129);
  static Color menuSend = Color.fromARGB(255, 193, 197, 62);
  static Color menuDeals = Color(0xffff43f24);
  static Color menuPulsa = Color.fromARGB(255, 114, 194, 210);
  static Color menuOther = Color(0xffa6a6a6);
  static Color menuShop = Color.fromARGB(255, 66, 11, 148);
  static Color menuMart = Color.fromARGB(255, 225, 227, 104);
  static Color menuTix = Color.fromARGB(255, 152, 232, 22);
}

```

#### 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/grab.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: "GRAB-RIDE"));
        _gojekServiceList.add(new GojekService(
            image: Icons.local_car_wash,
            color: GojekPalette.menuCar,
            title: "GRAB-CAR"));
        _gojekServiceList.add(new GojekService(
            image: Icons.directions_car,
            color: GojekPalette.menuBluebird,
            title: "GRAB-TAKSI"));
        _gojekServiceList.add(new GojekService(
            image: Icons.price_change,
            color: GojekPalette.menuDeals,
            title: "GRAB-DEALS"));
        _gojekServiceList.add(new GojekService(
            image: Icons.restaurant,
            color: GojekPalette.menuFood,
            title: "GRAB-FOOD"));
        _gojekServiceList.add(new GojekService(
            image: Icons.local_play, color: GojekPalette.menuTix, title: "GRAB-
TIX"));
        _gojekServiceList.add(new GojekService(
            image: Icons.shopping_basket,
            color: GojekPalette.menuShop,
            title: "GRAB-SHOP"));
        _gojekServiceList.add(new GojekService(
            image: Icons.apps, color: GojekPalette.menuOther, title: "LAINNYA"));
        _gojekServiceList.add(new GojekService(
            image: Icons.shopping_cart,
            color: GojekPalette.menuMart,
            title: "GRAB-MART"));

        /*Dibawah inisiasi Gojek Services*/
    }

    Future<List<Food>> fetchFood() async {
        List<Food> _goFoodFeaturedList = [];
        _goFoodFeaturedList.add(
            new Food(title: "Pahlawan Review", image: "assets/images/grab_1.jpg"));
        _goFoodFeaturedList.add(
            new Food(title: "Diskon Kilat", image: "assets/images/grab_2.jpg"));
        _goFoodFeaturedList.add(

```

```

        new Food(title: "Scan To Win", image: "assets/images/grab_3.jpg"));
    _goFoodFeaturedList.add(
        new Food(title: "Martabak Serbu", image: "assets/images/grab_4.jpg"));
    _goFoodFeaturedList.add(new Food(
        title: "NgeGRAB Food Banget", image: "assets/images/grab_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(
                    "BIG DEALS",
                    style: new TextStyle(fontFamily: "NeoSansBold"),
                ),
                new Padding(
                    padding: EdgeInsets.only(top: 8.0),
                ),
                new Text(
                    "Paling Laris",
                    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(

```





```

        _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: [Color.fromARGB(255, 49, 189, 119), Color.fromARGB(255, 41,
181, 88)],
      ),
    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: [Color.fromARGB(255, 49, 189, 119),
Color.fromARGB(255, 41, 181, 88)],
            ),
          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(
      "GRAB-PAY",
      style: new TextStyle(
        fontSize: 18.0,
        color: Colors.white,
        fontFamily: "NeoSansBold"),
    ),
    new Container(
      child: new Text(
        "Rp. 10.000",
        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: Colors.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/grab.png",  
                height: 100.0,  
                width: 200.0,  
            ),  
        ),  
    );  
}
```



1.781 poin

## GRAB-PAY

Rp. 10.000



Transfer



Scan QR



Isi Saldo



Lainnya



GRAB-RIDE



GRAB-CAR



GRAB-TAKSI



GRAB-DEALS



GRAB-FOOD



GRAB-TIX



GRAB-SHOP



LAINNYA

## BIG DEALS

Paling Laris



Beranda



Pesanan



Inbox



Akun



1.781 poin



Transfer



Scan QR



Isi Saldo



Lainnya



GRAB-RIDE



GRAB-CAR



GRAB-TAKSI



GRAB-DEALS



GRAB-FOOD



GRAB-TIX



GRAB-SHOP



LAINNYA

## BIG DEALS

### Paling Laris



Pahlawan Review



Diskon Kilat



Scan



Beranda



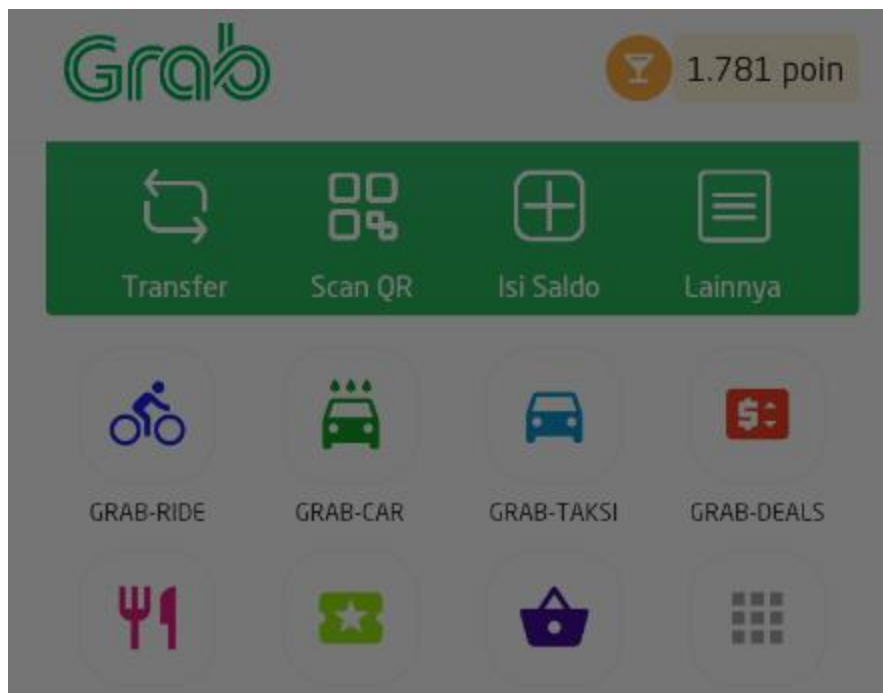
Pesanan



Inbox



Akun



## Layanan GRAB

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