**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# versions available, run `flutter pub outdated`.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(0xfff43f24);

  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(

                "Layanan GRAB",

                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: [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,

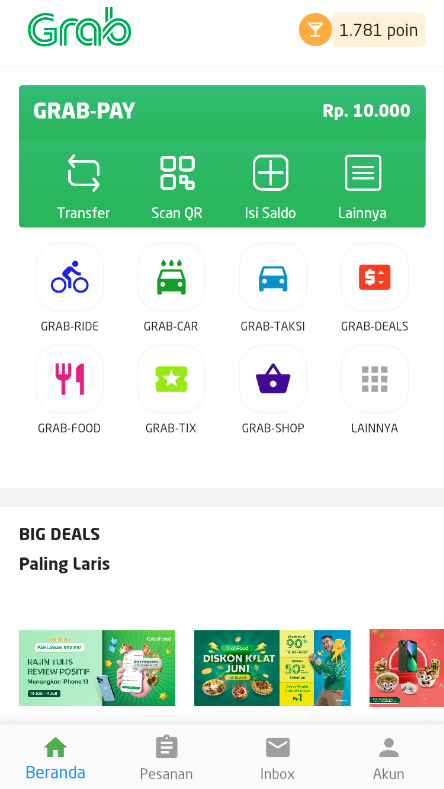
        ),

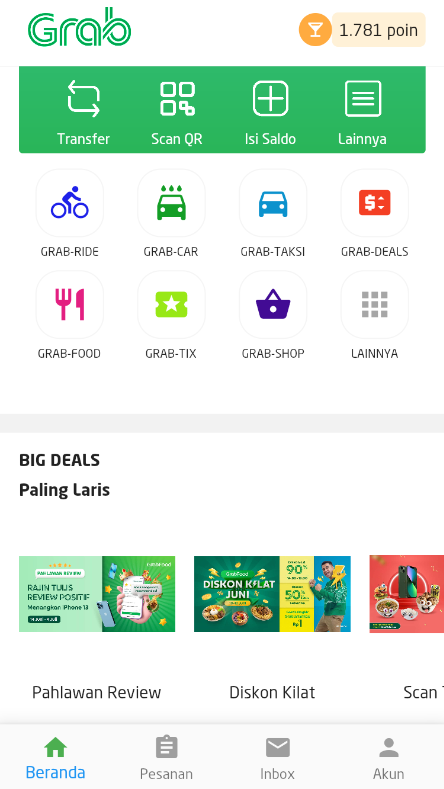
      ),

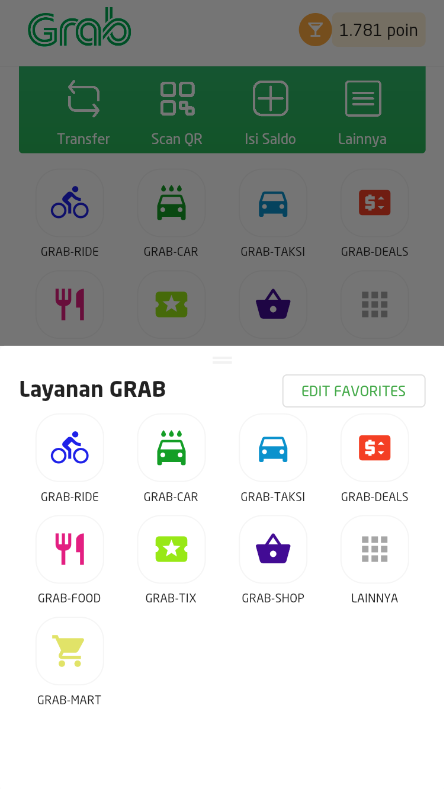
    );

  }

}

****

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****