

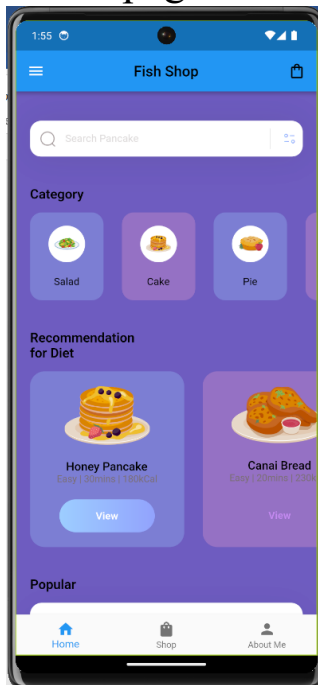
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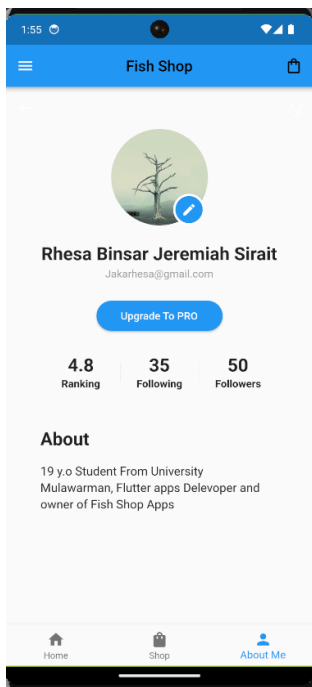
Ps : gambar nya blm ikan karena masih tahap memahami

## Posttest 6

### 1. Home page



### 2. About me



### 3. Source Code

- Home page

```
• import 'package:flutter/material.dart';
• import 'package:flutter_svg/flutter_svg.dart';
• import
  'package:posttest5_105_rhesa_simbolon/models/category_model.dart'
  ;
• import
  'package:posttest5_105_rhesa_simbolon/models/diet_model.dart';
• import
  'package:posttest5_105_rhesa_simbolon/models/popular_model.dart';
•
• // ignore: must_be_immutable
• class HomePage extends StatefulWidget {
•   HomePage({super.key});
•
•   @override
•   State<HomePage> createState() => _HomePageState();
• }
•
• class _HomePageState extends State<HomePage> {
•   bool selected = false;
•
•   List<CategoryModel> categories = [];
•
•   List<DietModel> diets = [];
•
•   List<PopularDietsModel> popularDiets = [];
•
•   void _getInitialInfo() {
•     categories = CategoryModel.getCategories();
•     diets = DietModel.getDietModels();
•     popularDiets = PopularDietsModel.getPopularDiets();
•   }
•
•   @override
•   Widget build(BuildContext context) {
•     _getInitialInfo();
•     return Scaffold(
•       backgroundColor: Color.fromARGB(255, 110, 92, 192),
•       body: ListView(
•         children: [
•           _searchField(),
•           const SizedBox(
•             height: 40,
•           ),
•           _categoriesSection(),
•           const SizedBox(
```

```

    height: 40,
  ),
  _dietSection(),
  const SizedBox(
    height: 40,
  ),
  Column(
    crossAxisAlignment: CrossAxisAlignment.start,
    children: [
      const Padding(
        padding: EdgeInsets.only(left: 20),
        child: Text(
          'Popular',
          style: TextStyle(
            color: Colors.black,
            fontSize: 18,
            fontWeight: FontWeight.w600),
        ),
      ),
      const SizedBox(
        height: 15,
      ),
      ListView.separated(
        itemCount: popularDiets.length,
        shrinkWrap: true,
        separatorBuilder: (context, index) => const
SizedBox(
    height: 25,
  ),
    padding: const EdgeInsets.only(left: 20, right:
20),
    itemBuilder: (context, index) {
      return Container(
        height: 100,
        child: Row(
          mainAxisAlignment:
MainAxisAlignment.spaceEvenly,
          children: [
            SvgPicture.asset(
              popularDiets[index].iconPath,
              width: 65,
              height: 65,
            ),
            Column(
              mainAxisAlignment:
MainAxisAlignment.center,
              crossAxisAlignment:
CrossAxisAlignment.start,

```

```

        children: [
          Text(
            popularDiets[index].name,
            style: const TextStyle(
              fontWeight: FontWeight.w500,
              color: Colors.black,
              fontSize: 16),
          ),
          Text(
            // popularDiets[index].level +
            // ' | ' +
            popularDiets[index].duration +
            ' | ' +
            popularDiets[index].calorie,
            style: const TextStyle(
              color: Color(0xff7B6F72),
              fontSize: 13,
              fontWeight: FontWeight.w400),
          ),
        ],
      ),
      GestureDetector(
        onTap: () {
          setState(() {
            selected = !selected;
          });
        },
        child: AnimatedContainer(
          width: selected ? 60.0 : 40.0,
          height: selected ? 60.0 : 40.0,
          padding: EdgeInsets.only(top: 5),
          alignment: selected
            ? Alignment.center
            : AlignmentDirectional.topCenter,
          duration: const Duration(seconds: 2),
          curve: Curves.fastOutSlowIn,
          decoration: BoxDecoration(
            color: selected ? Colors.white :
Colors.white,

            shape: BoxShape.circle),
          child: SvgPicture.asset(
            'assets/icons/button.svg',
            width: 30,
            height: 30,
          ),
        ),
      ),
    ],
  ],

```

```

    ),
    decoration: BoxDecoration(
      color: popularDiets[index].boxIsSelected
        ? Colors.white
        : Colors.transparent,
      borderRadius: BorderRadius.circular(16),
      boxShadow:
popularDiets[index].boxIsSelected
        ? [
          BoxShadow(
            color: const
Color(0xff1D1617)
              .withOpacity(0.07),
            offset: const Offset(0, 10),
            blurRadius: 40,
            spreadRadius: 0)
        ]
        : []),
  );
},
)
],
),
const SizedBox(
  height: 40,
),
],
),
);
}

Column _dietSection() {
  return Column(
    crossAxisAlignment: CrossAxisAlignment.start,
    children: [
      const Padding(
        padding: EdgeInsets.only(left: 20),
        child: Text(
          'Recommendation\nfor Diet',
          style: TextStyle(
            color: Colors.black, fontSize: 18, fontWeight:
FontWeight.w600),
        ),
      ),
      const SizedBox(
        height: 15,
      ),
      Container(

```

```

height: 240,
child: ListView.separated(
  itemBuilder: (context, index) {
    return Container(
      width: 210,
      decoration: BoxDecoration(
        color:
diets[index].boxColor.withOpacity(0.3),
        borderRadius: BorderRadius.circular(20)),
      child: Column(
        mainAxisAlignment:
MainAxisAlignment.spaceEvenly,
        children: [
          SvgPicture.asset(diets[index].iconPath),
          Column(
            children: [
              Text(
                diets[index].name,
                style: const TextStyle(
                  fontWeight: FontWeight.w500,
                  color: Colors.black,
                  fontSize: 16),
              ),
              Text(
                diets[index].level +
                  ' | ' +
                diets[index].duration +
                  ' | ' +
                diets[index].calorie,
                style: const TextStyle(
                  color: Color(0xff7B6F72),
                  fontSize: 13,
                  fontWeight: FontWeight.w400),
              ),
            ],
          ),
        ],
      ),
    ),
  ),
  Container(
    height: 45,
    width: 130,
    child: Center(
      child: Text(
        'View',
        style: TextStyle(
          color: diets[index].viewIsSelected
            ? Colors.white
            : const Color(0xffC58BF2),
          fontWeight: FontWeight.w600,
          fontSize: 14),
      ),
    ),
  ),
),
)

```

```

    ),
    ),
    decoration: BoxDecoration(
      gradient: LinearGradient(colors: [
        diets[index].viewIsSelected
          ? const Color(0xff9DCEFF)
          : Colors.transparent,
        diets[index].viewIsSelected
          ? const Color(0xff92A3FD)
          : Colors.transparent
      ]),
      borderRadius:
BorderRadius.circular(50)),
    )
  ],
),
);
},
separatorBuilder: (context, index) => const SizedBox(
  width: 25,
),
itemCount: diets.length,
scrollDirection: Axis.horizontal,
padding: const EdgeInsets.only(left: 20, right: 20),
),
),
],
);
}

Column _categoriesSection() {
  return Column(
    crossAxisAlignment: CrossAxisAlignment.start,
    children: [
      const Padding(
        padding: EdgeInsets.only(left: 20),
        child: Text(
          'Category',
          style: TextStyle(
            color: Colors.black, fontSize: 18, fontWeight:
FontWeight.w600),
        ),
      ),
      const SizedBox(
        height: 15,
      ),
      Container(
        height: 120,

```

```

•         child: ListView.separated(
•             itemCount: categories.length,
•             scrollDirection: Axis.horizontal,
•             padding: const EdgeInsets.only(left: 20, right: 20),
•             separatorBuilder: (context, index) => const SizedBox(
•                 width: 25,
•             ),
•             itemBuilder: (context, index) {
•                 return Container(
•                     width: 100,
•                     decoration: BoxDecoration(
•                         color:
categories[index].boxColor.withOpacity(0.3),
•                         borderRadius: BorderRadius.circular(16)),
•                     child: Column(
•                         mainAxisAlignment:
MainAxisAlignment.spaceEvenly,
•                         children: [
•                             Container(
•                                 width: 50,
•                                 height: 50,
•                                 decoration: const BoxDecoration(
•                                     color: Colors.white, shape:
BoxShape.circle),
•                                 child: Padding(
•                                     padding: const EdgeInsets.all(8.0),
•                                     child:
SvgPicture.asset(categories[index].iconPath),
•                                 ),
•                             ),
•                             Text(
•                                 categories[index].name,
•                                 style: const TextStyle(
•                                     fontWeight: FontWeight.w400,
•                                     color: Colors.black,
•                                     fontSize: 14),
•                             )
•                         ],
•                     ),
•                 );
•             },
•         ),
•     ),
•     Container _searchField() {

```



```

•   return Container(
•     margin: const EdgeInsets.only(top: 40, left: 20, right:
20),
•     decoration: BoxDecoration(boxShadow: [
•       BoxShadow(
•         color: const Color(0xff1D1617).withOpacity(0.11),
•         blurRadius: 40,
•         spreadRadius: 0.0)
•     ]),
•     child: TextField(
•       decoration: InputDecoration(
•         filled: true,
•         fillColor: Colors.white,
•         contentPadding: const EdgeInsets.all(15),
•         hintText: 'Search Pancake',
•         hintStyle: const TextStyle(color: Color(0xffDDDADA),
fontSize: 14),
•         prefixIcon: Padding(
•           padding: const EdgeInsets.all(12),
•           child: SvgPicture.asset('assets/icons/Search.svg'),
•         ),
•         suffixIcon: Container(
•           width: 100,
•           child: IntrinsicHeight(
•             child: Row(
•               mainAxisAlignment: MainAxisAlignment.end,
•               children: [
•                 const VerticalDivider(
•                   color: Colors.black,
•                   indent: 10,
•                   endIndent: 10,
•                   thickness: 0.1,
•                 ),
•                 Padding(
•                   padding: const EdgeInsets.all(8.0),
•                   child:
SvgPicture.asset('assets/icons/Filter.svg'),
•                 ),
•               ],
•             ),
•           ),
•         ),
•         border: OutlineInputBorder(
•           borderRadius: BorderRadius.circular(15),
•           borderSide: BorderSide.none)),
•     ),
•   );
• }

```

```

•
•   AppBar appBar() {
•       return AppBar(
•           title: const Text(
•               'Breakfast',
•               style: TextStyle(
•                   color: Colors.black, fontSize: 18, fontWeight:
FontWeight.bold),
•           ),
•           backgroundColor: Colors.white,
•           elevation: 0.0,
•           centerTitle: true,
•           leading: GestureDetector(
•               onTap: () {},
•               child: Container(
•                   margin: const EdgeInsets.all(10),
•                   alignment: Alignment.center,
•                   child: SvgPicture.asset(
•                       'assets/icons/Arrow - Left 2.svg',
•                       height: 20,
•                       width: 20,
•                   ),
•                   decoration: BoxDecoration(
•                       color: const Color(0xffF7F8F8),
•                       borderRadius: BorderRadius.circular(10)),
•               ),
•           ),
•           actions: [
•               GestureDetector(
•                   onTap: () {},
•                   child: Container(
•                       margin: const EdgeInsets.all(10),
•                       alignment: Alignment.center,
•                       width: 37,
•                       child: SvgPicture.asset(
•                           'assets/icons/dots.svg',
•                           height: 5,
•                           width: 5,
•                       ),
•                       decoration: BoxDecoration(
•                           color: const Color(0xffF7F8F8),
•                           borderRadius: BorderRadius.circular(10)),
•                   ),
•               ),
•           ],
•       );
•   }
• }

```

- About me

```
import 'package:flutter/cupertino.dart';
import 'package:flutter/material.dart';
import 'package:posttest5_105_rhesa_simbolon/models/user.dart';
import 'package:posttest5_105_rhesa_simbolon/utils/user_preferences.dart';
import 'package:posttest5_105_rhesa_simbolon/widget/appbar_widget.dart';
import 'package:posttest5_105_rhesa_simbolon/widget/button_widget.dart';
import 'package:posttest5_105_rhesa_simbolon/widget/numbers_widget.dart';
import 'package:posttest5_105_rhesa_simbolon/widget/profile_widget.dart';

class ProfilePage extends StatefulWidget {
  @override
  _ProfilePageState createState() => _ProfilePageState();
}

class _ProfilePageState extends State<ProfilePage> {
  @override
  Widget build(BuildContext context) {
    final user = UserPreferences.myUser;

    return Scaffold(
      appBar: buildAppBar(context),
      body: ListView(
        physics: BouncingScrollPhysics(),
        children: [
          ProfileWidget(
            imagePath: user.imagePath,
            onClicked: () async {},
          ),
          const SizedBox(height: 24),
          buildName(user),
          const SizedBox(height: 24),
          Center(child: buildUpgradeButton()),
          const SizedBox(height: 24),
          NumbersWidget(),
          const SizedBox(height: 48),
          buildAbout(user),
        ],
      ),
    );
  }

  Widget buildName(User user) => Column(
```

```

        children: [
          Text(
            user.name,
            style: TextStyle(fontWeight: FontWeight.bold, fontSize: 24),
          ),
          const SizedBox(height: 4),
          Text(
            user.email,
            style: TextStyle(color: Colors.grey),
          ),
        ],
      );

Widget buildUpgradeButton() => ButtonWidget(
  text: 'Upgrade To PRO',
  onClicked: () {},
);

Widget buildAbout(User user) => Container(
  padding: EdgeInsets.symmetric(horizontal: 48),
  child: Column(
    crossAxisAlignment: CrossAxisAlignment.start,
    children: [
      Text(
        'About',
        style: TextStyle(fontSize: 24, fontWeight: FontWeight.bold),
      ),
      const SizedBox(height: 16),
      Text(
        user.about,
        style: TextStyle(fontSize: 16, height: 1.4),
      ),
    ],
  ),
);
}

```