

Screenshoot soal prioritas

Nomor 1

Bukalah tugas kalian ([12. Soal Assets. Dialog Bottomsheet. Navigation](#))

Nomor 2

Tambahkan & Implementasikan penggunaan provider pada aplikasi tersebut.

Add provider to dependencies

```
dependencies:  
  flutter:  
    sdk: flutter  
  intl: ^0.17.0 # Tambahkan ini  
  # The following adds the Cupertino Icons font to your application.  
  # Use with the CupertinoIcons class for iOS style icons.  
  cupertino_icons: ^1.0.2  
  flutter_colorpicker: ^1.0.3  
  open_file: ^3.2.1  
  file_picker: ^5.5.0  
  provider: ^6.1.1
```

Import provider

```
import 'package:flutter/material.dart';  
import 'package:flutter_colorpicker/flutter_colorpicker.dart';  
import 'package:intl/intl.dart';  
import 'package:open_file/open_file.dart';  
import 'package:file_picker/file_picker.dart';  
import 'package:provider/provider.dart';
```

Contact_provider.dart

```
class ContactProvider with ChangeNotifier {  
  List<Map<String, String>> _dataKontak = [];  
  List<Map<String, String>> get dataKontak => _dataKontak;  
  
  void addContact(Map<String, String> newContact) {  
    _dataKontak.add(newContact);  
    notifyListeners();  
  }  
  
  void removeContact(int index) {  
    _dataKontak.removeAt(index);  
    notifyListeners();  
  }  
  
  void updateContact(int index, Map<String, String> updatedContact) {  
    _dataKontak[index] = updatedContact;  
    notifyListeners();  
  }  
}
```

Contact.dart

```
SizeBox(  
  height: 200,  
  child: Consumer<ContactProvider>(  
    builder: (context, contactProvider, child) {  
      return ListView.builder(  
        itemCount: contactProvider.dataKontak.length,  
        itemBuilder: (BuildContext context, int index) {  
          String title = contactProvider.dataKontak[index]["title"] ??  
            "Nama Tidak Tersedia";  
          String subtitle = contactProvider.dataKontak[index]  
            ["subtitle"] ??  
            "Nomor Tidak Tersedia";  
          String initial = title.isNotEmpty ? title[0] : "?";  
          String date = contactProvider.dataKontak[index]["date"] ??  
            "Tanggal Tidak Tersedia";  
          String color = contactProvider.dataKontak[index]["color"] ??  
            "Color Tidak Tersedia";  
          String fileName = contactProvider.dataKontak[index]  
            ["fileName"] ??
```

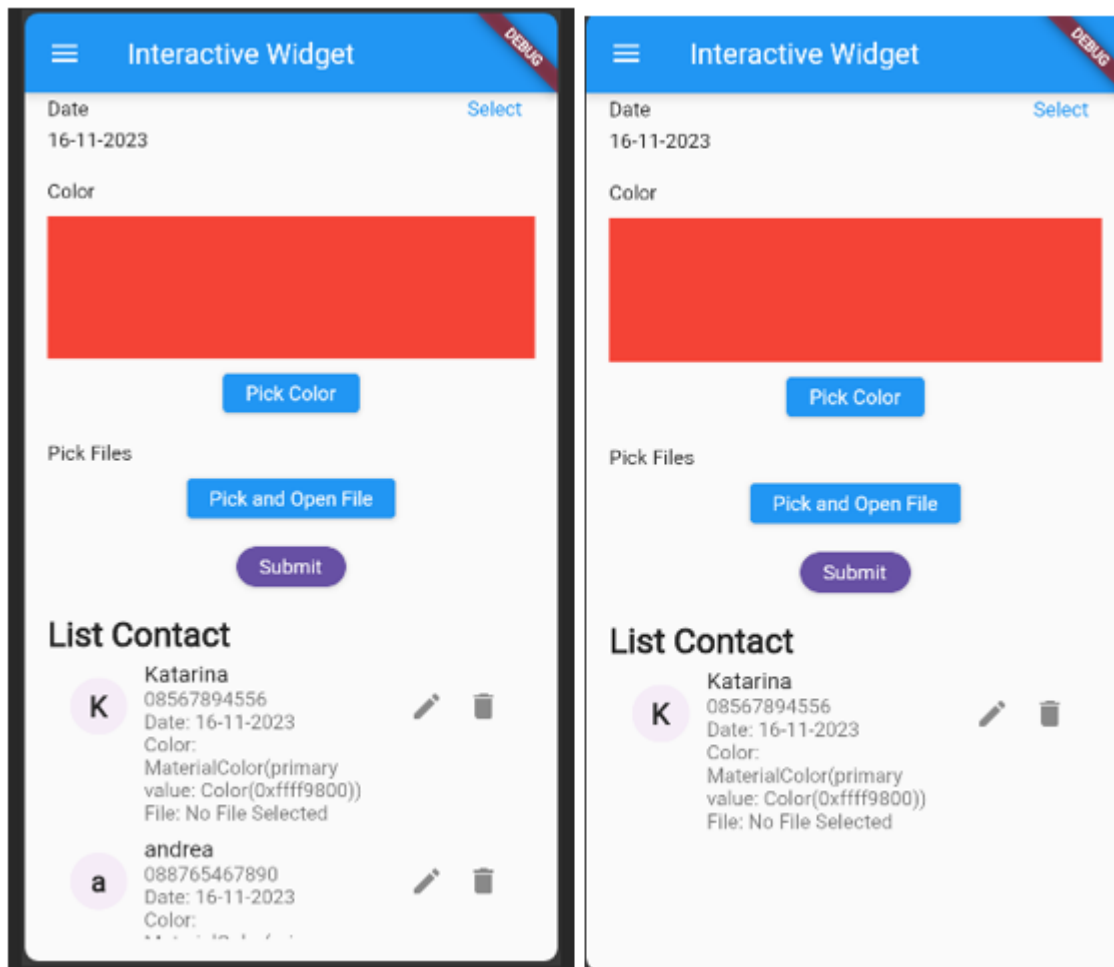
Main.dart

```
import 'package:challenge/ui/screen/contacts.dart';  
import 'package:flutter/material.dart';  
import 'package:provider/provider.dart';  
  
Run | Debug | Profile  
void main() {  
  runApp(  
    ChangeNotifierProvider(  
      create: (context) => ContactProvider(),  
      child: MaterialApp(  
        home: DatePickerAndColorPicker(),  
      ), // MaterialApp  
    ), // ChangeNotifierProvider  
  );  
}
```

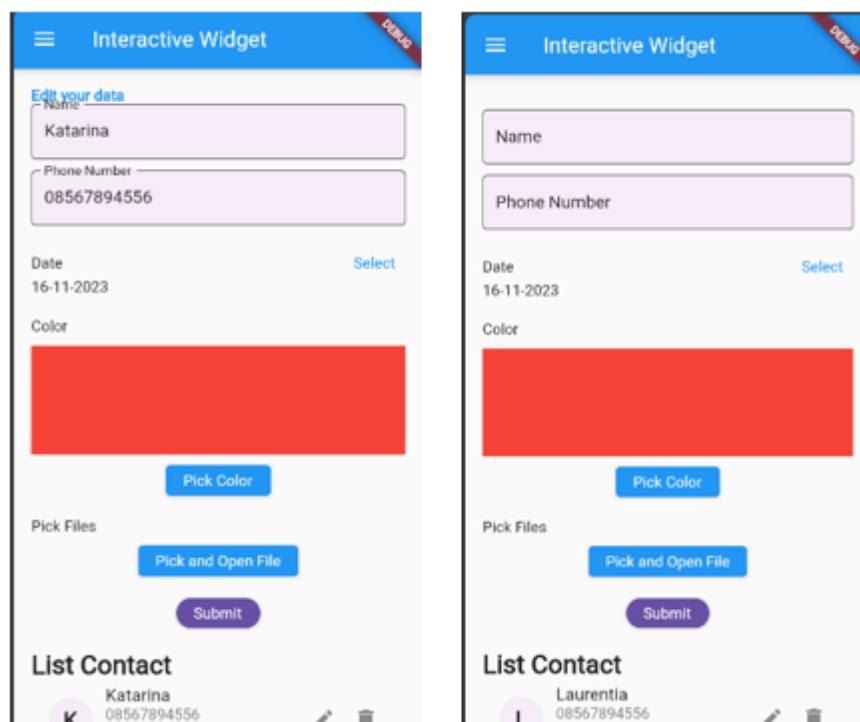
Nomor 3a

Buatlah setiap data dan form yang ada dapat berfungsi. Contohnya :
pada tugas2 sebelumnya terdapat sebuah halaman yang bernama list contact, disana terdapat
button edit dan delete, maka buatlah button itu berfungsi.

Fungsional Button Delete



Fungsional Button Edit



Nomor 3b

Selain itu, terdapat form nama dan nomor telepon. Buatlah form tersebut dapat memasukkan data ke dalam list contact.

