

## Soal Prioritas 1 (80)

1. Bukalah tugas ([12. Soal Assets, Dialog Bottomsheet, Navigation](#) )
  2. Tambahkan fitur login dengan input username dan password kemudian simpan pada shared preferences. tampilkan username pada halaman Contacts.
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1. Menambahkan fitur login pada tugas aplikasi contacs, dibawah ini merupakan hasil akhir dan code nya yang berupa format GIF bergerak atau bisa dilihat di folder scrensnot dan praktikum.



```

1 //import 'package:advance_form/model.dart/data.dart';
2 import 'package:advance_form/src/prioritas/home_page.dart';
3 import 'package:advance_form/src/prioritas/update_delete_page.dart';
4 import 'package:flutter/material.dart';
5 import 'package:shared_preferences/shared_preferences.dart';
6 import 'package:email_validator/email_validator.dart';
7
8 class LoginPage extends StatefulWidget {
9   const LoginPage({super.key});
10
11   @override
12   State<LoginPage> createState() => _LoginPageState();
13 }
14
15 class _LoginPageState extends State<LoginPage> {
16   final usernameController = TextEditingController();
17   final emailController = TextEditingController();
18   final passwordController = TextEditingController();
19   final formKey = GlobalKey<FormState>();
20
21   late SharedPreferences loginData;
22   late bool newUser;
23
24   @override
25   void initState() {
26     super.initState();
27     checkLogin();
28   }
29
30   void checkLogin() async {
31     loginData = await SharedPreferences.getInstance();
32     newUser = loginData.getBool('login') ?? true;
33
34     if (newUser == false) {
35       Navigator.pushAndRemoveUntil(
36         context,
37         MaterialPageRoute(
38           builder: (context) => const UpdateDeletePage(),
39         ),
40         (route) => false);
41     }
42   }
43
44   @override
45   void dispose() {
46     usernameController.dispose();
47     emailController.dispose();
48     passwordController.dispose();
49     super.dispose();
50   }
51
52   @override
53   Widget build(BuildContext context) {
54     return Scaffold(
55       appBar: AppBar(
56         title: const Text('Login Page'),
57       ),
58       body: Container(
59         margin: const EdgeInsets.only(left: 10, right: 10),
60         child: Form(
61           autovalidateMode: AutovalidateMode.onUserInteraction,
62           key: formKey,
63           child: ListView(
64             children: [
65               Row(
66                 children: const [
67                   Text('Username'),
68                 ],
69               ),
70               TextFormField(
71                 controller: usernameController,
72                 decoration: const InputDecoration(
73                   border: OutlineInputBorder(),
74                 ),
75                 validator: (value) {
76                   if (value != null && value.length < 4) {
77                     return 'Enter at least 4 characters';
78                   } else {
79                     return null;
80                   }
81                 },
82               ),
83               SizedBox(height: 10),
84               Row(
85                 children: const [
86                   Text('Email'),
87                 ],
88               ),
89               TextFormField(
90                 controller: emailController,
91                 decoration: const InputDecoration(
92                   border: OutlineInputBorder(),
93                 ),
94                 validator: (email) {
95                   if (email != null && !EmailValidator.validate(email)) {
96                     return 'Enter a Email valid';
97                   } else {
98                     return null;
99                   }
100               },
101             ],
102             const SizedBox(height: 15),
103             Row(
104               children: const [
105                 Text('Password'),
106               ],
107             ),
108             TextFormField(
109               controller: passwordController,
110               decoration: const InputDecoration(
111                 border: OutlineInputBorder(),
112               ),
113               validator: (value) {
114                 if (value != null && value.length < 5) {
115                   return 'Enter min. 5 Characters';
116                 } else {
117                   return null;
118                 }
119               },
120             ),
121             const SizedBox(height: 10),
122             ElevatedButton(
123               style: ElevatedButton.styleFrom(
124                 minimumSize: const Size(100, 50),
125                 shape: RoundedRectangleBorder(
126                   borderRadius: BorderRadius.circular(5),
127                 ),
128               ),
129               onPressed: () {
130                 final isValidForm = formKey.currentState!.validate();
131                 String username = usernameController.text;
132                 if (isValidForm) {
133                   loginData.setBool('login', false);
134                   Navigator.pushAndRemoveUntil(
135                     context,
136                     MaterialPageRoute(
137                       builder: (context) => const UpdateDeletePage(),
138                     ),
139                     (route) => false);
140                 }
141                 //final username = usernameController.text;
142                 //final password = passwordController.text;
143                 child: const Text('Login'),
144               ],
145             ),
146           ],
147         ),
148       ),
149     );
150   }
151 }
152
153 }
154
155 }

```