

Projeto Bimestral

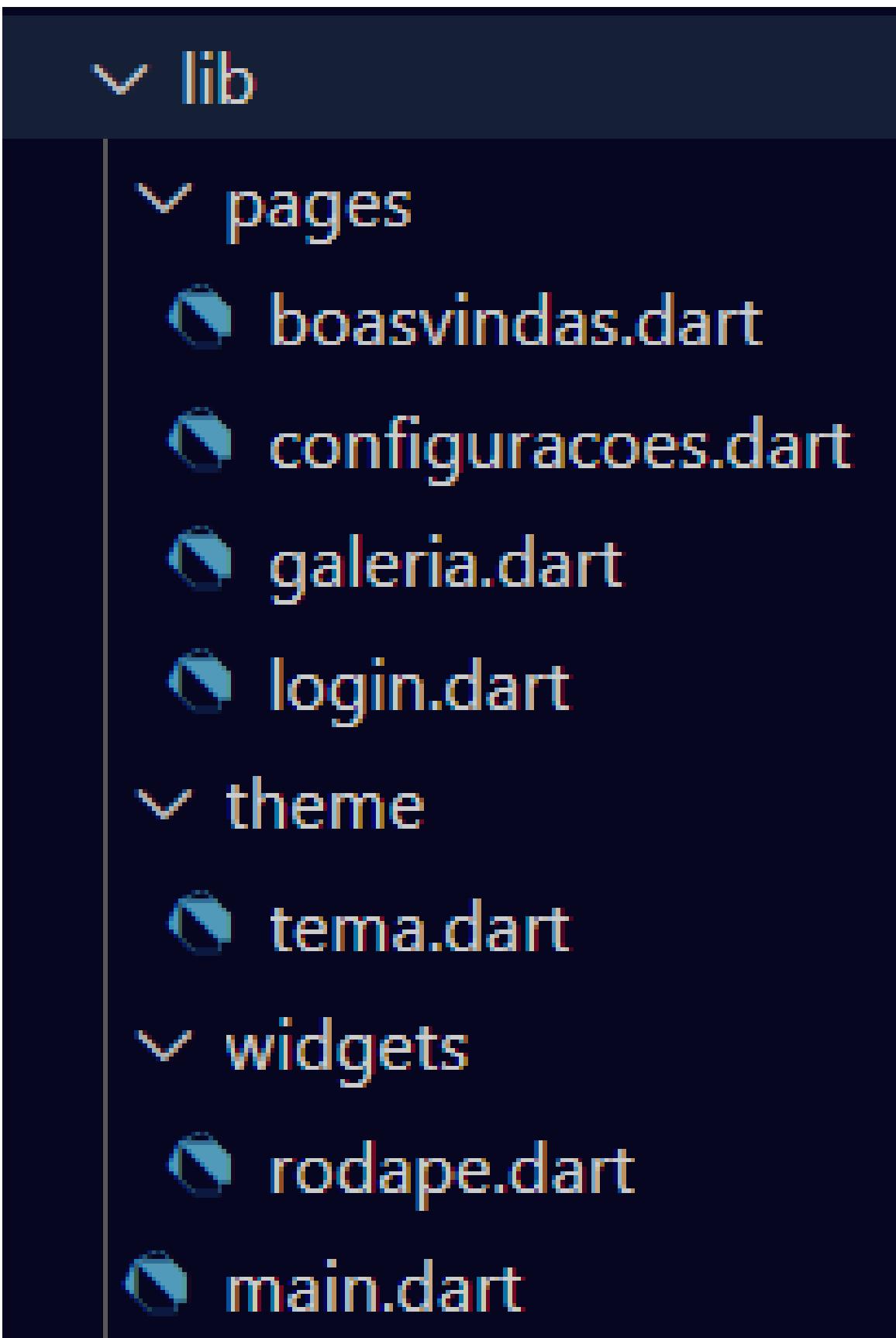
Desenvolvimento para dispositivos móveis

Tema: Art Journal

Membros do grupo:
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Estrutura de Pastas



The image shows a file explorer window with a dark theme. The root folder is 'lib'. Inside 'lib' are three main subfolders: 'pages', 'theme', and 'widgets'. The 'pages' folder contains four files: 'boasvindas.dart', 'configuracoes.dart', 'galeria.dart', and 'login.dart'. The 'theme' folder contains one file: 'tema.dart'. The 'widgets' folder contains two files: 'rodape.dart' and 'main.dart'. Each file is represented by a small blue circular icon.

```
lib
  └── pages
      ├── boasvindas.dart
      ├── configuracoes.dart
      ├── galeria.dart
      └── login.dart
  └── theme
      └── tema.dart
  └── widgets
      ├── rodape.dart
      └── main.dart
```

RC1

Main

```
lib > main.dart > MyApp
  1 import 'package:flutter/material.dart';
  2 import 'package:projeto/pages/configuracoes.dart';
  3 import 'pages/galeria.dart';
  4 import 'pages/login.dart';
  5 import 'pages/boasvindas.dart';
  6 import 'theme/tema.dart';
  7
  8 void main() {
  9   runApp(const MyApp());
 10 }
 11
 12 class MyApp extends StatelessWidget {
 13   const MyApp({super.key});
 14
 15   @override
 16   Widget build(BuildContext context) {
 17     return MaterialApp(
 18       theme: appTheme,
 19       title: 'App Art Jousrnal',
 20       initialRoute: '/',
 21       routes: {
 22         '/': (context) => const BoasVindasPage(),
 23         '/login': (context) => const LoginFormScreen(),
 24         '/galeria': (context) => const GaleriaPage(),
 25         '/configuracoes': (context) => ConfiguracoesPage()
 26       },
 27     ); // MaterialApp
 28   }
 29 }
```

login

RC2

RC4

RC5

```
lib > pages > login.dart > _LoginFormScreenState > build
  1 import 'package:flutter/material.dart';
  2
  3 class _LoginFormScreen extends StatefulWidget {
  4   const _LoginFormScreen({super.key});
  5
  6   @override
  7   State<_LoginFormScreen> createState() => _LoginFormScreenState();
  8 }
  9
 10 class _LoginFormScreenState extends State<_LoginFormScreen> {
 11   final _formKey = GlobalKey<FormState>();
 12
 13   @override
 14   Widget build(BuildContext context) {
 15     final screenWidth = MediaQuery.of(context).size.width;
 16
 17     return Scaffold(
 18       appBar: AppBar(),
 19       body: SingleChildScrollView(
 20         padding: const EdgeInsets.all(16.0),
 21         child: Center(
 22           child: ConstrainedBox(
 23             constraints: BoxConstraints(
 24               maxWidth: screenWidth > 600 ? 500 : double.infinity,
 25             ), // BoxConstraints
 26             child: Form(
 27               key: _formKey,
 28               child: Column(
 29                 children: <Widget>[
 30                   const SizedBox(height: 16),
 31                   const Text(
 32                     'Entrar com',
 33                     style: TextStyle(fontsize: 16),
 34                   ), // Text
 35                   const SizedBox(height: 12),
 36                   Row(
 37                     mainAxisAlignment: MainAxisAlignment.spaceEvenly,
 38                     children: [
 39                       IconButton(
 40                         icon: const Icon(Icons.facebook, color: Colors.blue,
 41                         onPressed: () {
 42
 43                         },
 44                     ), // IconButton
 45                     IconButton(
 46                         icon: const Icon(Icons.globe, color: Colors.red,
 47                         onPressed: () {
 48
 49                         },
 50                     ), // IconButton
 51                     IconButton(
 52                         icon: const Icon(Icons.apple, color: Colors.black,
 53                         onPressed: () {
 54
 55                         },
 56                     ), // IconButton
 57                   ],
 58                 ), // Row
 59
 60                 const SizedBox(height: 32),
 61                 Row(
 62                   children: const [
 63                     Expanded(child: Divider()),
 64                     Padding(
 65                       padding: EdgeInsets.symmetric(horizontal: 8.0),
 66                       child: Text('ou'),
 67                       style: TextStyle(color: Color(0xFF595959), fontsize:
 68                         ), // Padding
 69                   ],
 70                 ),
 71               ],
 72             ),
 73           ],
 74         ),
 75       ),
 76     );
 77   }
 78 }
```

Galeria

RC5

Tela 4

Tela 5

Tela 6

```
lib > pages > galeria.dart > GaleriaPage > build
1 import 'package:flutter/material.dart';
2 import '../widgets/rodape.dart';
3
4 class GaleriaPage extends StatelessWidget {
5   const GaleriaPage({super.key});
6
7   @override
8   Widget build(BuildContext context) {
9     final screenWidth = MediaQuery.of(context).size.width;
10
11   final List<String> imagens = [
12     'https://picsum.photos/id/237/200/200',
13     'https://picsum.photos/id/238/200/200',
14     'https://picsum.photos/id/239/200/200',
15     'https://picsum.photos/id/240/200/200',
16     'https://picsum.photos/id/241/200/200',
17     'https://picsum.photos/id/242/200/200',
18     'https://picsum.photos/id/1015/400/400',
19     'https://picsum.photos/id/1016/400/300',
20     'https://picsum.photos/id/1018/400/250',
21     'https://picsum.photos/id/1020/400/350',
22   ];
23
24   return Scaffold(
25     appBar: AppBar(title: const Text('Galeria')),
26     body: Center(
27       child: ConstrainedBox(
28         constraints: BoxConstraints(
29           maxWidth: screenWidth > 600 ? 500 : double.infinity,
30         ), // BoxConstraints
31         child: Padding(
32           padding: const EdgeInsets.all(16.0),
33           child: GridView.count(
34             crossAxisCount: 2,
35             crossAxisSpacing: 16,
36             mainAxisSpacing: 16,
37             children: imagens.map((url) =>
```

```
38               return GestureDetector(
39                 onTap: () {
40                   showDialog(
41                     context: context,
42                     builder: (_) => Dialog(
43                       backgroundColor: Colors.transparent,
44                       child: GestureDetector(
45                         onTap: () {
46                           Navigator.of(context).pop();
47                         },
48                         child: InteractiveViewer(
49                           child: Container(
50                             decoration: BoxDecoration(
51                               borderRadius: BorderRadius.circular(16),
52                               image: DecorationImage(
53                                 image: NetworkImage(url),
54                                 fit: BoxFit.contain,
55                               ), // DecorationImage
56                               ), // BoxDecoration
57                               ), // Container
58                               ), // InteractiveViewer
59                               ), // GestureDetector
60                               ), // Dialog
61                               );
62               },
63               child: Container(
64                 decoration: BoxDecoration(
65                   borderRadius: BorderRadius.circular(12),
66                   image: DecorationImage(
67                     image: NetworkImage(url),
68                     fit: BoxFit.cover,
69                   ), // DecorationImage
70                   ), // BoxDecoration
71               ), // Container
72             ), // Container
73             ), // GestureDetector
74             ).toList(),
75             ), // GridView.count
76             ), // Padding
77             ), // ConstrainedBox
78             ), // Center
79             bottomNavigationBar: const CustomFooter(),
80           ); // Scaffold
81         }
82       );
83     );
84   );
85 }
```

Configurações

Tela 2

```
37     switchListTile(
38       title: const Text('Notificações'),
39       value: notificacoesAtivadas,
40       onChanged: (bool valor) {
41         setState(() {
42           notificacoesAtivadas = valor;
43         });
44       },
45       secondary: const Icon(Icons.notifications),
46     ), // SwitchListTile
47     const Divider(),
48     const ListTile(
49       title: Text('Sobre'),
50       subtitle: Text('Versão 1.0.0'),
51       Leading: Icon(Icons.info),
52     ), // ListTile
53   ],
54 ), // ListView
55 bottomNavigationBar: const CustomFooter(),
56 ); // Scaffold
57 }
```

```
lib > pages > configuracoes.dart > ...
1   import 'package:flutter/material.dart';
2   import '../widgets/rodape.dart';
3
4   class ConfiguracoesPage extends StatefulWidget {
5     const ConfiguracoesPage({super.key});
6
7     @override
8     State<ConfiguracoesPage> createState() => _ConfiguracoesPageState();
9   }
10
11  class _ConfiguracoesPageState extends State<ConfiguracoesPage> {
12    bool modoEscuro = false;
13    bool notificacoesAtivadas = true;
14
15    @override
16    Widget build(BuildContext context) {
17      return Scaffold(
18        appBar: AppBar(title: const Text('Configurações')),
19        body: ListView(
20          children: [
21            const ListTile(
22              title: Text('Conta'),
23              subtitle: Text('Gerencie sua conta'),
24              leading: Icon(Icons.person),
25              trailing: Icon(Icons.arrow_forward_ios),
26            ), // ListTile
27            SwitchListTile(
28              title: const Text('Modo escuro'),
29              value: modoEscuro,
30              onChanged: (bool valor) {
31                setState(() {
32                  modoEscuro = valor;
33                });
34              },
35              secondary: const Icon(Icons.dark_mode),
36            ), // SwitchListTile
37            SwitchListTile(
38              title: const Text('Notificações'),
39              value: notificacoesAtivadas,
40              onChanged: (bool valor) {
41                setState(() {
42                  notificacoesAtivadas = valor;
43                });
44              },
45              secondary: const Icon(Icons.notifications),
46            ), // SwitchListTile
47          ],
48        ),
49      );
50    }
51  }
52}
```

Boas vindas

Tela 1

```
lib > pages > boasvindas.dart > BoasVindasPage > build
1 import 'package:flutter/material.dart';
2
3 class BoasVindasPage extends StatelessWidget {
4   const BoasVindasPage({super.key});
5
6   @override
7   Widget build(BuildContext context) {
8     return Scaffold(
9       backgroundColor: Colors.orange,
10      body: Center(
11        child: Padding(
12          padding: const EdgeInsets.all(24.0),
13          child: Column(
14            mainAxisAlignment: MainAxisAlignment.center,
15            children: [
16              const Icon(
17                Icons.book,
18                size: 100,
19                color: Colors.brown,
20              ), // Icon
21              const SizedBox(height: 24),
22              const Text(
23                'Bem-vindo ao Art Journal',
24                style: TextStyle(
25                  fontSize: 26,
26                  fontWeight: FontWeight.bold,
27                  color: Colors.white,
28                ), // TextStyle
29                textAlign: TextAlign.center,
30              ), // Text
31              const SizedBox(height: 16),
32
33              const SizedBox(height: 40),
34              ElevatedButton(
35                style: ElevatedButton.styleFrom(
36                  backgroundColor: Colors.white,
37                  padding: const EdgeInsets.symmetric(horizontal: 32, vertical: 16),
38                ),
39                onPressed: () {
40                  Navigator.pushNamed(context, '/login');
41                },
42                child: const Text(
43                  'Entrar',
44                  style: TextStyle(fontSize: 18, color: Colors.black),
45                ), // Text
46              ), // ElevatedButton
47            ],
48          ), // Column
49        ), // Padding
50      ), // Center
51    ); // Scaffold
52  }
53}
```

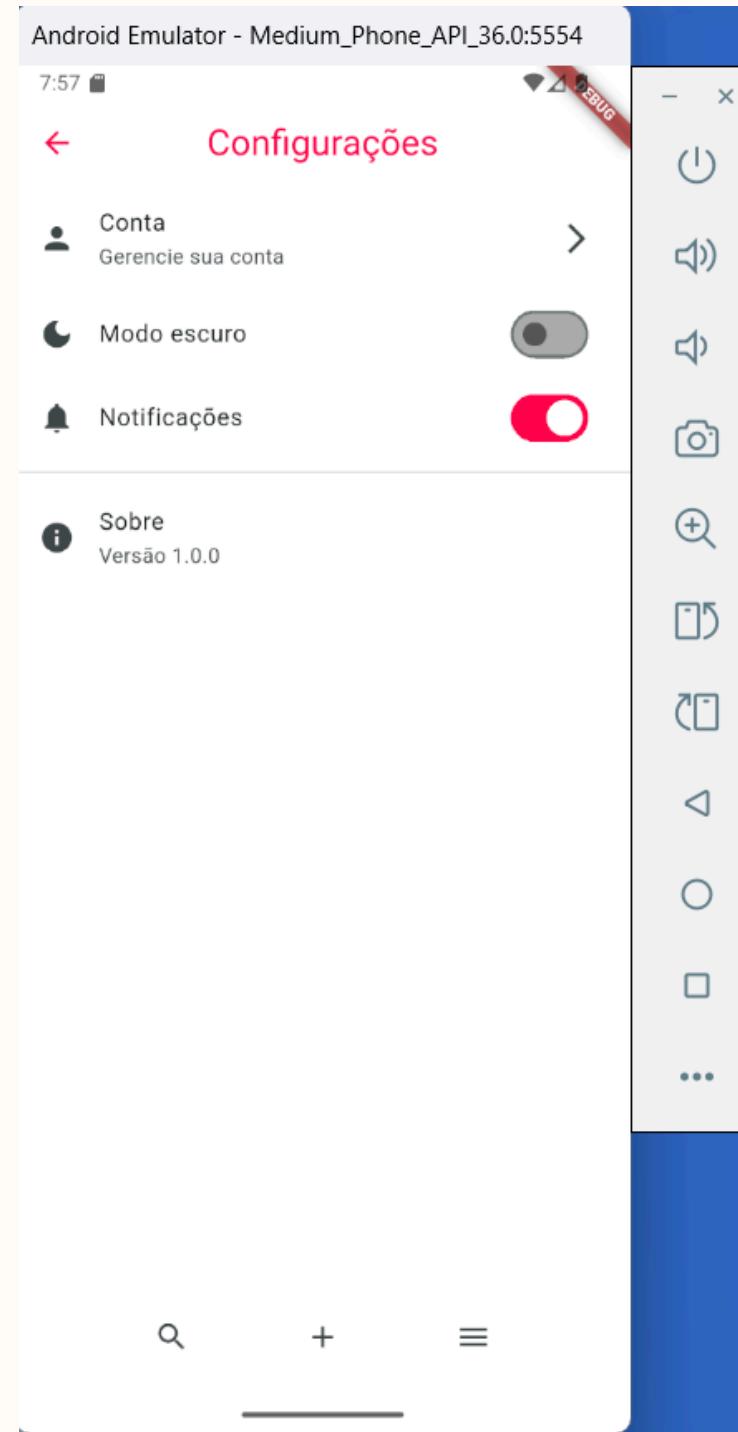
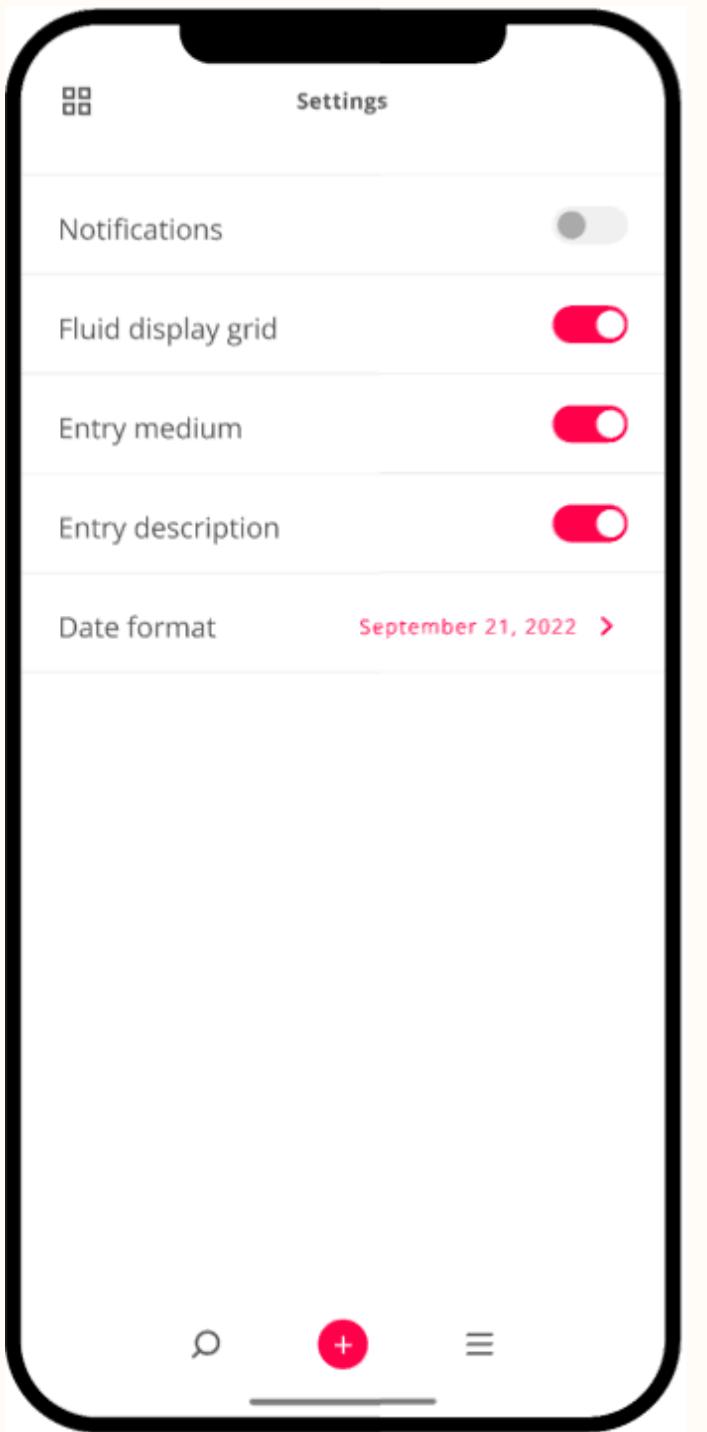
```
      shape: RoundedRectangleBorder(
        borderRadius: BorderRadius.circular(12),
      ), // RoundedRectangleBorder
    ),
    onPressed: () {
      Navigator.pushNamed(context, '/login');
    },
    child: const Text(
      'Entrar',
      style: TextStyle(fontSize: 18, color: Colors.black),
    ), // Text
  ), // ElevatedButton
],
), // Column
), // Padding
), // Center
); // Scaffold
}
```

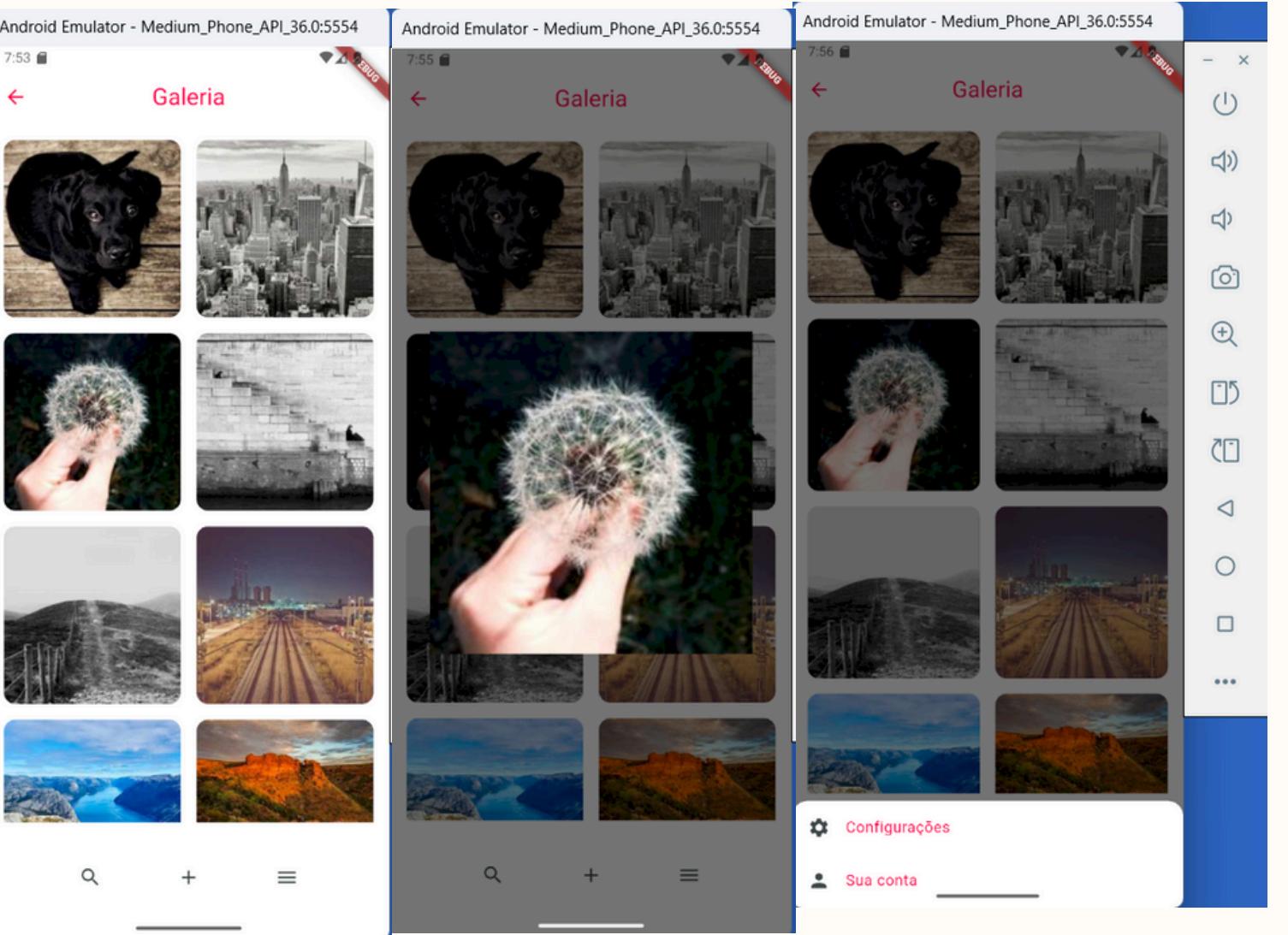
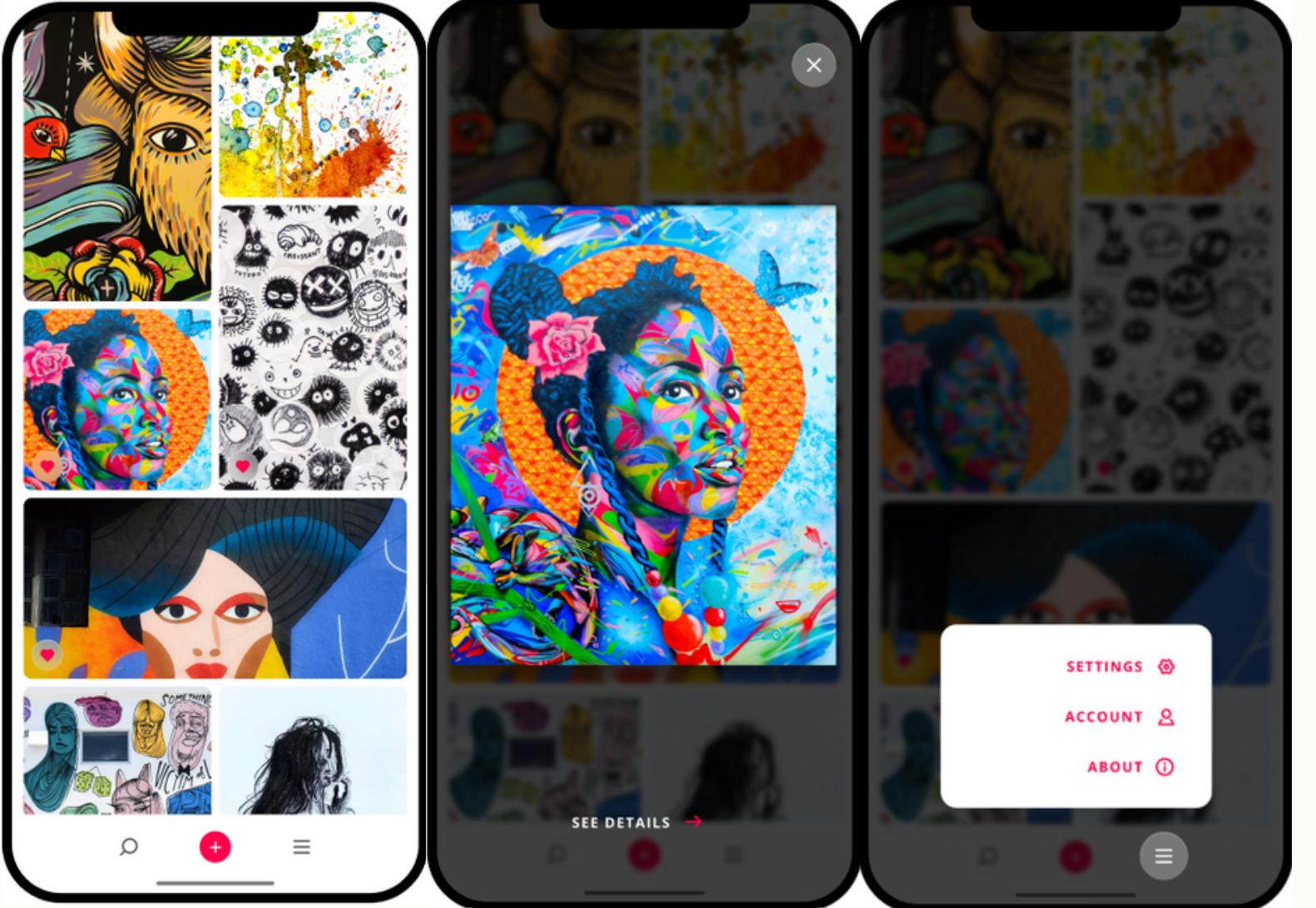

Tema

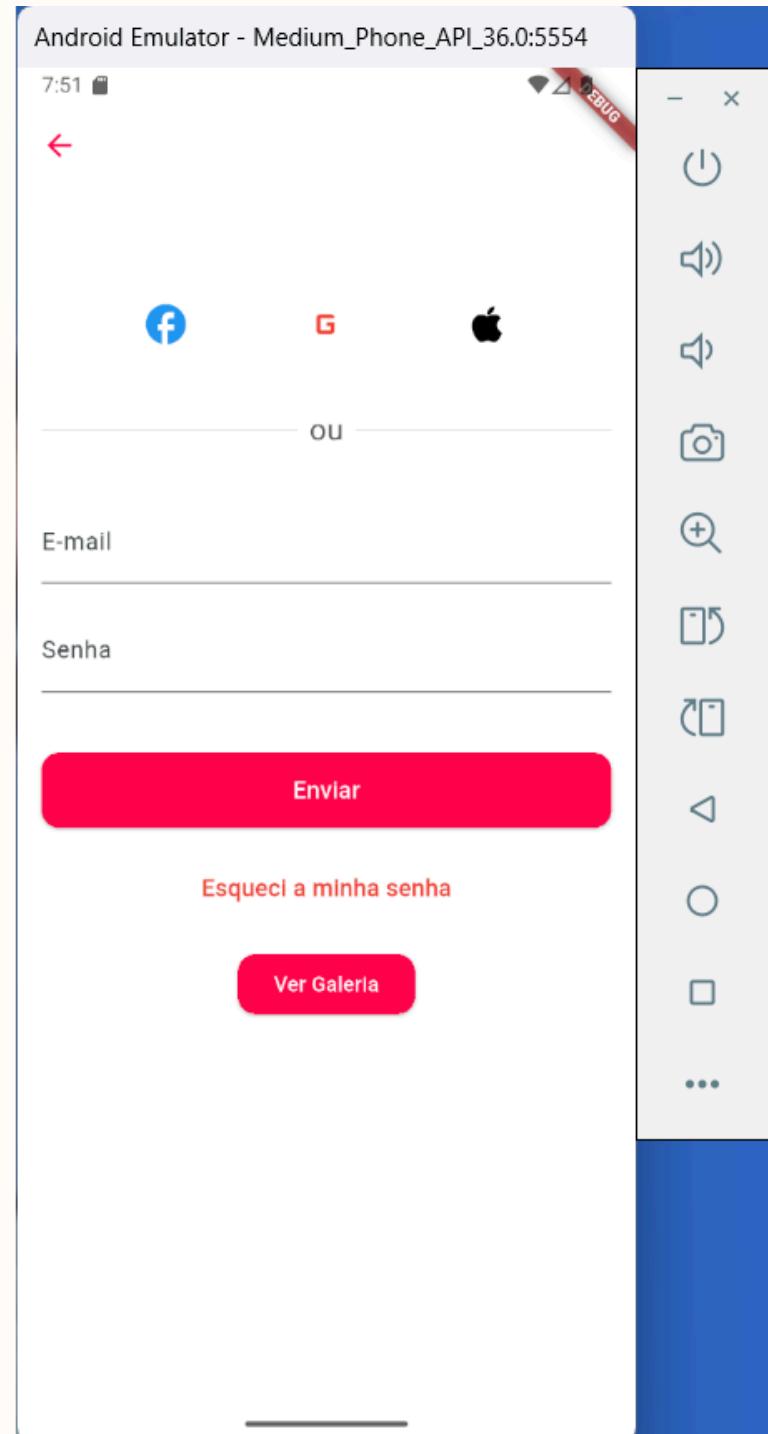
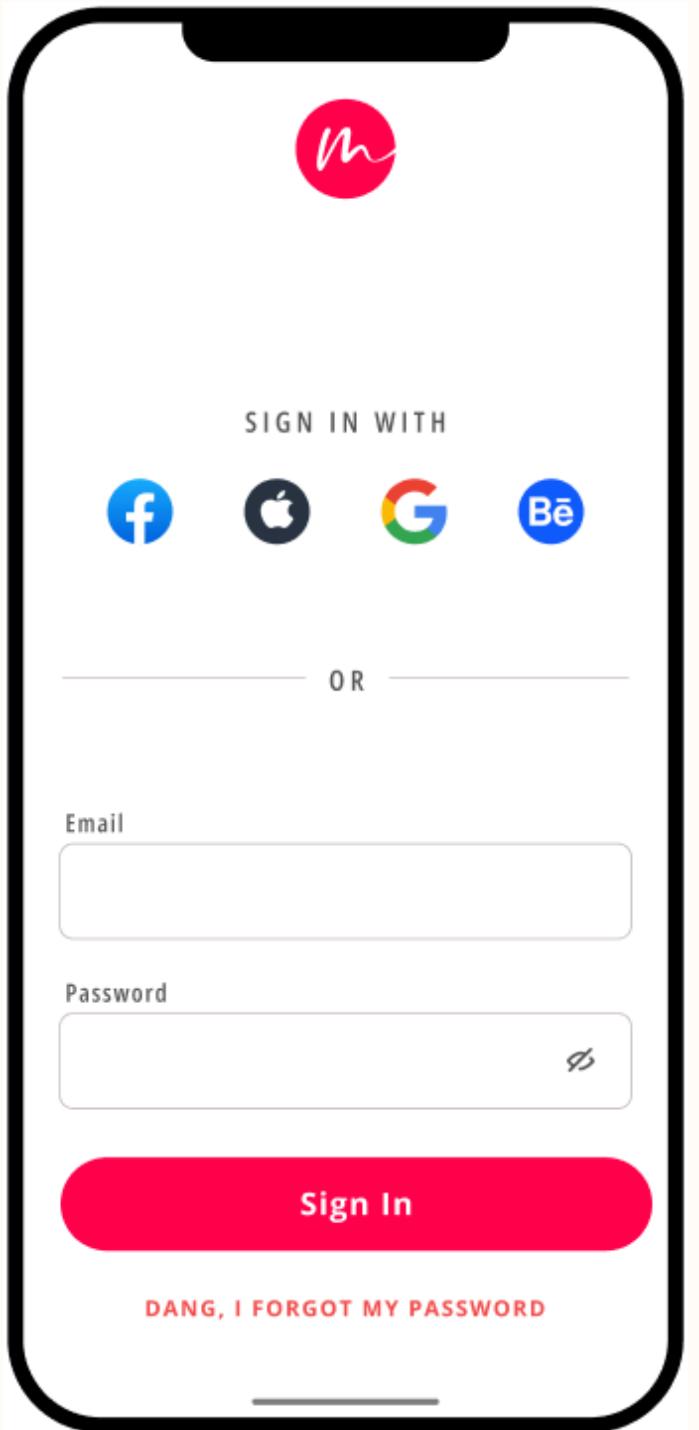
```
lib > theme > tema.dart > ...
3   final ThemeData appTheme = ThemeData(
4     colorScheme: ColorScheme.fromSeed(seedColor: Colors.white),
5     useMaterial3: true,
6     appBarTheme: const AppBarTheme(
7       backgroundColor: Colors.white,
8       foregroundColor: Color(0xFFFF004D),
9       centerTitle: true,
10    ), // AppBarTheme
11    textTheme: const TextTheme(
12      bodyMedium: TextStyle(color: Colors.white),
13      titleLarge: TextStyle(color: Colors.white, fontSize: 24),
14    ), // TextTheme
15    elevatedButtonTheme: ElevatedButtonThemeData(
16      style: ElevatedButton.styleFrom(
17        backgroundColor: Color(0xFFFF004D),
18        foregroundColor: Colors.white,
19        shape: RoundedRectangleBorder(
20          borderRadius: BorderRadius.circular(12),
21        ), // RoundedRectangleBorder
22      ),
23    ), // ElevatedButtonThemeData
24    switchTheme: SwitchThemeData(
25      thumbColor: MaterialStateProperty.resolveWith<Color?>((states) {
26        if (states.contains(MaterialState.selected)) {
27          return Colors.white;
28        }
29        return Color(0xFF595959);
30      }),
31      trackColor: MaterialStateProperty.resolveWith<Color?>((states) {
32        if (states.contains(MaterialState.selected)) {
33          return Color(0xFFFF004D);
34        }
35        return Color(0xffACACAC);
36      }),
37    ), // SwitchThemeData
38  ); // ThemeData
```

RC6

Aplicação









Ferramentas utilizadas:

Visual Studio Code
Android Studio
Chat Gpt





Obrigado pela
atenção