

LAPORAN TUGAS BESAR MOBILE APPLICATION DEVELOPMENT
SEMESTER GENAP 2021/2022

“E-COOKING”



Disusun Oleh:

F1E120003	Jihan Rahman
F1E120005	Rifqiyah Ramadani
F1E120007	Muhammad Firly ramadhan

PROGRAM STUDI SISTEM INFORMASI
FAKULTAS SAINS DAN TEKNOLOGI
UNIVERSITAS JAMBI

2022

I. PENDAHULUAN

1.1 Latar Belakang

Pada era sekarang ini banyak orang yang memiliki hobi memasak. Banyak juga media yang dapat digunakan untuk menyalurkan hobi tersebut salah satunya adalah dengan membaca buku yang berisi resep makanan, menonton acara televisi memasak, mencari situs-situs memasak dan juga mengikuti kursus memasak yang ada. Namun cara tersebut lumayan merepotkan, sejalan dengan kemajuan teknologi yang semakin berkembang, kini hal-hal tersebut telah dapat dilakukan secara mobile. Android menyediakan platform terbuka bagi para pengembang buat menciptakan aplikasi mereka sendiri untuk digunakan oleh bermacam peranti bergerak. Android juga memiliki berbagai keunggulan sebagai software yang memakai basis kode komputer yang bisa didistribusikan secara terbuka (open source) sehingga pengguna bisa membuat aplikasi baru di dalamnya. Untuk itu, kami melakukan perancangan aplikasi resep makanan berbasis Android (E-Cooking).

1.2 Rumusan Masalah

Berdasarkan latar belakang yang sudah tertera diatas, maka dapat dirumuskan masalah yaitu bagaimana menganalisa dan merancang aplikasi E-Cooking yang memiliki berbagai resep makanan berbasis Android.

1.3 Tujuan Pembuatan Aplikasi

Tujuan dari pembuatan aplikasi ini adalah untuk mempermudah semua orang terutama yang memiliki hobi memasak atau bagi yang baru belajar memasak, aplikasi ini juga dapat menjadi panduan dalam memasak secara mudah dan praktis.

II. Rancangan Aplikasi

2.1 Spesifikasi Fungsional Aplikasi

Fitur beserta fungsi dari aplikasi E-Cooking adalah sebagai berikut:

- a. Melihat daftar resep makanan, alat dan bahan, serta cara memasak

Fitur ini berfungsi untuk pengguna yang ingin melihat resep-resep makanan. Selain itu, pengguna juga bisa mempelajari cara memasak dengan alat dan bahan yang sudah ditentukan.
- b. Melakukan pencarian

Fitur ini berfungsi agar pengguna lebih mudah melakukan pencarian resep makanan.
- c. Melihat rekomendasi resep makanan

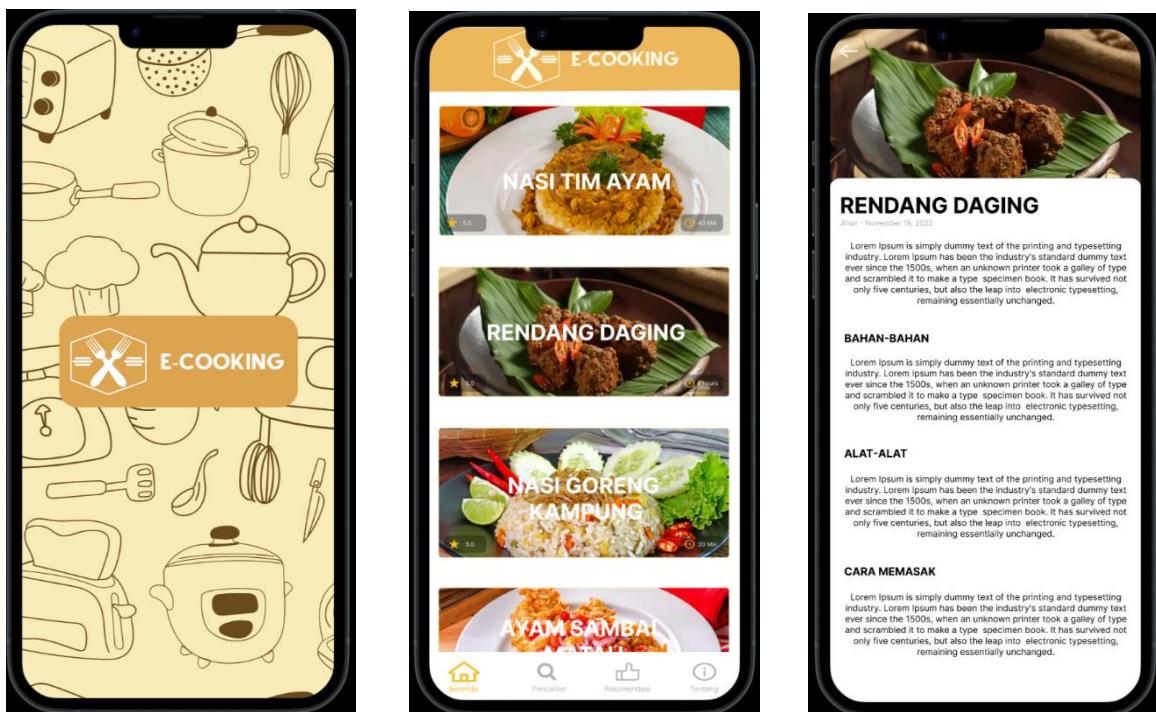
Fitur ini berfungsi agar pengguna bisa melihat rekomendasi masakan berdasarkan rating dari admin.
- d. Melihat informasi aplikasi

Fitur ini berfungsi agar pengguna bisa mengetahui sedikit informasi mengenai aplikasi ini.

2.2 Rancangan User Interface

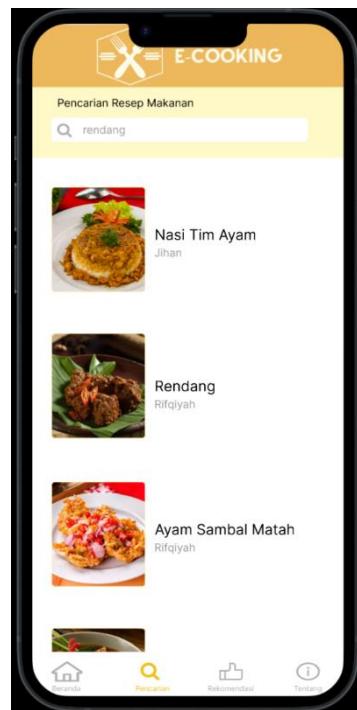
a. Menu Dashboard

Pada menu dashboard akan ditampilkan daftar resep makanan beserta masing-masing deskripsinya. Selain itu ditampilkan juga alat, bahan, serta cara memasak nya.



b. Search/Pencarian

Pada menu pencarian, pengguna bisa melakukan pencarian resep makanan dengan menginputkan nama makanan.



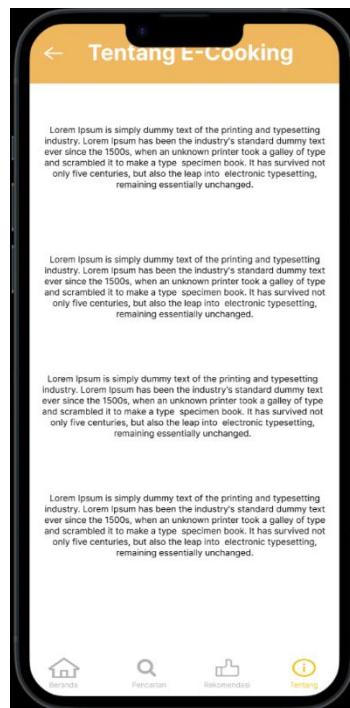
c. Rekomendasi

Pada menu rekomendasi akan ditampilkan berbagai macam makanan berdasarkan rating atau nilai dari admin.



d. Tentang

Pada menu tentang akan ditampilkan informasi mengenai aplikasi dari E-Cooking.

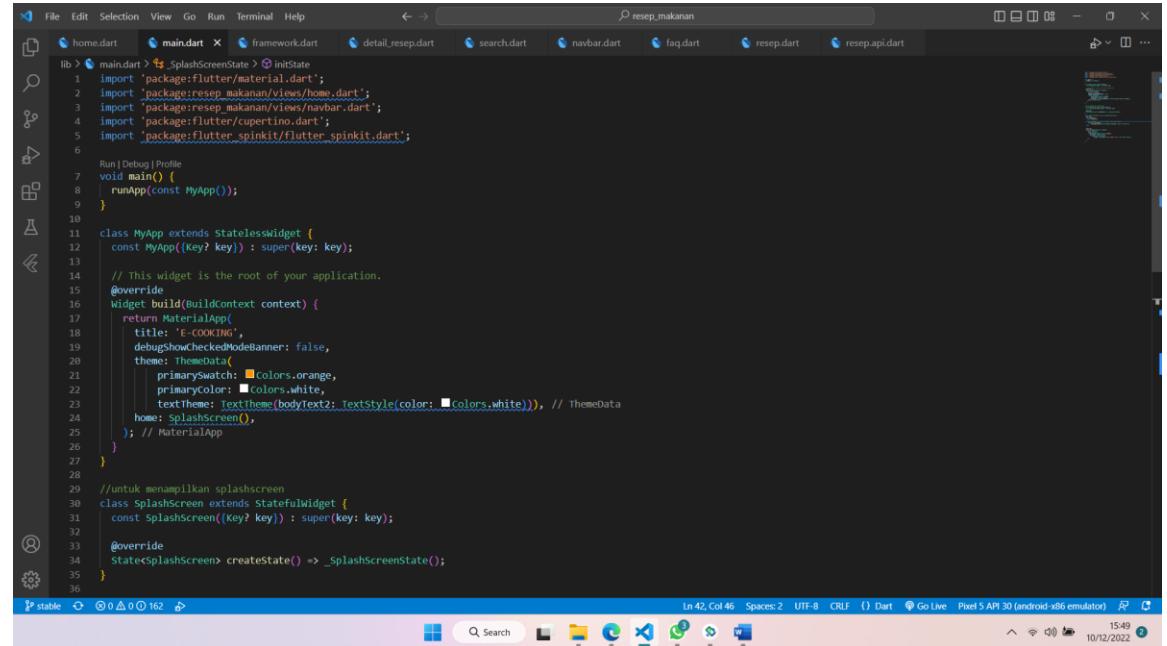


2.3 Rancangan database

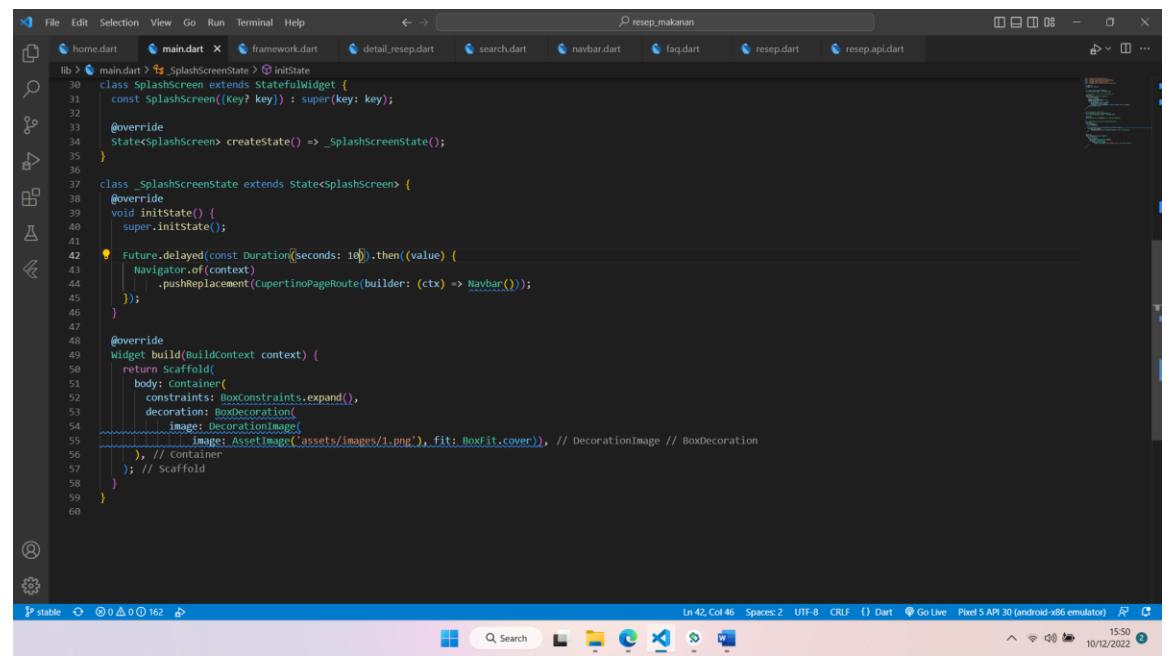
Pada aplikasi E-Cooking ini menggunakan API, yang mana tidak memerlukan database untuk menyimpan data.

2.4 Snipped Code

- Main

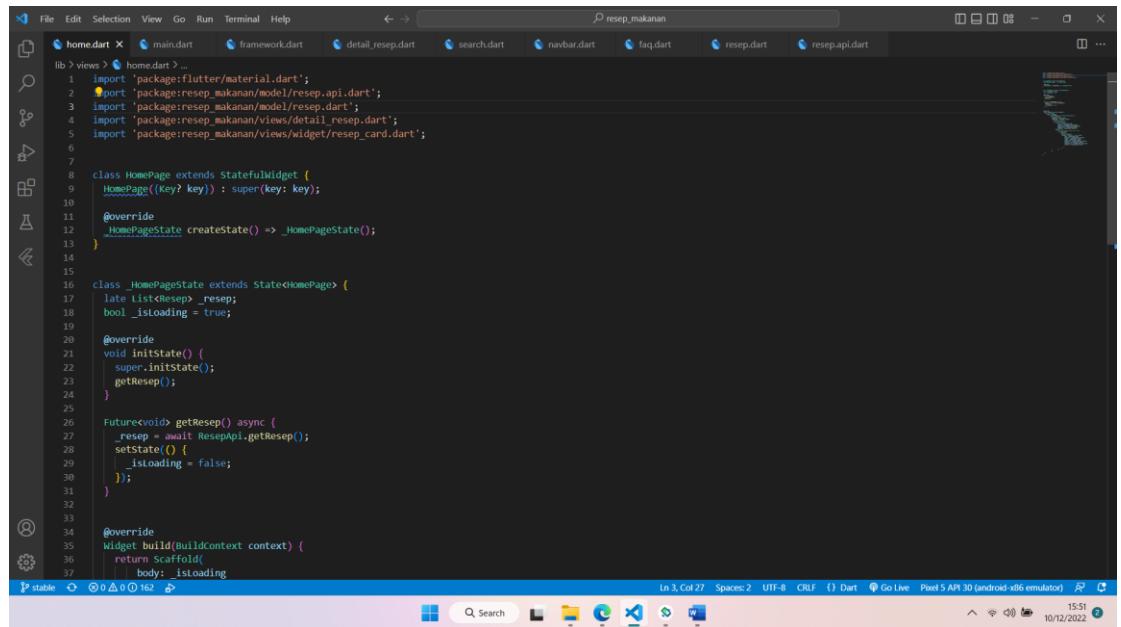


```
lib > main.dart > SplashScreenState > initState
1 import 'package:flutter/material.dart';
2 import 'package:resep_makanan/views/home.dart';
3 import 'package:resep_makanan/views/navbar.dart';
4 import 'package:flutter/cupertino.dart';
5 import 'package:flutter_spinkit/flutter_spinkit.dart';
6
Run | Debug | Profile
7 void main() {
8     runApp(const MyApp());
9 }
10
11 class MyApp extends StatelessWidget {
12     const MyApp({Key? key}) : super(key: key);
13
14     // This widget is the root of your application.
15     @override
16     Widget build(BuildContext context) {
17         return MaterialApp(
18             title: 'E-COOKING',
19             debugShowCheckedModeBanner: false,
20             theme: ThemeData(
21                 primarySwatch: Colors.orange,
22                 primaryColor: Colors.white,
23                 textTheme: TextTheme(bodyText2: TextStyle(color: Colors.white)), // ThemeData
24                 home: SplashScreen(),
25             ); // MaterialApp
26     }
27 }
28
//untuk menampilkan splashscreen
29 class SplashScreen extends StatefulWidget {
30     const SplashScreen({Key? key}) : super(key: key);
31
32     @override
33     State<SplashScreen> createState() => _SplashScreenState();
34 }
35 }
```



```
lib > main.dart > SplashScreenState > initState
30 class SplashScreen extends StatefulWidget {
31     const SplashScreen({Key? key}) : super(key: key);
32
33     @override
34     State<SplashScreen> createState() => _SplashScreenState();
35 }
36
37 class _SplashScreenState extends State<SplashScreen> {
38     @override
39     void initState() {
40         super.initState();
41
42         Future.delayed(const Duration(seconds: 10)).then((value) {
43             Navigator.of(context)
44                 .pushReplacement(CupertinoPageRoute(builder: (ctx) => Navbar()));
45         });
46     }
47
48     @override
49     Widget build(BuildContext context) {
50         return Scaffold(
51             body: Container(
52                 constraints: BoxConstraints.expand(),
53                 decoration: BoxDecoration(
54                     image: DecorationImage(
55                         image: AssetImage('Assets/images/1.png'), fit: BoxFit.cover)), // DecorationImage // BoxDecoration
56             ), // Container
57         ); // Scaffold
58     }
59 }
```

- Home

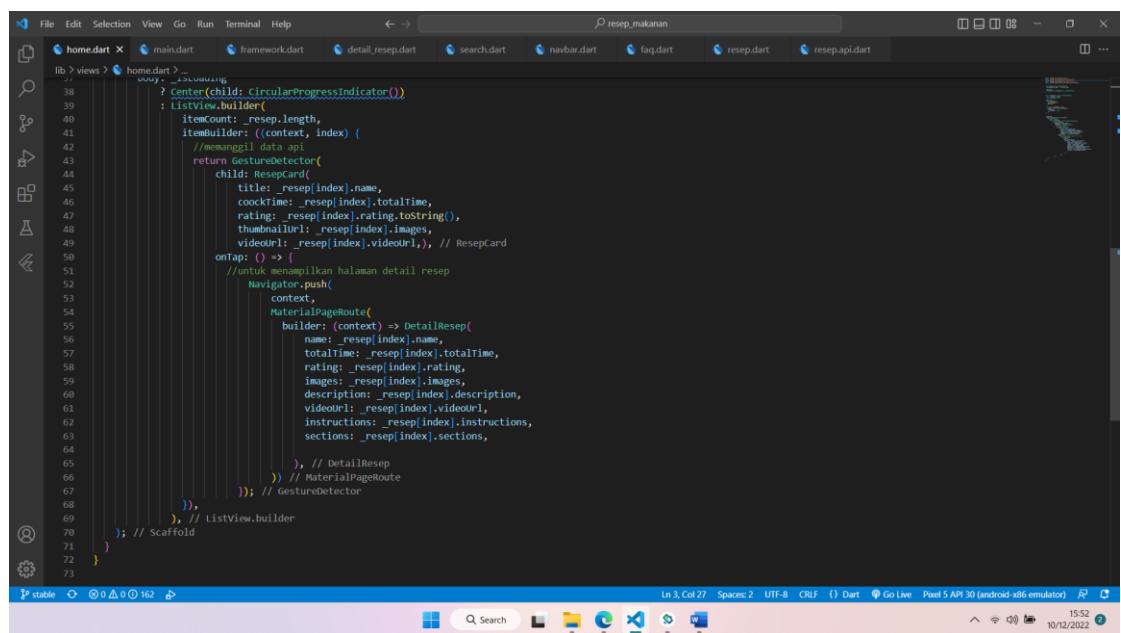


```

lib > views > home.dart ...
1 import 'package:flutter/material.dart';
2 import 'package:resep_makanan/model/resep_api.dart';
3 import 'package:resep_makanan/model/resep.dart';
4 import 'package:resep_makanan/views/detail_resep.dart';
5 import 'package:resep_makanan/views/widget/resep_card.dart';
6
7
8 class HomePage extends StatefulWidget {
9   HomePage({Key? key}) : super(key: key);
10
11   @override
12   _HomePageState createState() => _HomePageState();
13 }
14
15
16 class _HomePageState extends State<HomePage> {
17   late List<Resep> _resep;
18   bool _isLoading = true;
19
20   @override
21   void initState() {
22     super.initState();
23     getResep();
24   }
25
26   Future<void> getResep() async {
27     _resep = await ResepApi.getResep();
28     setState(() {
29       _isLoading = false;
30     });
31   }
32
33
34   @override
35   Widget build(BuildContext context) {
36     return Scaffold(
37       body: _isLoading

```

Ln 3, Col 27 Spaces: 2 UTF-8 CR LF ⚡ Dart Go Live Pixel 5 API 30 (android-x86 emulator) 15:51 10/12/2022



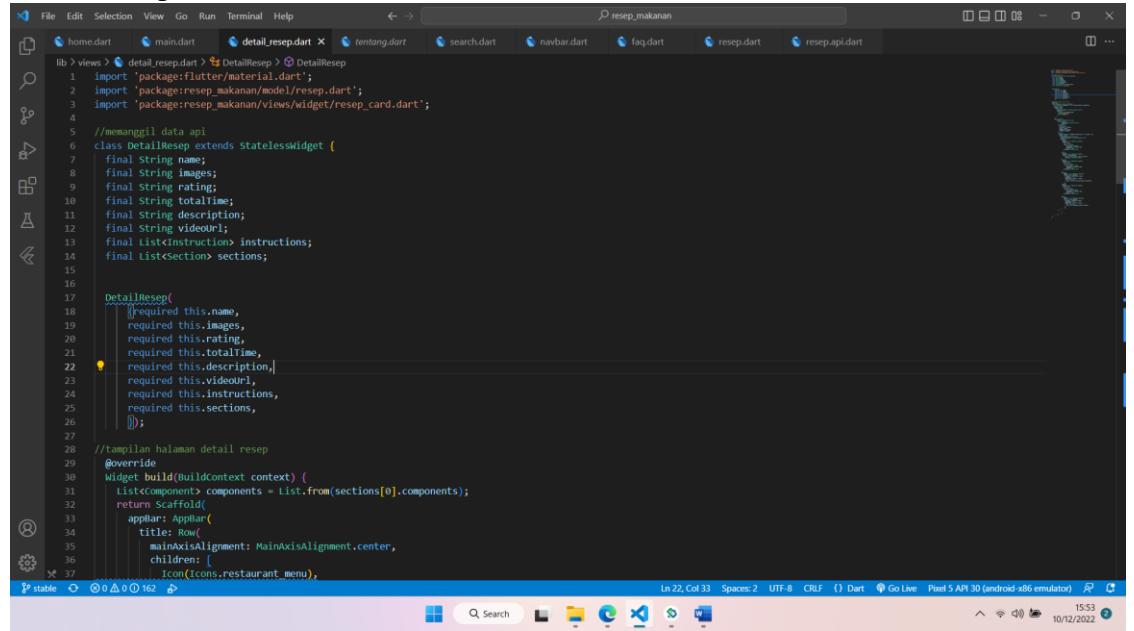
```

lib > views > home.dart ...
38           ? Center(child: CircularProgressIndicator())
39           : ListView.builder(
40             itemCount: _resep.length,
41             itemBuilder: (context, index) {
42               //memanggil data api
43               return GestureDetector(
44                 child: ResepCard(
45                   title: _resep[index].name,
46                   cookTime: _resep[index].totalTime,
47                   rating: _resep[index].rating.toString(),
48                   thumbnailUrl: _resep[index].images,
49                   videoUrl: _resep[index].videoUrl, // Resepcard
50                   onTap: () => [
51                     //untuk menampilkan halaman detail resep
52                     Navigator.push(
53                       context,
54                       MaterialPageRoute(
55                         builder: (context) => DetailResep(
56                           name: _resep[index].name,
57                           totalTime: _resep[index].totalTime,
58                           rating: _resep[index].rating,
59                           images: _resep[index].images,
60                           description: _resep[index].description,
61                           videoUrl: _resep[index].videoUrl,
62                           instructions: _resep[index].instructions,
63                           sections: _resep[index].sections,
64                         ),
65                     ), // DetailResep
66                   ]); // MaterialPageRoute
67                 ); // GestureDetector
68             ),
69           ); // ListView.builder
70       ); // scaffold
71     }
72   }

```

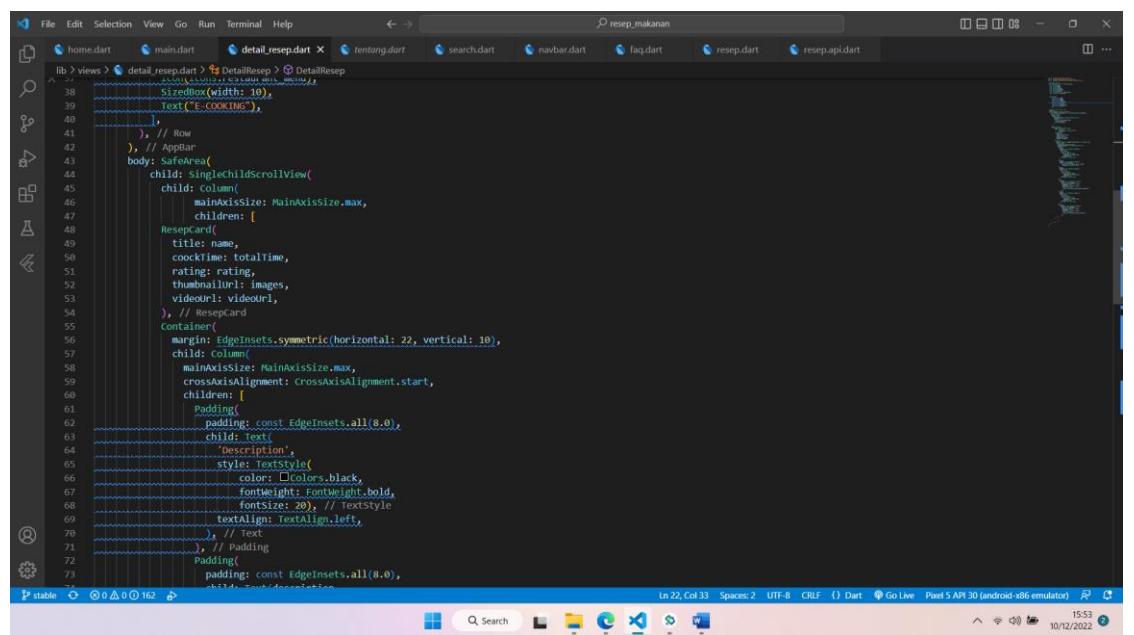
Ln 3, Col 27 Spaces: 2 UTF-8 CR LF ⚡ Dart Go Live Pixel 5 API 30 (android-x86 emulator) 15:52 10/12/2022

- Detail Resep



```

lib > views > detail_resep.dart > DetailResep > DetailResep
1 import 'package:flutter/material.dart';
2 import 'package:resep_sakanan/model/resep.dart';
3 import 'package:resep_sakanan/views/widget/resep_card.dart';
4
5 //memanggil data api
6 class DetailResep extends StatelessWidget {
7   final String name;
8   final String images;
9   final String rating;
10  final String totalTime;
11  final String description;
12  final String videoUrl;
13  final List<Instruction> instructions;
14  final List<Section> sections;
15
16
17  DetailResep({
18    required this.name,
19    required this.images,
20    required this.rating,
21    required this.totalTime,
22    required this.description,
23    required this.videoUrl,
24    required this.instructions,
25    required this.sections,
26  });
27
28 //tampilan halaman detail resep
29 @override
30 Widget build(BuildContext context) {
31   List<Component> components = List.from(sections[0].components);
32   return Scaffold(
33     appBar: AppBar(
34       title: Row(
35         mainAxisAlignment: MainAxisAlignment.center,
36         children: [
37           IconButton(icon: Icons.restaurant_menu),
38         ],
39       ),
40     ),
41   );
42 }
43 body: SafeArea(
44   child: SingleChildScrollView(
45     child: Column(
46       mainAxisAlignment: MainAxisAlignment.max,
47       children: [
48         ResepCard(
49           title: name,
50           cookTime: totalTime,
51           rating: rating,
52           thumbnailUrl: images,
53           videoUrl: videoUrl,
54         ), // ResepCard
55         Container(
56           margin: EdgeInsets.symmetric(horizontal: 22, vertical: 10),
57           child: Column(
58             mainAxisAlignment: MainAxisAlignment.max,
59             crossAxisAlignment: CrossAxisAlignment.start,
60             children: [
61               Padding(
62                 padding: const EdgeInsets.all(8.0),
63                 child: Text(
64                   'Description',
65                   style: TextStyle(
66                     color: Colors.black,
67                     fontWeight: FontWeight.bold,
68                     fontSize: 20, // TextStyle
69                     textAlign: TextAlign.left,
70                 ), // Text
71               ), // Padding
72               Padding(
73                 padding: const EdgeInsets.all(8.0),
74                 child: Text(
75                   'Ingredients',
76                   style: TextStyle(
77                     color: Colors.black,
78                     fontWeight: FontWeight.bold,
79                     fontSize: 20, // TextStyle
80                     textAlign: TextAlign.left,
81                 ), // Text
82               ), // Padding
83               Padding(
84                 padding: const EdgeInsets.all(8.0),
85                 child: Text(
86                   'Instructions',
87                   style: TextStyle(
88                     color: Colors.black,
89                     fontWeight: FontWeight.bold,
90                     fontSize: 20, // TextStyle
91                     textAlign: TextAlign.left,
92                 ), // Text
93               ), // Padding
94             ],
95           ),
96         ),
97       ],
98     ),
99   ),
100 )
101 
```



```

lib > views > detail_resep.dart > DetailResep > ResepCard
1 import 'package:flutter/material.dart';
2 import 'package:resep_sakanan/views/widget/resep_card.dart';
3
4 class ResepCard extends StatelessWidget {
5   final String title;
6   final String cookTime;
7   final String rating;
8   final String thumbnailUrl;
9   final String videoUrl;
10  ResepCard({
11    required this.title,
12    required this.cookTime,
13    required this.rating,
14    required this.thumbnailUrl,
15    required this.videoUrl,
16  });
17
18 @override
19 Widget build(BuildContext context) {
20   return Card(
21     elevation: 5,
22     shape: RoundedRectangleBorder(
23       borderRadius: BorderRadius.circular(10),
24     ),
25     child: Column(
26       mainAxisAlignment: MainAxisAlignment.max,
27       children: [
28         Container(
29           width: 100,
30           height: 100,
31           margin: EdgeInsets.all(10),
32           decoration: BoxDecoration(
33             image: DecorationImage(
34               fit: BoxFit.cover,
35               image: NetworkImage(thumbnailUrl),
36             ),
37           ),
38         ),
39         Padding(
40           padding: const EdgeInsets.all(10),
41           child: Column(
42             mainAxisAlignment: MainAxisAlignment.max,
43             crossAxisAlignment: CrossAxisAlignment.start,
44             children: [
45               Text(
46                 title,
47                 style: TextStyle(
48                   color: Colors.black,
49                   fontWeight: FontWeight.bold,
50                   fontSize: 20, // TextStyle
51                 ), // Text
52               ),
53               Text(
54                 'Cook Time: $cookTime',
55                 style: TextStyle(
56                   color: Colors.grey,
57                   fontSize: 14, // TextStyle
58                 ), // Text
59               ),
60               Text(
61                 'Rating: $rating',
62                 style: TextStyle(
63                   color: Colors.grey,
64                   fontSize: 14, // TextStyle
65                 ), // Text
66               ),
67             ],
68           ),
69         ),
70       ],
71     ),
72   );
73 }
74 
```

```
lib > views > detail_resep.dart > DetailResep
71     ), // Padding
72     Padding(
73       padding: const EdgeInsets.all(8.0),
74       child: Text(description,
75         style: TextStyle(color: Colors.black),
76         textAlign: TextAlign.justify), // text
77   ), // Padding
78   Padding(
79     padding: const EdgeInsets.all(8.0),
80     child: Text(
81       'Instruction',
82       style: TextStyle(
83         color: Colors.black,
84         fontWeight: FontWeight.bold,
85         fontSize: 20), // TextStyle
86       textAlign: TextAlign.left,
87     ), // Text
88   ), // Padding
89   Padding(
90     padding: const EdgeInsets.all(8.0),
91     child: ListView.builder(
92       itemCount: instructions.length,
93       shrinkWrap: true,
94       itemBuilder: (context, index) {
95         return ListTile(
96           title: Text(instructions[index].displayText),
97         ); // ListTile
98       }), // ListView.builder // Padding
99   Padding(
100    padding: const EdgeInsets.all(8.0),
101    child: Text(
102      'Ingredients',
103      style: TextStyle(
104        color: Colors.black,
105        fontWeight: FontWeight.bold,
106        fontSize: 20), // TextStyle
107        textAlign: TextAlign.left,
108      ), // Text
109    ), // Padding
110   Padding(
111     padding: const EdgeInsets.all(8.0),
112     child: ListView.builder(
113       itemCount: components.length,
114       shrinkWrap: true,
115       itemBuilder: (context, index) {
116         return ListTile(
117           title: Text(components[index].rawText),
118         ); // ListTile
119       }), // ListView.builder // Padding
120   ],
121 ), // Column
122 ), // Container
123 ],
124 ), // Column
125 ), // SingleChildScrollView // SafeArea
126 ), // Scaffold
127
128 }
```

```
lib > views > detail_resep.dart > DetailResep
94     itemBuilder: (context, index) {
95       return ListTile(
96         title: Text(instructions[index].displayText),
97       ); // ListTile
98     }, // ListView.builder // Padding
99   Padding(
100    padding: const EdgeInsets.all(8.0),
101    child: Text(
102      'Ingredients',
103      style: TextStyle(
104        color: Colors.black,
105        fontWeight: FontWeight.bold,
106        fontSize: 20), // TextStyle
107        textAlign: TextAlign.left,
108      ), // Text
109    ), // Padding
110   Padding(
111     padding: const EdgeInsets.all(8.0),
112     child: ListView.builder(
113       itemCount: components.length,
114       shrinkWrap: true,
115       itemBuilder: (context, index) {
116         return ListTile(
117           title: Text(components[index].rawText),
118         ); // ListTile
119       }), // ListView.builder // Padding
120   ],
121 ), // Column
122 ), // Container
123 ],
124 ), // Column
125 ), // SingleChildScrollView // SafeArea
126 ), // Scaffold
127
128 }
```

- Resep Card

```

lib > views > widget > resep_card.dart > ResepCard > build
1 import 'package:flutter/material.dart';
2 import 'package:resep_makanan/views/detail_video.dart';
3
4 class ResepCard extends StatelessWidget {
5   final String title;
6   final String rating;
7   final String cooktime;
8   final String thumbnailUrl;
9   final String videoUrl;
10
11   const ResepCard(
12     required this.title,
13     required this.rating,
14     required this.cooktime,
15     required this.thumbnailUrl,
16     required this.videoUrl);
17
18   @override
19   Widget build(BuildContext context) {
20     return Container(
21       margin: EdgeInsets.symmetric(horizontal: 22, vertical: 10),
22       width: MediaQuery.of(context).size.width,
23       height: 250,
24       decoration: BoxDecoration(
25         color: Colors.black,
26         borderRadius: BorderRadius.circular(15),
27         boxShadow: [
28           BoxShadow(
29             color: Colors.black.withOpacity(0.6),
30             offset: Offset(0.0, 10.0),
31             blurRadius: 10.0,
32             spreadRadius: -6.0), // BoxShadow
33         ],
34         image: DecorationImage(
35           colorFilter: ColorFilter.mode(
36             Colors.black.withOpacity(0.35), BlendMode.multiply), // ColorFilter.mode
37           image: NetworkImage(thumbnailUrl),
38         ),
39       ), // BoxDecoration
40       child: Stack(children: [
41         Align(
42           child: Padding(
43             padding: EdgeInsets.symmetric(horizontal: 5.0),
44             child: Text(
45               title,
46               style: TextStyle(fontsize: 19),
47               overflow: TextOverflow.ellipsis,
48               maxLines: 2,
49               textAlign: TextAlign.center,
50             ), // Text
51             ), // Padding
52             alignment: Alignment.center,
53             ), // Align
54             Align(
55               child:
56                 Row(mainAxisSize: MainAxisSize.spaceBetween, children: [
57                   Visibility(
58                     visible: videoUrl != 'novideo' ? true : false,
59                     child: Container(
60                       padding: EdgeInsets.all(10),
61                       margin: EdgeInsets.all(10),
62                       decoration: BoxDecoration(
63                         color: Colors.black.withOpacity(0.4),
64                         borderRadius: BorderRadius.circular(15)), // BoxDecoration
65                         child: InkWell(
66                           onTap: () => Navigator.push(
67                             context,
68                             MaterialPageRoute(
69                               builder: (context) => DetailVideo(
70                                 videourl: videoUrl,
71                               )) // DetailVideo // MaterialPageRoute
72                         ), // InkWell
73                   ), // Container
74                 ], // Row
75               ), // Align
76             ), // Align
77           ), // Stack
78         ), // Container
79       ), // Container
80     ); // Container
81   }
82 }

```

In 58 Col 61 Spaces:2 UTF-8 CRLF ⓘ Dart ⓘ Go Live Pixel 5 API 30 (android-x64 emulator) 15:55 10/12/2022

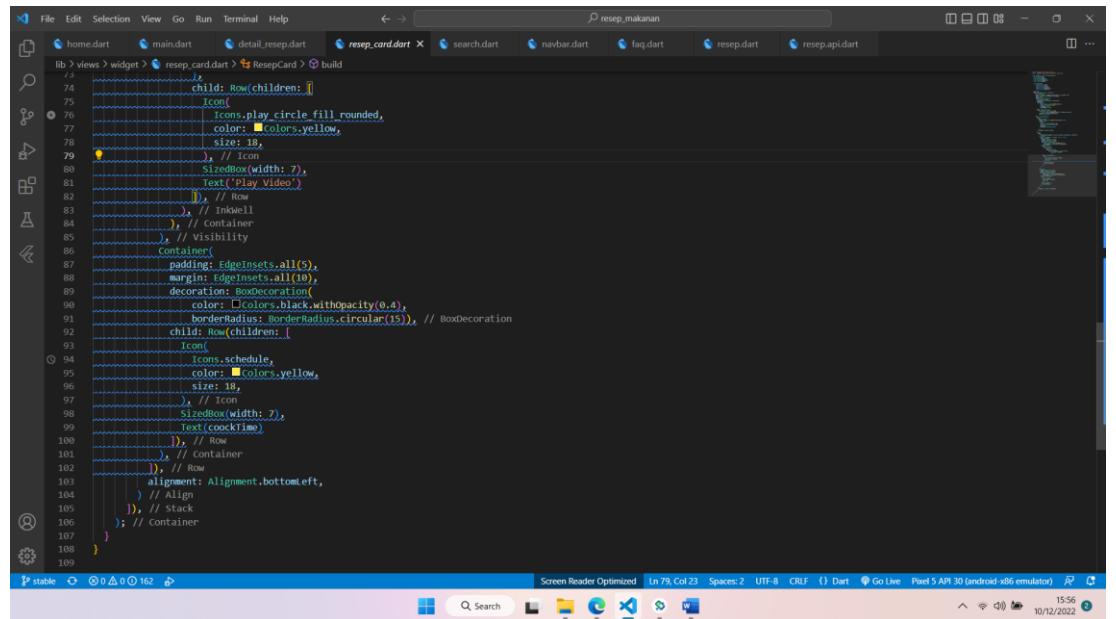
```

lib > views > widget > resep_card.dart > ResepCard > build
1 import 'package:flutter/material.dart';
2 import 'package:resep_makanan/views/detail_video.dart';
3
4 class ResepCard extends StatelessWidget {
5   final String title;
6   final String rating;
7   final String cooktime;
8   final String thumbnailUrl;
9   final String videoUrl;
10
11   const ResepCard(
12     required this.title,
13     required this.rating,
14     required this.cooktime,
15     required this.thumbnailUrl,
16     required this.videoUrl);
17
18   @override
19   Widget build(BuildContext context) {
20     return Container(
21       margin: EdgeInsets.symmetric(horizontal: 22, vertical: 10),
22       width: MediaQuery.of(context).size.width,
23       height: 250,
24       decoration: BoxDecoration(
25         color: Colors.black,
26         borderRadius: BorderRadius.circular(15),
27         boxShadow: [
28           BoxShadow(
29             color: Colors.black.withOpacity(0.6),
30             offset: Offset(0.0, 10.0),
31             blurRadius: 10.0,
32             spreadRadius: -6.0), // BoxShadow
33         ],
34         image: DecorationImage(
35           colorFilter: ColorFilter.mode(
36             Colors.black.withOpacity(0.35), BlendMode.multiply), // ColorFilter.mode
37           image: NetworkImage(thumbnailUrl),
38         ),
39       ), // BoxDecoration
40       child: Stack(children: [
41         Align(
42           child: Padding(
43             padding: EdgeInsets.symmetric(horizontal: 5.0),
44             child: Text(
45               title,
46               style: TextStyle(fontsize: 19),
47               overflow: TextOverflow.ellipsis,
48               maxLines: 2,
49               textAlign: TextAlign.center,
50             ), // Text
51             ), // Padding
52             alignment: Alignment.center,
53             ), // Align
54             Align(
55               child:
56                 Row(mainAxisSize: MainAxisSize.spaceBetween, children: [
57                   Visibility(
58                     visible: videoUrl != 'novideo' ? true : false,
59                     child: Container(
60                       padding: EdgeInsets.all(10),
61                       margin: EdgeInsets.all(10),
62                       decoration: BoxDecoration(
63                         color: Colors.black.withOpacity(0.4),
64                         borderRadius: BorderRadius.circular(15)), // BoxDecoration
65                         child: InkWell(
66                           onTap: () => Navigator.push(
67                             context,
68                             MaterialPageRoute(
69                               builder: (context) => DetailVideo(
70                                 videourl: videoUrl,
71                               )) // DetailVideo // MaterialPageRoute
72                         ), // InkWell
73                   ), // Container
74                 ], // Row
75               ), // Align
76             ), // Align
77           ), // Stack
78         ), // Container
79       ), // Container
80     ); // Container
81   }
82 }

```

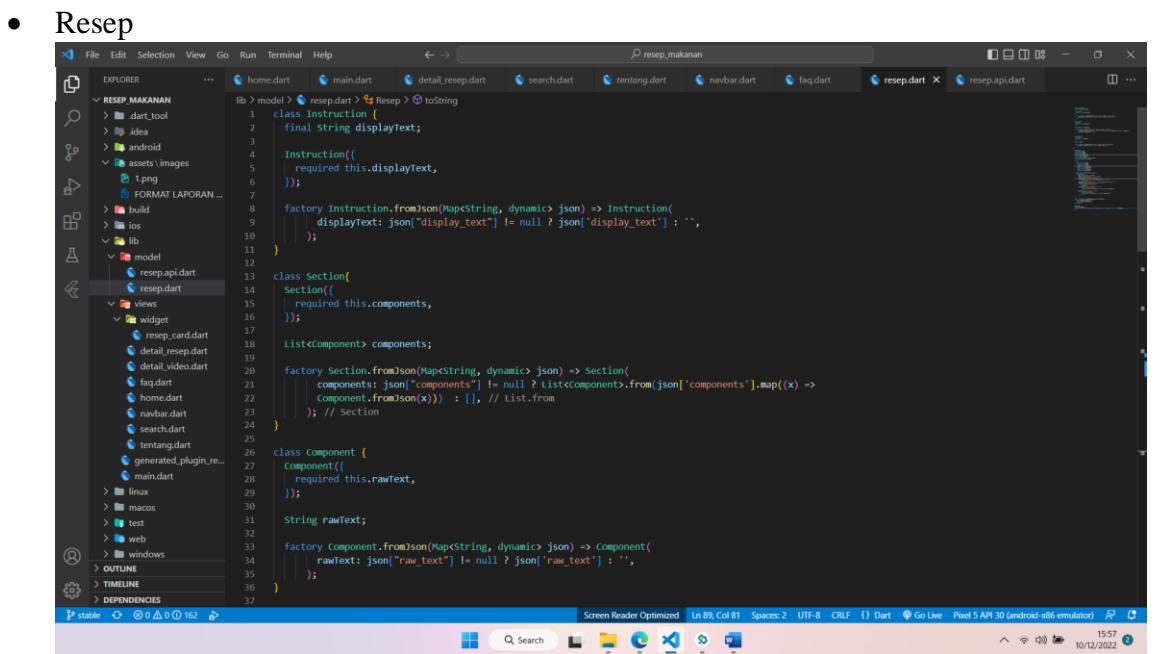
In 58 Col 61 Spaces:2 UTF-8 CRLF ⓘ Dart ⓘ Go Live Pixel 5 API 30 (android-x64 emulator) 15:55 10/12/2022

● Resep



```
lib> views > widget > resep_card.dart > ResepCard > build
7.5
    ...
12.5
        child: Row(children: [
13.5
            Icon(
14.5
                Icons.play_circle_fill_rounded,
15.5
                color: Colors.yellow,
16.5
                size: 18,
17.5
            ), // Icon
18.5
            SizedBox(width: 7),
19.5
            Text("Play Video"),
20.5
        ],), // Row
21.5
    ), // Inkwell
22.5
), // container
23.5
), // visibility
24.5
Container(
25.5
    padding: EdgeInsets.all(5),
26.5
    margin: EdgeInsets.all(10),
27.5
    decoration: BoxDecoration(
28.5
        color: Colors.black.withOpacity(0.4),
29.5
        borderRadius: BorderRadius.circular(15),
29.5
    ), // BoxDecoration
30.5
    child: Row(children: [
31.5
        Icon(
32.5
            Icons.schedule,
33.5
            color: Colors.yellow,
34.5
            size: 18,
35.5
        ), // Icon
36.5
        SizedBox(width: 7),
37.5
        Text("Cooktime"),
38.5
    ],), // Row
39.5
), // Container
40.5
), // Row
41.5
), // Align
42.5
), // Stack
43.5
); // container
44.5
}
45.5
}
46.5
}
47.5
}
48.5
}
49.5
}
50.5
}
51.5
}
52.5
}
53.5
}
54.5
}
55.5
}
56.5
}
57.5
}
58.5
}
59.5
}
60.5
}
61.5
}
62.5
}
63.5
}
64.5
}
65.5
}
66.5
}
67.5
}
68.5
}
69.5
}
70.5
}
71.5
}
72.5
}
73.5
}
74.5
}
75.5
}
76.5
}
77.5
}
78.5
}
79.5
}
80.5
}
81.5
}
82.5
}
83.5
}
84.5
}
85.5
}
86.5
}
87.5
}
88.5
}
89.5
}
90.5
}
91.5
}
92.5
}
93.5
}
94.5
}
95.5
}
96.5
}
97.5
}
98.5
}
99.5
}
100.5
}
101.5
}
102.5
}
103.5
}
104.5
}
105.5
}
106.5
}
107.5
}
108.5
}
109.5
}
```

● Resep



```
RESEP MAKANAN
lib> model > resep.dart > Resep > toString
1. class Instruction {
2.     final String displayText;
3.
4.     Instruction([
5.         required this.displayText,
6.     ]);
7.
8.     factory Instruction.fromJson(Map<String, dynamic> json) => Instruction(
9.         displayText: json["display_text"] != null ? json["display_text"] : '',
10.    );
11. }
12.
13. class Section{
14.     Section([
15.         required this.components,
16.     ]);
17.
18.     List<Component> components;
19.
20.     factory Section.fromJson(Map<String, dynamic> json) => Section(
21.         components: json["components"] != null ? List<Component>.from(json['components']).map((x) =>
22.             Component.fromJson(x))
23.             : [], // list.from
24.         ); // Section
25.
26.     class Component {
27.         Component([
28.             required this.rawText,
29.         ]);
30.
31.         String rawText;
32.
33.         factory Component.fromJson(Map<String, dynamic> json) => Component(
34.             rawText: json["raw_text"] != null ? json["raw_text"] : '',
35.         );
36.     }
37. }
```

```
class Resep {
    final String name;
    final String images;
    final String rating;
    final String totalTime;
    final String videoUrl;
    final List<Instruction> instructions;
    final List<Section> sections;
}

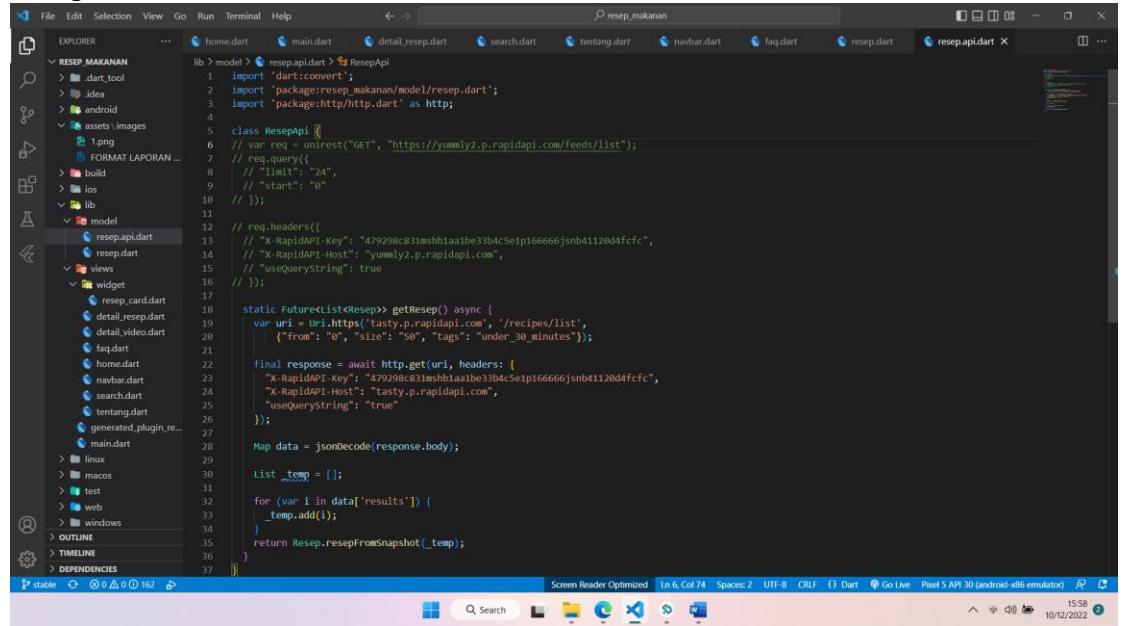
factory Resep.fromJson(dynamic json) {
    return Resep(
        name: json['name'] as String,
        images: json['thumbnail_url'] as String,
        rating: json['country'] as String,
        totalTime: json['total_time_minutes'] != null
            ? json['total_time_minutes'].toString() + " minutes"
            : "30 minutes",
        description: json['description'] != null ? json['description'] : "",
        videoUrl: json['original_video_url'] != null
            ? json['original_video_url']
            : "noVideo",
        instructions: json['instructions'] != null
            ? List<Instruction>.from(
                json['instructions'].map((x) => Instruction.fromJson(x)))
            : [],
        sections: json['sections'] != null
            ? List<Section>.from(
                json['sections'].map((x) => Section.fromJson(x)))
            : []
    );
}
```

```
factory Resep.fromJson(dynamic json) {
    return Resep(
        name: json['name'] as String,
        images: json['thumbnail_url'] as String,
        rating: json['country'] as String,
        totalTime: json['total_time_minutes'] != null
            ? json['total_time_minutes'].toString() + " minutes"
            : "30 minutes",
        description: json['description'] != null ? json['description'] : "",
        videoUrl: json['original_video_url'] != null
            ? json['original_video_url']
            : "noVideo",
        instructions: json['instructions'] != null
            ? List<Instruction>.from(
                json['instructions'].map((x) => Instruction.fromJson(x)))
            : [],
        sections: json['sections'] != null
            ? List<Section>.from(
                json['sections'].map((x) => Section.fromJson(x)))
            : []
    );
}

static List<Resep> resepFromSnapshot(List<dynamic> snapshot) {
    return snapshot.map((data) {
        return Resep.fromJson(data);
    }).toList();
}

@Override
String toString() {
    return 'Resep {name: $name, image: $images, rating: $rating, totalTime: $totalTime}';
}
```

- Resep API

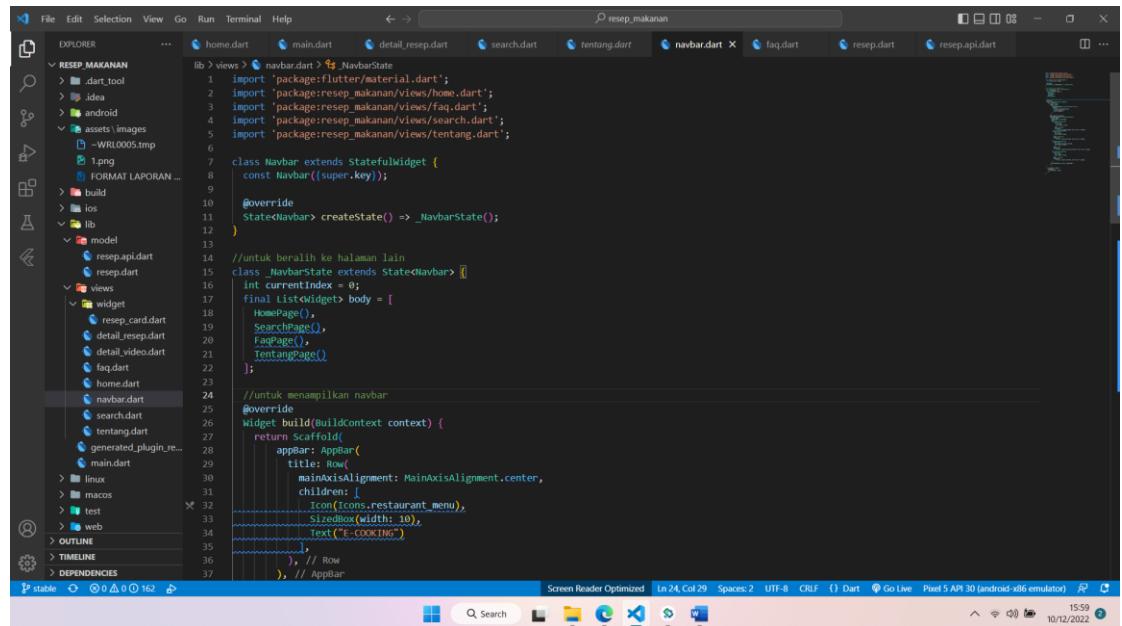


```

lib > model > resep.api.dart
1 import 'dart:convert';
2 import 'package:resep_makanan/model/resep.dart';
3 import 'package:http/http.dart' as http;
4
5 class ResepApi {
6   // var req = unirest("GET", "https://yummly2.p.rapidapi.com/feeds/list");
7   // req.query({
8   //   "limit": "24",
9   //   "start": "0"
10  // });
11
12 // req.headers({
13 //   "X-RapidAPI-Key": "479298c831mshb1aa1be33b4c5e1p166666jsnb41120d4fcfc",
14 //   "X-RapidAPI-Host": "yummly2.p.rapidapi.com",
15 //   "useQueryString": true
16 // });
17
18 static Future<List<Resep>> getResep() async {
19   var url = Uri.https("tasty.p.rapidapi.com", '/recipes/list',
20   ("from": "0", "size": "50", "tags": "under_30_minutes"));
21
22 final response = await http.get(url, headers: {
23   "X-RapidAPI-Key": "479298c831mshb1aa1be33b4c5e1p166666jsnb41120d4fcfc",
24   "X-RapidAPI-Host": "tasty.p.rapidapi.com",
25   "useQueryString": "true"
26 });
27
28 Map data = jsonDecode(response.body);
29
30 List _temp = [];
31
32 for (var i in data["results"]) {
33   _temp.add(i);
34 }
35
36 return Resep.resepFromSnapshot(_temp);
37 }

```

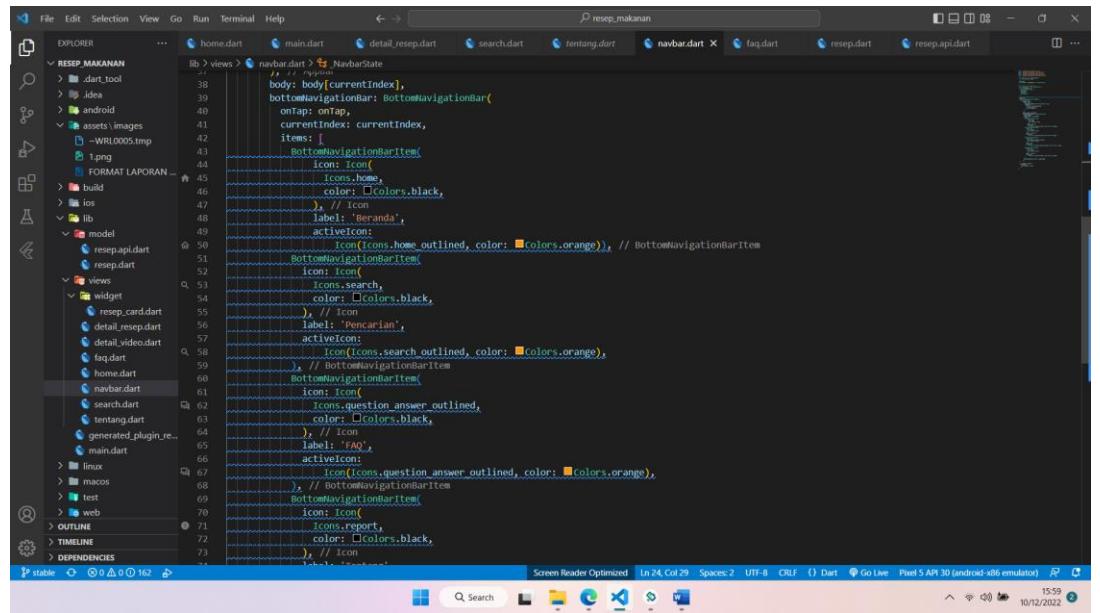
- Navbar



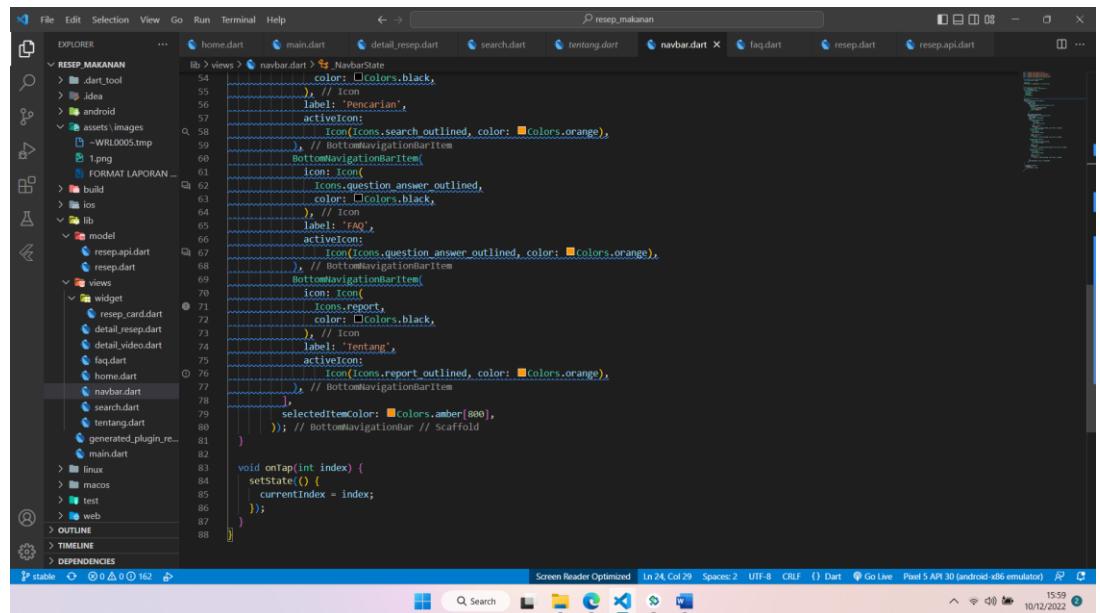
```

lib > views > navbar.dart > _NavbarState
1 import 'package:flutter/material.dart';
2 import 'package:resep_makanan/views/home.dart';
3 import 'package:resep_makanan/views/faq.dart';
4 import 'package:resep_makanan/views/search.dart';
5 import 'package:resep_makanan/views/tentang.dart';
6
7 class Navbar extends StatefulWidget {
8   const Navbar({super.key});
9
10 @override
11 State<Navbar> createState() => _NavbarState();
12 }
13
14 // untuk beralih ke halaman lain
15 class _NavbarState extends State<Navbar> {
16   int _currentIndex = 0;
17   final List<Widget> body = [
18     HomePage(),
19     SearchPage(),
20     FaqPage(),
21     TentangPage(),
22   ];
23
24 //untuk menampilkan navbar
25 @override
26 Widget build(BuildContext context) {
27   return Scaffold(
28     appBar: AppBar(
29       title: Row(
30         mainAxisAlignment: MainAxisAlignment.center,
31         children: [
32           Icon(Icons.restaurant_menu),
33           SizedBox(width: 10),
34           Text("E-COKING"),
35         ],
36       ), // Row
37     ), // AppBar

```

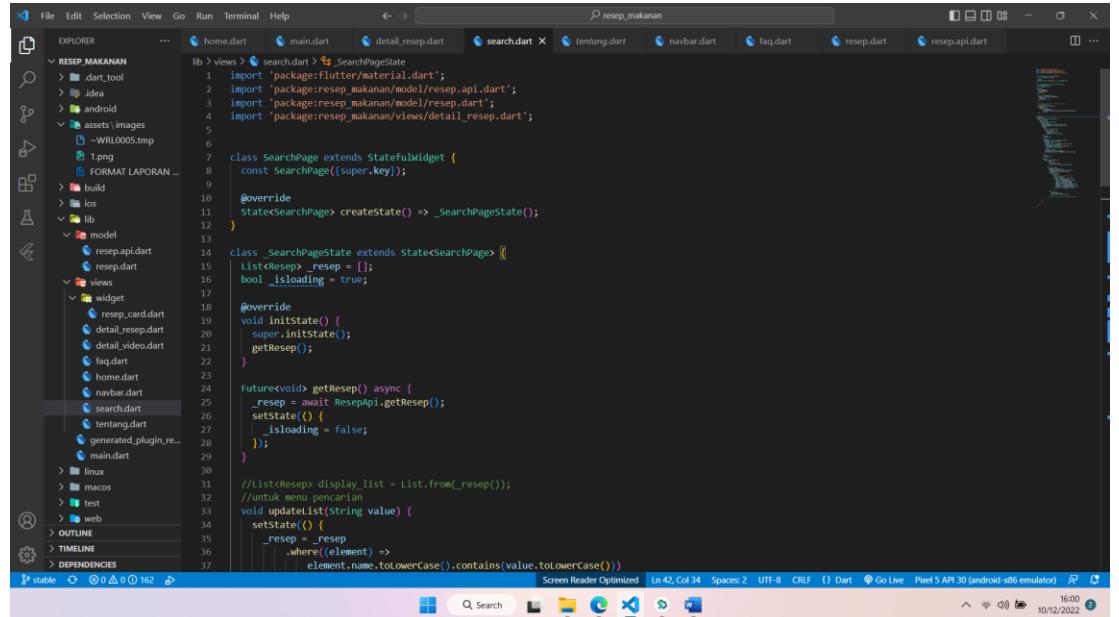


```
lib > views > navbar.dart
  ...
  body: body[currentIndex],
  bottomNavigationBar: BottomNavigationBar(
    onTap: onTap,
    currentIndex: currentIndex,
    items: [
      BottomNavigationBarItem(
        icon: Icon(Icons.home),
        label: 'Beranda',
        activeIcon:
          Icon(Icons.home_outlined, color: Colors.orange), // BottomNavigationBarItem
      ),
      BottomNavigationBarItem(
        icon: Icon(Icons.search),
        label: 'Pencarian',
        activeIcon:
          Icon(Icons.search_outlined, color: Colors.orange),
      ), // BottomNavigationBarItem
      BottomNavigationBarItem(
        icon: Icon(Icons.question_answer_outlined),
        label: 'FAQ',
        activeIcon:
          Icon(Icons.question_answer_outlined, color: Colors.orange),
      ), // BottomNavigationBarItem
      BottomNavigationBarItem(
        icon: Icon(Icons.report),
        label: 'Tentang',
        activeIcon:
          Icon(Icons.report_outlined, color: Colors.orange),
      ), // BottomNavigationBarItem
    ],
  ),
  ...
); // Scaffold
```



```
lib > views > navbar.dart
  ...
  body: body[currentIndex],
  bottomNavigationBar: BottomNavigationBar(
    onTap: onTap,
    currentIndex: currentIndex,
    items: [
      BottomNavigationBarItem(
        icon: Icon(Icons.home),
        label: 'Beranda',
        activeIcon:
          Icon(Icons.home_outlined, color: Colors.orange),
      ), // BottomNavigationBarItem
      BottomNavigationBarItem(
        icon: Icon(Icons.search),
        label: 'Pencarian',
        activeIcon:
          Icon(Icons.search_outlined, color: Colors.orange),
      ), // BottomNavigationBarItem
      BottomNavigationBarItem(
        icon: Icon(Icons.question_answer_outlined),
        label: 'FAQ',
        activeIcon:
          Icon(Icons.question_answer_outlined, color: Colors.orange),
      ), // BottomNavigationBarItem
      BottomNavigationBarItem(
        icon: Icon(Icons.report),
        label: 'Tentang',
        activeIcon:
          Icon(Icons.report_outlined, color: Colors.orange),
      ), // BottomNavigationBarItem
    ],
  ),
  ...
); // Scaffold
```

- Search



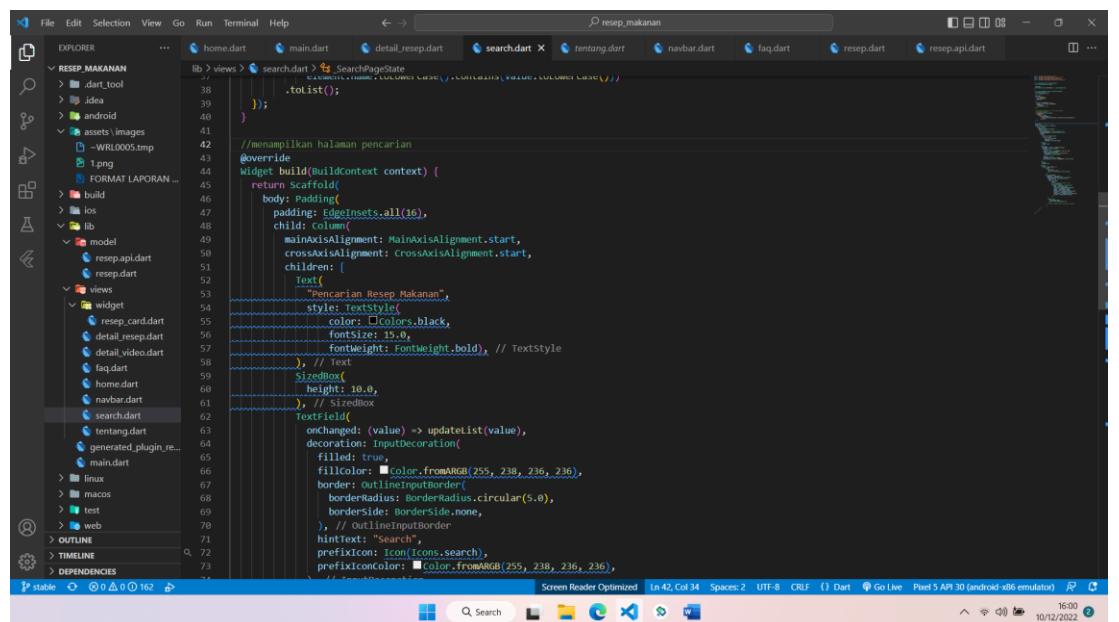
```

File Edit Selection View Go Run Terminal Help < > search.dart > RESEP.MAKANAN
RESEP.MAKANAN
  > .dart_tool
  > .idea
  > android
  > assets\images
    > -WR1.0005.tmp
    > 1.png
  > FORMAT LAPORAN...
  > build
  > ios
  > lib
    > model
      > resep.api.dart
      > resep.dart
    > views
      > widget
        > resep_card.dart
        > detail_resep.dart
        > detail_video.dart
        > faq.dart
        > home.dart
        > navbar.dart
        > search.dart
        > tentang.dart
        > generated_plugin_re...
        > main.dart
    > linux
    > macos
    > test
    > web
  > OUTLINE
  > TIMELINE
  > DEPENDENCIES

lib > views > search.dart > _SearchPageState
  1 import 'package:flutter/material.dart';
  2 import 'package:resep_makanan/model/resep_api.dart';
  3 import 'package:resep_makanan/model/resep.dart';
  4 import 'package:resep_makanan/views/detail_resep.dart';
  5
  6
  7 class SearchPage extends StatefulWidget {
  8   const SearchPage({super.key});
  9
 10   @override
 11   State<SearchPage> createState() => _SearchPageState();
 12 }
 13
 14 class _SearchPageState extends State<SearchPage> {
 15   List<Resep> _resep = [];
 16   bool _isLoading = true;
 17
 18   @override
 19   void initState() {
 20     super.initState();
 21     getResep();
 22   }
 23
 24   Future<void> getResep() async {
 25     _resep = await ResepApi.getResep();
 26     setState(() {
 27       _isLoading = false;
 28     });
 29   }
 30
 31   //List<Resep> displayList = List.from(_resep);
 32   //untuk menu pencarian
 33   void updateList(String value) {
 34     setState(() {
 35       _resep = _resep
 36         .where((element) =>
 37           element.name.toLowerCase().contains(value.toLowerCase()));
 38     });
 39   }
 40
 41   //menampilkan halaman pencarian
 42   @override
 43   Widget build(BuildContext context) {
 44     return Scaffold(
 45       body: Padding(
 46         padding: EdgeInsets.all(16),
 47         child: Column(
 48           mainAxisAlignment: MainAxisAlignment.start,
 49           crossAxisAlignment: CrossAxisAlignment.start,
 50           children: [
 51             Text(
 52               "Pencarian Resep Makanan",
 53               style: TextStyle(
 54                 color: Colors.black,
 55                 fontSize: 15.0,
 56                 fontWeight: FontWeight.bold),
 57             ), // Text
 58             SizedBox(
 59               height: 10.0,
 60             ), // SizedBox
 61             TextField(
 62               onChanged: (value) => updateList(value),
 63               decoration: InputDecoration(
 64                 filled: true,
 65                 fillColor: Color.fromRGBO(255, 238, 236, 236),
 66                 border: OutlineInputBorder(
 67                   borderRadius: BorderRadius.circular(5.0),
 68                   borderSide: BorderSide.none,
 69                 ), // OutlineInputBorder
 70                 hintText: "Search",
 71                 prefixIcon: Icon(Icons.search),
 72                 prefixIconColor: Color.fromRGBO(255, 238, 236, 236),
 73               ),
 74             )
 75           ],
 76         ),
 77       ),
 78     );
 79   }
 80 }

Screen Reader Optimized In 42, Col 34 Spaces:2 UTF-8 CR/LF ⓘ Dart ⓘ Go Live Pixel 5 API 30 (android-x86 emulator) ⌂ 16:00 10/12/2022 ⌂

```



```

File Edit Selection View Go Run Terminal Help < > search.dart > RESEP.MAKANAN
RESEP.MAKANAN
  > .dart_tool
  > .idea
  > android
  > assets\images
    > -WR1.0005.tmp
    > 1.png
  > FORMAT LAPORAN...
  > build
  > ios
  > lib
    > model
      > resep.api.dart
      > resep.dart
    > views
      > widget
        > resep_card.dart
        > detail_resep.dart
        > detail_video.dart
        > faq.dart
        > home.dart
        > navbar.dart
        > search.dart
        > tentang.dart
        > generated_plugin_re...
        > main.dart
    > linux
    > macos
    > test
    > web
  > OUTLINE
  > TIMELINE
  > DEPENDENCIES

lib > views > search.dart > _SearchPageState
  1 import 'package:flutter/material.dart';
  2 import 'package:resep_makanan/model/resep_api.dart';
  3 import 'package:resep_makanan/model/resep.dart';
  4 import 'package:resep_makanan/views/detail_resep.dart';
  5
  6
  7 class SearchPage extends StatefulWidget {
  8   const SearchPage({super.key});
  9
 10   @override
 11   State<SearchPage> createState() => _SearchPageState();
 12 }
 13
 14 class _SearchPageState extends State<SearchPage> {
 15   List<Resep> _resep = [];
 16   bool _isLoading = true;
 17
 18   @override
 19   void initState() {
 20     super.initState();
 21     getResep();
 22   }
 23
 24   Future<void> getResep() async {
 25     _resep = await ResepApi.getResep();
 26     setState(() {
 27       _isLoading = false;
 28     });
 29   }
 30
 31   //List<Resep> displayList = List.from(_resep);
 32   //untuk menu pencarian
 33   void updateList(String value) {
 34     setState(() {
 35       _resep = _resep
 36         .where((element) =>
 37           element.name.toLowerCase().contains(value.toLowerCase()));
 38     });
 39   }
 40
 41   //menampilkan halaman pencarian
 42   @override
 43   Widget build(BuildContext context) {
 44     return Scaffold(
 45       body: Padding(
 46         padding: EdgeInsets.all(16),
 47         child: Column(
 48           mainAxisAlignment: MainAxisAlignment.start,
 49           crossAxisAlignment: CrossAxisAlignment.start,
 50           children: [
 51             Text(
 52               "Pencarian Resep Makanan",
 53               style: TextStyle(
 54                 color: Colors.black,
 55                 fontSize: 15.0,
 56                 fontWeight: FontWeight.bold, // TextStyle
 57             ), // Text
 58             SizedBox(
 59               height: 10.0,
 60             ), // SizedBox
 61             TextField(
 62               onChanged: (value) => updateList(value),
 63               decoration: InputDecoration(
 64                 filled: true,
 65                 fillColor: Color.fromRGBO(255, 238, 236, 236),
 66                 border: OutlineInputBorder(
 67                   borderRadius: BorderRadius.circular(5.0),
 68                   borderSide: BorderSide.none,
 69                 ), // OutlineInputBorder
 70                 hintText: "Search",
 71                 prefixIcon: Icon(Icons.search),
 72                 prefixIconColor: Color.fromRGBO(255, 238, 236, 236),
 73               ),
 74             )
 75           ],
 76         ),
 77       ),
 78     );
 79   }
 80 }

Screen Reader Optimized In 42, Col 34 Spaces:2 UTF-8 CR/LF ⓘ Dart ⓘ Go Live Pixel 5 API 30 (android-x86 emulator) ⌂ 16:00 10/12/2022 ⌂

```

```
lib > views > search.dart > _SearchPageState
  hinttext: "search",
  prefixIcon: Icons.search,
  prefixIconColor: Color.fromARGB(255, 238, 236, 236),
), // InputDecoration
SizedBox(
height: 20.0,
), // sizedBox
Expanded(
child: _resep.length == 0
? Center(
  child: Text(
    "No Result Found",
    style: TextStyle(color: Colors.black),
  ),
) // Text
: Center(
  child: ListView.builder(
    itemCount: _resep.length,
    itemBuilder: (context, index) => ListTile(
      contentPadding: EdgeInsets.all(8.0),
      onTap: () => {
        Navigator.push(
          context,
          MaterialPageRoute(
            builder: (context) => DetailResep(
              name: _resep[index].name,
              totalTime: _resep[index].totalTime,
              rating: _resep[index].rating,
              images: _resep[index].images,
              description: _resep[index].description,
              videoUrl: _resep[index].videoUrl,
              instructions: _resep[index].instructions,
              sections: _resep[index].sections,
            ), // DetailResep
          ) // MaterialPageRoute
        );
      },
    ),
    title: Text(
      _resep[index].name,
      style: TextStyle(fontsize: 16),
    ),
  ), // Text
  // leading: Image.network(_resep[index].images),
), // ListTile
), // ListView.builder
), // Expanded
), // Column
), // Padding
); // Scaffold
}

```

```
lib > views > search.dart > _SearchPageState
  : ListView.builder(
    itemCount: _resep.length,
    itemBuilder: (context, index) => ListTile(
      contentPadding: EdgeInsets.all(8.0),
      onTap: () => {
        Navigator.push(
          context,
          MaterialPageRoute(
            builder: (context) => DetailResep(
              name: _resep[index].name,
              totalTime: _resep[index].totalTime,
              rating: _resep[index].rating,
              images: _resep[index].images,
              description: _resep[index].description,
              videoUrl: _resep[index].videoUrl,
              instructions: _resep[index].instructions,
              sections: _resep[index].sections,
            ), // DetailResep
          ) // MaterialPageRoute
        );
      },
    ),
    title: Text(
      _resep[index].name,
      style: TextStyle(fontsize: 16),
    ),
  ), // Text
  // leading: Image.network(_resep[index].images),
), // ListTile
), // ListView.builder
), // Expanded
), // Column
), // Padding
); // Scaffold
}

```

- FAQ (Frequently Asked Question)

```

lib > views > faq.dart 3 ↵ _FaqPageState & build
1 import 'package:flutter/material.dart';
2 import 'package:resep_makanan/model/resep_api.dart';
3 import 'package:resep_makanan/model/resep.dart';
4 import 'package:resep_makanan/views/detail_resep.dart';
5 import 'package:resep_makanan/views/widget/resep_card.dart';
6
7 class FaqPage extends StatefulWidget {
8   const FaqPage({Key? key}) : super(key: key);
9
10   @override
11   State<FaqPage> createState() => _FaqPageState();
12 }
13
14 class _FaqPageState extends State<FaqPage> {
15   @override
16   Widget build(BuildContext context) {
17     return Container(
18       margin: EdgeInsets.symmetric(horizontal: 22, vertical: 10),
19       child: Column(mainAxisSize: MainAxisSize.max, children: [
20         Padding(
21           padding: const EdgeInsets.all(8.0),
22           child: Text(
23             'Pertanyaan yang Sering diajukan',
24             style: TextStyle(
25               color: Colors.black,
26               fontWeight: FontWeight.bold,
27               fontSize: 22
28             ), // TextStyle
29             textAlign: TextAlign.center,
30           ), // Text
31         ), // Padding
32         Padding(
33           padding: const EdgeInsets.all(8.0),
34           child: Text('Bagaimana saya dapat menghubungi E-cooking?',
35             style: TextStyle(color: Colors.black,
36               fontWeight: FontWeight.bold,
37             ), // TextStyle
38           ), // Text
39         ), // Padding
40         Padding(
41           padding: const EdgeInsets.all(8.0),
42           child: Text('Anda dapat mengirimkan email ke info.id@cooking.com',
43             style: TextStyle(color: Colors.black,
44               fontWeight: FontWeight.bold,
45               fontSize: 16), // TextStyle
46             textAlign: TextAlign.justify),
47         ), // Padding
48         Padding(
49           padding: const EdgeInsets.all(8.0),
50           child: Text('Bapakima cara mengunduh aplikasi E-Cooking?',
51             style: TextStyle(color: Colors.black,
52               fontWeight: FontWeight.bold,
53               fontSize: 16), // TextStyle
54             textAlign: TextAlign.justify),
55         ), // Padding
56         Padding(
57           padding: const EdgeInsets.all(8.0),
58           child: Text('Buka App Store atau Google Play dan ketik E-Bakery pada halaman pencarian, pasang atau install secara gratis',
59             style: TextStyle(color: Colors.black,
60               fontWeight: FontWeight.bold,
61               fontSize: 16), // TextStyle
62             textAlign: TextAlign.justify),
63         ), // Padding
64         Padding(
65           padding: const EdgeInsets.all(8.0),
66           child: Text('Bagaimana cara mencari resep?',
67             style: TextStyle(color: Colors.black,
68               fontWeight: FontWeight.bold,
69               fontSize: 16), // TextStyle
70             textAlign: TextAlign.left),
71         ), // Padding
72         Padding(
73           padding: const EdgeInsets.all(8.0),
74           child: Text('Untuk aplikasi mobile, klik simbol kaca pembesar pada navigasi bugian bawah untuk membuka halaman pencarian. Masukkan kata kunci pencarian berupa'),
75         ), // Padding
76       ],
77     );
78   }
79 }

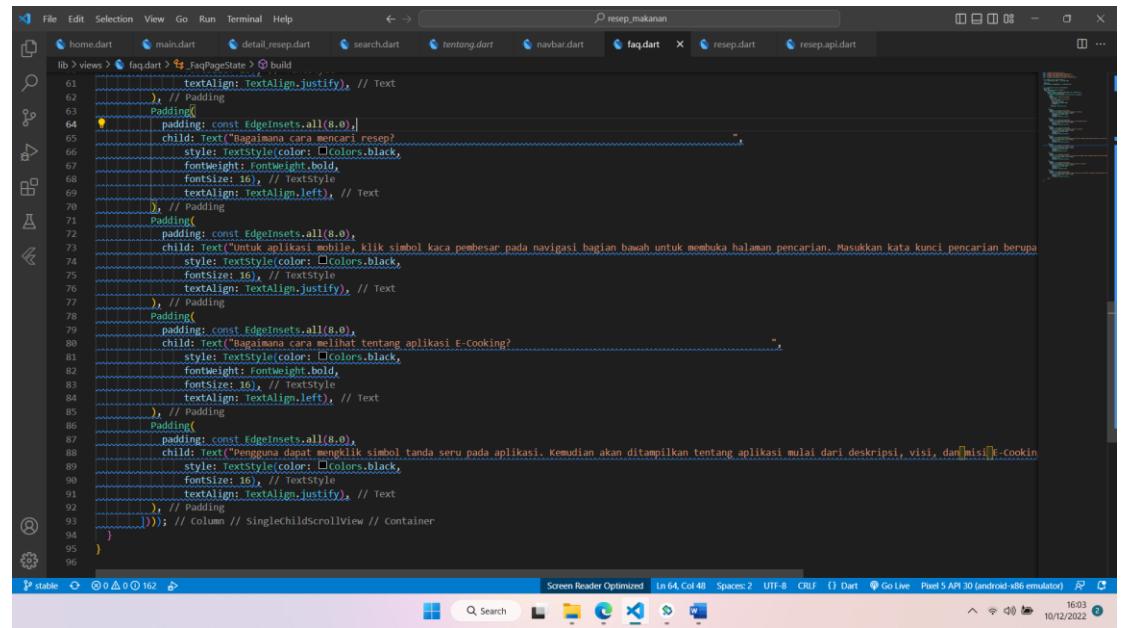
```

```

lib > views > faq.dart 3 ↵ _FaqPageState & build
1 import 'package:flutter/material.dart';
2 import 'package:resep_makanan/model/resep_api.dart',
3   font_size: 16, // TextStyle
4   textAlign: TextAlign.justify), // Text
5 ), // Padding
6 Padding(
7   padding: const EdgeInsets.all(8.0),
8   child: Text('Anda dapat mengirimkan email ke info.id@cooking.com',
9     style: TextStyle(color: Colors.black,
10       fontWeight: FontWeight.bold,
11       fontSize: 16), // TextStyle
12     textAlign: TextAlign.justify),
13 ), // Padding
14 Padding(
15   padding: const EdgeInsets.all(8.0),
16   child: Text('Bapakima cara mengunduh aplikasi E-cooking?',
17     style: TextStyle(color: Colors.black,
18       fontWeight: FontWeight.bold,
19       fontSize: 16), // TextStyle
20     textAlign: TextAlign.justify),
21 ), // Padding
22 Padding(
23   padding: const EdgeInsets.all(8.0),
24   child: Text('Buka App Store atau Google Play dan ketik E-Bakery pada halaman pencarian, pasang atau install secara gratis',
25     style: TextStyle(color: Colors.black,
26       fontWeight: FontWeight.bold,
27       fontSize: 16), // TextStyle
28     textAlign: TextAlign.justify),
29 ), // Padding
30 Padding(
31   padding: const EdgeInsets.all(8.0),
32   child: Text('Bagaimana cara mencari resep?',
33     style: TextStyle(color: Colors.black,
34       fontWeight: FontWeight.bold,
35       fontSize: 16), // TextStyle
36     textAlign: TextAlign.left),
37 ), // Padding
38 Padding(
39   padding: const EdgeInsets.all(8.0),
40   child: Text('Untuk aplikasi mobile, klik simbol kaca pembesar pada navigasi bugian bawah untuk membuka halaman pencarian. Masukkan kata kunci pencarian berupa'),
41 ), // Padding
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73

```

● Tentang

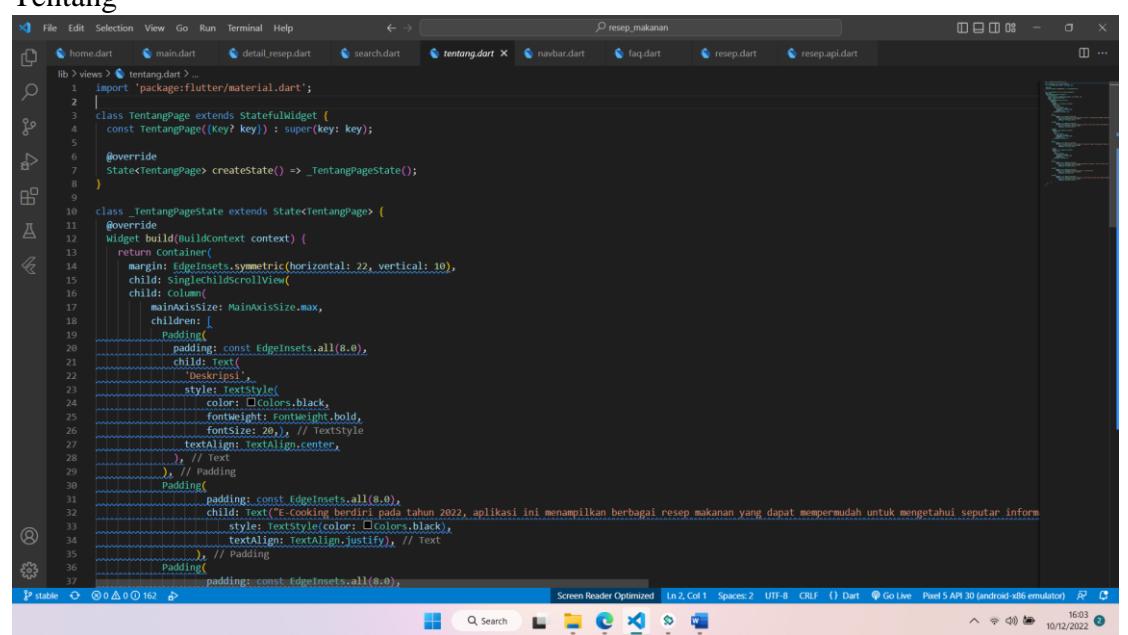


```

lib > views > faq.dart > _FaqPageState > build
51   ), // Padding
52   Padding(
53     padding: const EdgeInsets.all(8.0),
54     child: Text("Bagaimana cara mencari resep?", style: TextStyle(color: Colors.black, fontWeight: FontWeight.bold, fontSize: 16), // TextStyle
55     textAlign: TextAlign.left), // Text
56   ), // Padding
57   Padding(
58     padding: const EdgeInsets.all(8.0),
59     child: Text("Untuk aplikasi mobile,klik simbol kaca pembesar pada bagian bawah untuk membuka halaman pencarian. Masukkan kata kunci pencarian berupa", style: TextStyle(color: Colors.black, fontSize: 16), // TextStyle
60     textAlign: TextAlign.justify), // Text
61   ), // Padding
62   Padding(
63     padding: const EdgeInsets.all(8.0),
64     child: Text("Bagaimana cara melihat tentang aplikasi E-cooking?", style: TextStyle(color: Colors.black, fontWeight: FontWeight.bold, fontSize: 16), // TextStyle
65     textAlign: TextAlign.left), // Text
66   ), // Padding
67   Padding(
68     padding: const EdgeInsets.all(8.0),
69     child: Text("Pengguna dapat mengklik simbol tanda seru pada aplikasi. Kemudian akan ditampilkan tentang aplikasi mulai dari deskripsi, visi, dan misi E-Cookin", style: TextStyle(color: Colors.black, fontSize: 16), // TextStyle
70     textAlign: TextAlign.justify), // Text
71   ), // Padding
72   ), // Column // SingleChildScrollView // Container
73 )
74 }
75

```

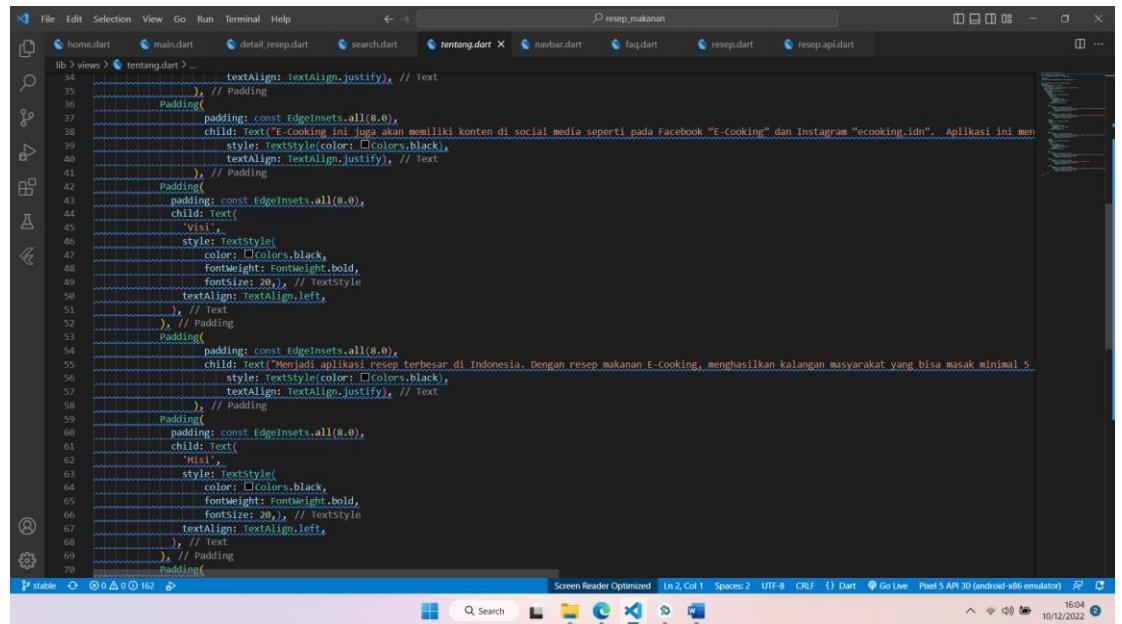
● Tentang



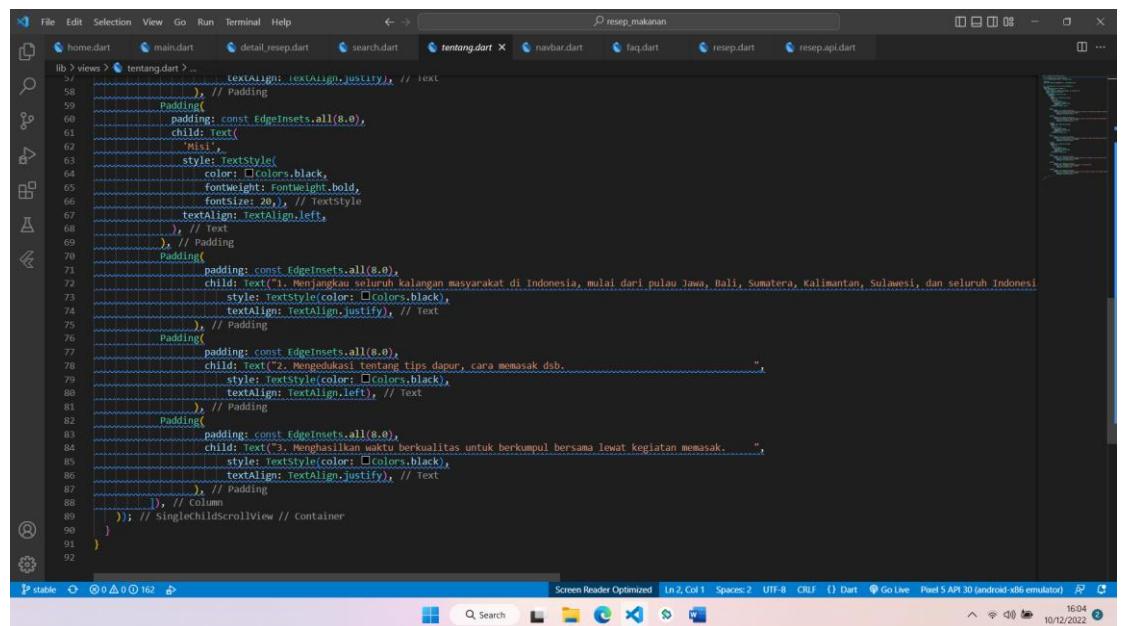
```

lib > views > tentang.dart > ...
1 import 'package:flutter/material.dart';
2 [
3   class TentangPage extends StatefulWidget {
4     const TentangPage({Key? key}) : super(key: key);
5
6     @override
7     State<TentangPage> createState() => _TentangPagestate();
8   }
9
10 class _TentangPagestate extends State<TentangPage> {
11   @override
12   Widget build(BuildContext context) {
13     return Container(
14       margin: EdgeInsets.symmetric(horizontal: 22, vertical: 10),
15       child: SingleChildScrollView(
16         child: column(
17           mainAxisAlignment: MainAxisAlignment.max,
18           children: [
19             Padding(
20               padding: const EdgeInsets.all(8.0),
21               child: Text(
22                 'Deskripsi',
23                 style: TextStyle(
24                   color: Colors.black,
25                   fontWeight: FontWeight.bold,
26                   fontSize: 20), // TextStyle
27                 textAlign: TextAlign.center,
28             ), // Text
29             ), // Padding
30             Padding(
31               padding: const EdgeInsets.all(8.0),
32               child: Text("E-Cooking berdiri pada tahun 2022, aplikasi ini menampilkan berbagai resep makanan yang dapat mempermudah untuk mengetahui seputar informasi", style: TextStyle(color: Colors.black, fontSize: 16), // TextStyle
33               textAlign: TextAlign.justify), // Text
34             ), // Padding
35             Padding(
36               padding: const EdgeInsets.all(8.0),
37             )
38           ],
39         ),
40       ),
41     );
42   }
43 }

```



```
lib>views> tentang.dart >_<br>34     textAlign: TextAlign.justify), // Text<br>35   ), // Padding<br>36   Padding(<br>37     padding: const EdgeInsets.all(8.0),<br>38     child: Text("E-Cooking ini juga akan memiliki konten di social media seperti pada Facebook "E-Cooking" dan Instagram "ecooking.idn". Aplikasi ini men<br>39     style: TextStyle(color: Colors.black),<br>40   ), // Padding<br>41   Padding(<br>42     padding: const EdgeInsets.all(8.0),<br>43     child: Text('<br>44       Visi',<br>45       style: TextStyle(<br>46         color: Colors.black,<br>47         fontWeight: FontWeight.bold,<br>48         fontSize: 20,), // TextStyle<br>49       textAlign: TextAlign.left,<br>50     ), // Text<br>51   ), // Padding<br>52   Padding(<br>53     padding: const EdgeInsets.all(8.0),<br>54     child: Text("Menjadi aplikasi resep terbesar di Indonesia. Dengan resep makanan E-Cooking, menghasilkan kalangan masyarakat yang bisa masak minimal 5<br>55     style: TextStyle(color: Colors.black),<br>56     textAlign: TextAlign.justify), // Text<br>57   ), // Padding<br>58   Padding(<br>59     padding: const EdgeInsets.all(8.0),<br>60     child: Text('<br>61       Misi',<br>62       style: TextStyle(<br>63         color: Colors.black,<br>64         fontWeight: FontWeight.bold,<br>65         fontSize: 20,), // TextStyle<br>66       textAlign: TextAlign.left,<br>67     ), // Text<br>68   ), // Padding<br>69   Padding(<br>70     padding: const EdgeInsets.all(8.0),<br>71     child: Text("1. Mengjangkau seluruh kalangan masyarakat di Indonesia, mulai dari pulau Jawa, Bali, Sumatera, Kalimantan, Sulawesi, dan seluruh Indonesia<br>72     style: TextStyle(color: Colors.black),<br>73     textAlign: TextAlign.justify), // Text<br>74   ), // Padding<br>75   Padding(<br>76     padding: const EdgeInsets.all(8.0),<br>77     child: Text("2. Mengedukasi tentang tips dapur, cara memasak dsb.",<br>78     style: TextStyle(color: Colors.black),<br>79     textAlign: TextAlign.left), // Text<br>80   ), // Padding<br>81   Padding(<br>82     padding: const EdgeInsets.all(8.0),<br>83     child: Text("3. Menghasilkan waktu berkualitas untuk berkumpul bersama lewat kegiatan memasak.",<br>84     style: TextStyle(color: Colors.black),<br>85     textAlign: TextAlign.justify), // Text<br>86   ), // Padding<br>87   ), // Column<br>88 }, // singleChildScrollView // Container<br>89 }<br>90 }<br>91 }
```



```
lib>views> tentang.dart >_<br>34     textAlign: TextAlign.justify), // Text<br>35   ), // Padding<br>36   Padding(<br>37     padding: const EdgeInsets.all(8.0),<br>38     child: Text('<br>39       Visi',<br>40       style: TextStyle(<br>41         color: Colors.black,<br>42         fontWeight: FontWeight.bold,<br>43         fontSize: 20,), // TextStyle<br>44       textAlign: TextAlign.left,<br>45     ), // Text<br>46   ), // Padding<br>47   Padding(<br>48     padding: const EdgeInsets.all(8.0),<br>49     child: Text('<br>50       Misi',<br>51       style: TextStyle(<br>52         color: Colors.black,<br>53         fontWeight: FontWeight.bold,<br>54         fontSize: 20,), // TextStyle<br>55       textAlign: TextAlign.left,<br>56     ), // Text<br>57   ), // Padding<br>58   Padding(<br>59     padding: const EdgeInsets.all(8.0),<br>60     child: Text("1. Mengjangkau seluruh kalangan masyarakat di Indonesia, mulai dari pulau Jawa, Bali, Sumatera, Kalimantan, Sulawesi, dan seluruh Indonesia<br>61     style: TextStyle(color: Colors.black),<br>62     textAlign: TextAlign.justify), // Text<br>63   ), // Padding<br>64   Padding(<br>65     padding: const EdgeInsets.all(8.0),<br>66     child: Text("2. Mengedukasi tentang tips dapur, cara memasak dsb.",<br>67     style: TextStyle(color: Colors.black),<br>68     textAlign: TextAlign.left), // Text<br>69   ), // Padding<br>70   Padding(<br>71     padding: const EdgeInsets.all(8.0),<br>72     child: Text("3. Menghasilkan waktu berkualitas untuk berkumpul bersama lewat kegiatan memasak.",<br>73     style: TextStyle(color: Colors.black),<br>74     textAlign: TextAlign.justify), // Text<br>75   ), // Padding<br>76   Padding(<br>77     padding: const EdgeInsets.all(8.0),<br>78     child: Text("4. Membuat aplikasi yang mudah digunakan dan intuitif.",<br>79     style: TextStyle(color: Colors.black),<br>80     textAlign: TextAlign.left), // Text<br>81   ), // Padding<br>82   Padding(<br>83     padding: const EdgeInsets.all(8.0),<br>84     child: Text("5. Meningkatkan keterinteraksi antara pengguna dengan komunitas makanan dan dapur.",<br>85     style: TextStyle(color: Colors.black),<br>86     textAlign: TextAlign.justify), // Text<br>87   ), // Padding<br>88 }, // Column<br>89 }, // singleChildScrollView // Container<br>90 }<br>91 }
```

2.5 Video demo running aplikasi

Berikut link video demo aplikasi E-Cooking:

<https://youtu.be/CsZhuDiNZcA>