

Tugas 7-1

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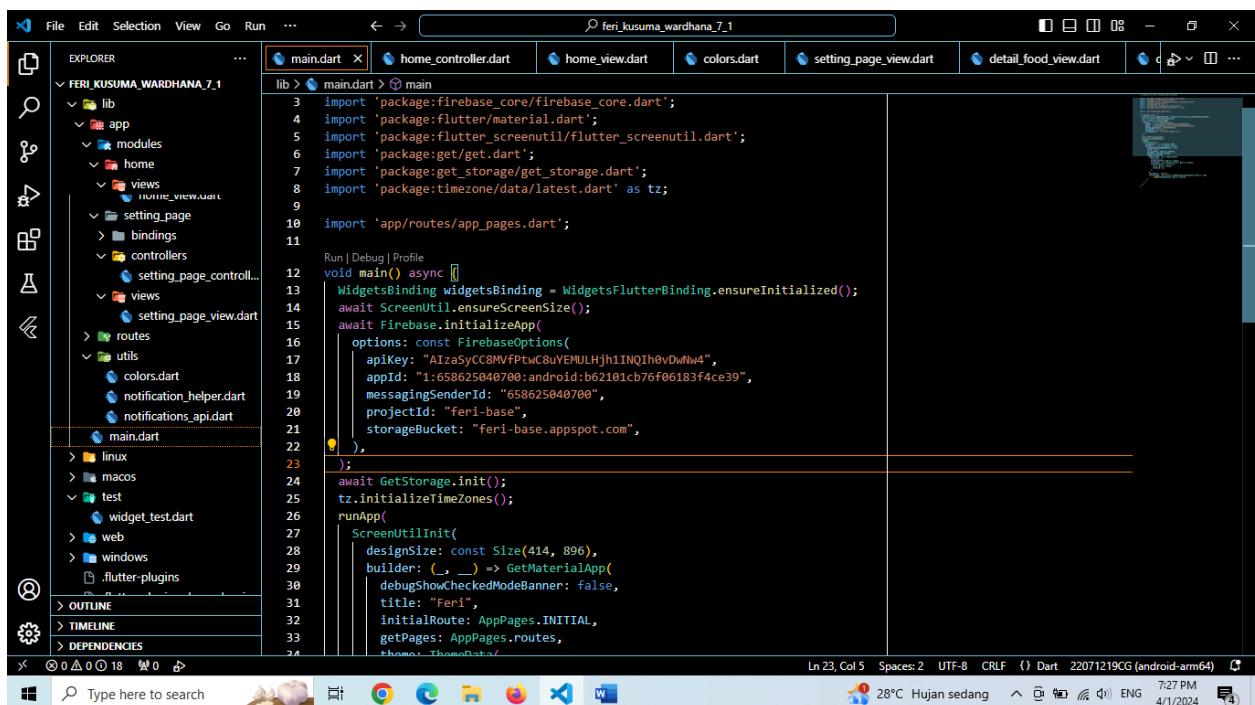
Grup : 1B

Saya telah mempersiapkan dengan kode ini ke git hub akan tetapi untuk folder build saya hapus karena file yang besar, berikut adalah linknya

Github untuk kode ini : <https://github.com/ferikw/Tugas-7-1-Feri-Kusuma-Wardhana.git>

Saya telah melakukan screenshot dari kode dan hasil tampilan dari kode yang telah saya buat , Saya telah membuat kode sesuai tugas yang ada di 7-1 , kodenya adalah sebagai berikut , saya juga sudah menambahkan font didalam kodenya , saya menggunakan font poppins , berikut adalah keseluruhan kodenya

1. Kode pada main.dart



```
lib/main.dart
3 import 'package:firebase_core/firebase_core.dart';
4 import 'package:flutter/material.dart';
5 import 'package:flutter_screenutil/flutter_screenutil.dart';
6 import 'package:get/get.dart';
7 import 'package:get_storage/get_storage.dart';
8 import 'package:intl/intl.dart' as tz;
9
10 import 'app/routes/app_pages.dart';
11
12 void main() async {
13     WidgetsBinding widgetsBinding = WidgetsFlutterBinding.ensureInitialized();
14     await ScreenUtil.ensureScreenSize();
15     await Firebase.initializeApp(
16         options: const FirebaseOptions(
17             apiKey: "AIzaSyCC8mVFPtw8uYEMULHjh1INQIh0vDwNw4",
18             appId: "1:658625040700:android:b62101cb76f06183fce39",
19             messagingSenderId: "658625040700",
20             projectId: "feri-base",
21             storageBucket: "feri-base.appspot.com",
22         ),
23     );
24     await GetStorage.init();
25     tz.initializeTimeZones();
26     runApp(
27         ScreenUtilInit(
28             designSize: const Size(414, 896),
29             builder: (_, __) => GetMaterialApp(
30                 debugShowCheckedModeBanner: false,
31                 title: "Feri",
32                 initialRoute: AppPages.INITIAL,
33                 getPages: AppPages.routes,
34             ),
35         ),
36     );
37 }
```

The screenshot shows the Android Studio interface with the main.dart file open in the editor. The code defines the main application entry point:

```
void main() async {
  WidgetsFlutterBinding.ensureInitialized();
  await GetStorage.init();
  tz.initializeTimeZones();
  runApp(
    ScreenUtilInit(
      designSize: const Size(414, 896),
      builder: (context, _) => GetMaterialApp(
        debugShowCheckedModeBanner: false,
        title: "Feri",
        initialRoute: AppPages.INITIAL,
        getPages: AppPages.routes,
        theme: ThemeData(
          appBarTheme: const AppBarTheme(
            elevation: 0,
            backgroundColor: Colors.white,
            iconTheme: IconThemeData(color: Colors.black),
            titleTextStyle: TextStyle(
              color: Colors.black,
              fontSize: 18,
            ), // TextStyle
          ), // AppBarTheme
          fontFamily: "Poppins",
          colorScheme: ColorScheme.fromSwatch(primarySwatch: Colors.red)
            .copyWith(background: Colors.white),
        ), // ThemeData
      ), // GetMaterialApp
    ), // ScreenUtilInit
  );
}
```

2. Berikut adalah kode dari food.dart yang ada di folder data

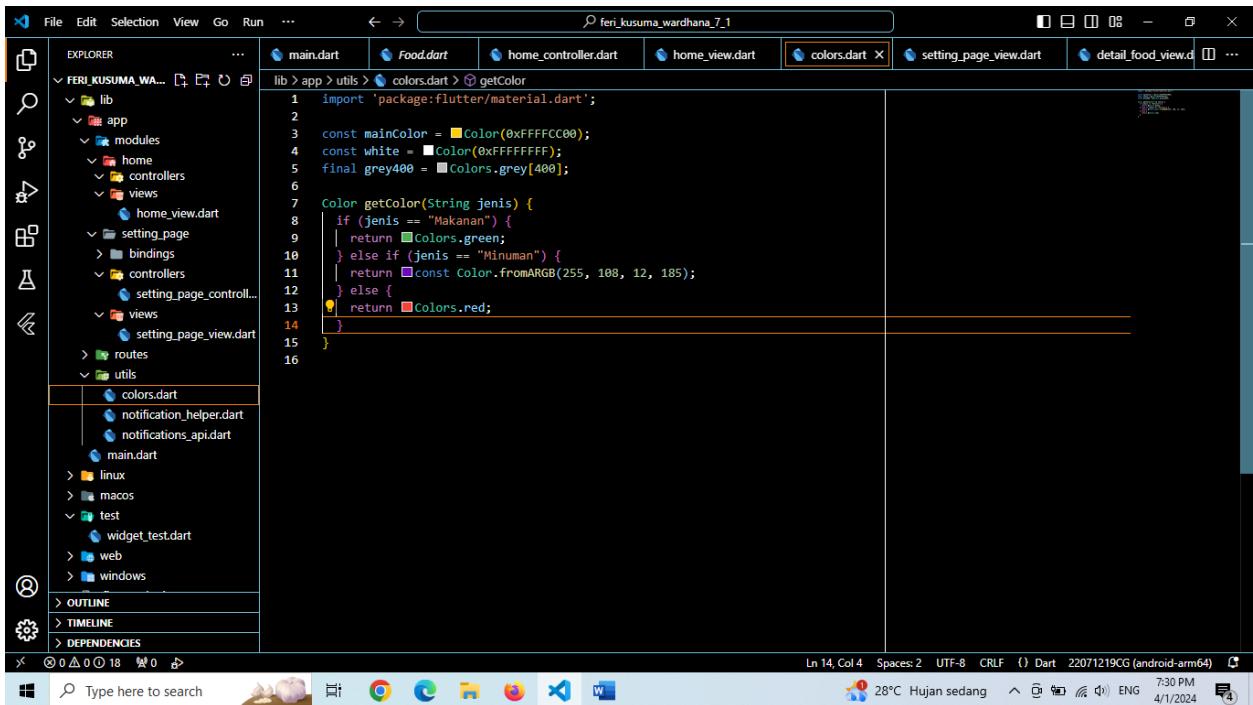
The screenshot shows the Android Studio interface with the Food.dart file open in the editor. The code defines a class named Food:

```
class Food { // The file name 'Food.dart' isn't a lower_case_with_underscores identifier. Try changing the name to ...
  final String id;
  final String nama;
  final int waktuPembuatan;
  final String deskripsi;
  final String jenis;
  final String images;
  final String resep;

  Food({
    required this.id,
    required this.nama,
    required this.waktuPembuatan,
    required this.deskripsi,
    required this.jenis,
    required this.images,
    required this.resep,
  });

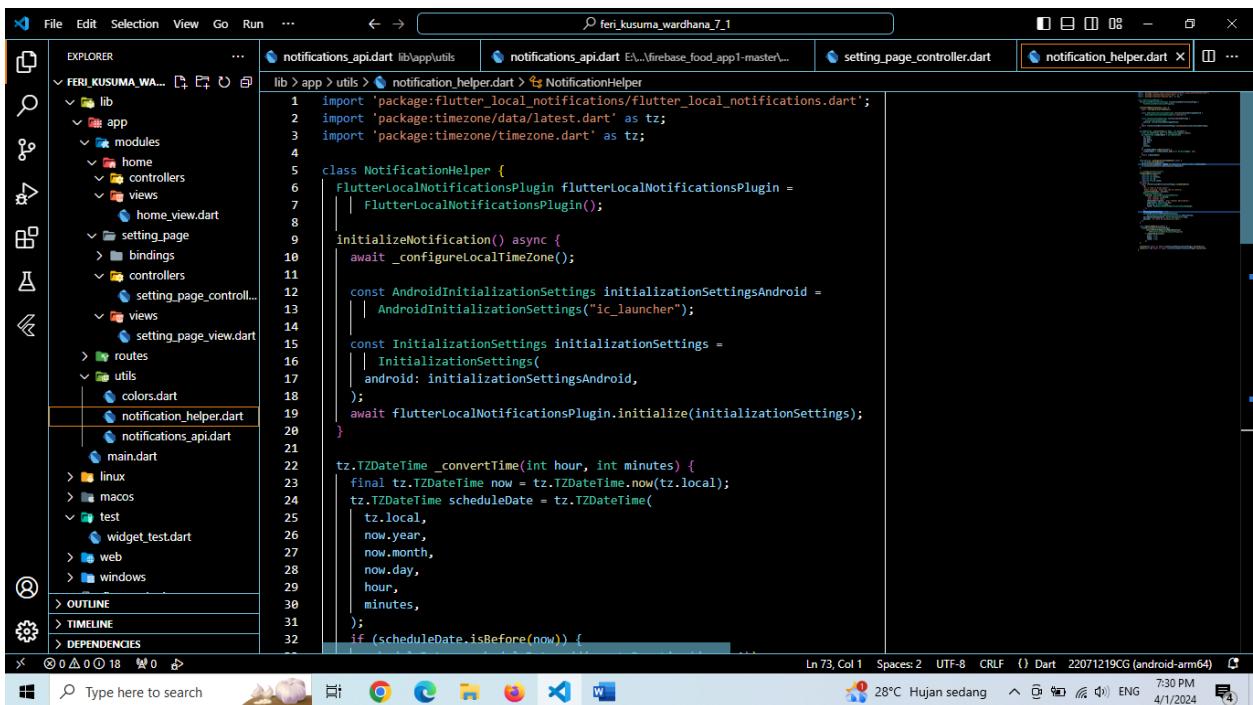
  factory Food.fromJson(Map<String, dynamic> json) {
    return Food(
      id: json['id'] as String,
      nama: json['nama'] as String,
      deskripsi: json['deskripsi'] as String,
      waktuPembuatan: json['waktu_pembuatan'] as int,
      jenis: json['jenis'] as String,
      images: json['images'] as String,
      resep: json['resep'] as String,
    );
  }
}
```

3. Berikut adalah kode colors dalam folder utils

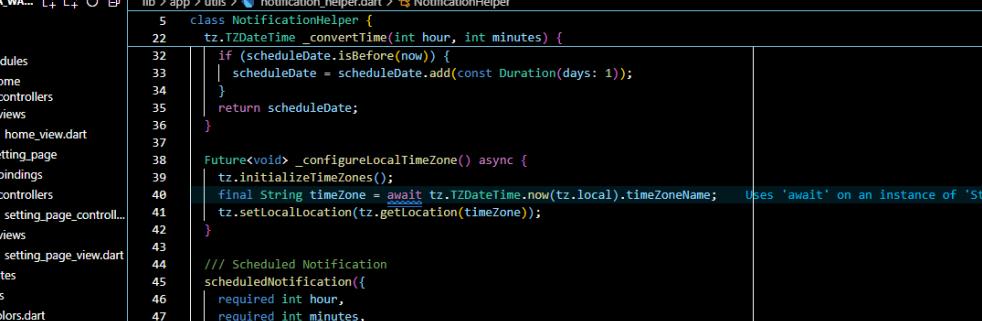


```
lib > app > utils > colors.dart > getColor
1 import 'package:flutter/material.dart';
2
3 const mainColor = Color(0xFFFFCC00);
4 const white = Color(0xFFFFFFFF);
5 final grey400 = Colors.grey[400];
6
7 Color getColor(String jenis) {
8     if (jenis == "Makanan") {
9         return Colors.green;
10    } else if (jenis == "Minuman") {
11        return const Color.fromARGB(255, 108, 12, 185);
12    } else {
13        return Colors.red;
14    }
15}
16
```

4. Berikut adalah kode dari notification_helper.dart



```
lib > app > utils > notification_helper.dart > NotificationHelper
1 import 'package:flutter_local_notifications/flutter_local_notifications.dart';
2 import 'package:timezone/data/latest.dart' as tz;
3 import 'package:timezone/timezone.dart' as tz;
4
5 class NotificationHelper {
6     FlutterLocalNotificationsPlugin flutterLocalNotificationsPlugin =
7         FlutterLocalNotificationsPlugin();
8
9     initializeNotification() async {
10         await _configureLocalTimeZone();
11
12         const AndroidInitializationSettings initializationSettingsAndroid =
13             AndroidInitializationSettings('ic_launcher');
14
15         const InitializationSettings initializationSettings =
16             InitializationSettings(
17                 android: initializationSettingsAndroid,
18             );
19         await flutterLocalNotificationsPlugin.initialize(initializationSettings);
20     }
21
22     tz.TZDateTime _convertTime(int hour, int minutes) {
23         final tz.TZDateTime now = tz.TZDateTime.now(tz.local);
24         tz.TZDateTime scheduleDate = tz.TZDateTime(
25             tz.local,
26             now.year,
27             now.month,
28             now.day,
29             hour,
30             minutes,
31         );
32         if (scheduleDate.isBefore(now)) {
```



```
class NotificationHelper {  
  tz.TZDateTime _convertTime(int hour, int minutes) {  
    if (scheduleDate.isBefore(now)) {  
      scheduleDate = scheduleDate.add(const Duration(days: 1));  
    }  
    return scheduleDate;  
  }  
  
  Future<void> _configureLocalTimeZone() async {  
    tz.initializeTimezones();  
    final String timeZone = await tz.IZonedDateTime.now(tz.local).timeZoneName;  
    tz.setLocalLocation(tz.getLocation(timeZone));  
  }  
  
  /// Scheduled Notification  
  scheduledNotification({  
    required int hour,  
    required int minutes,  
    required int id,  
    required String sound,  
  }) async {  
    await flutterLocalNotificationsPlugin.zonedSchedule(  
      id,  
      'It\'s time to drink water!',  
      'After drinking, touch the cup to confirm',  
      _convertTime(hour, minutes),  
      NotificationDetails(  
        android: AndroidNotificationDetails(  
          'your channel id $sound',  
          'your channel name',  
          channelDescription: 'your channel description',  
          importance: Importance.max,  
        ),  
      ),  
    );  
  }  
}  
}
```

```
File Edit Selection View Go Run ... ⏪ ⏪ feri_kusuma_wardhana_7_1 ⏩ ⏩
EXPLORER ...
FERI_KUSUMA_WA... lib app modules home controllers views home_view.dart setting_page.dart bindings controllers setting_page_controller... views setting_page_view.dart routes utils colors.dart notification_helper.dart notifications_api.dart main.dart linux macos test widget_test.dart web windows
OUTLINE ...
TIMELINE ...
DEPENDENCIES ...

notifications_api.dart lib/app/utils notifications_api.dart E:\Firebase_food_app1-master\... setting_page_controller.dart notification_helper.dart

lib > app > utils > notification_helper.dart > NotificationHelper
5   class NotificationHelper {
45     scheduledNotification({
58       your_channel_id, sound,
59       your_channel_name,
60       channelDescription: 'your channel description',
61       importance: Importance.max,
62       priority: Priority.high,
63       sound: RawResourceAndroidNotificationSound(sound),
64     ), // AndroidNotificationDetails
65   }, // NotificationDetails
66   androidAllowWhileIdle: true, 'androidAllowWhileIdle' is deprecated and shouldn't be used. Deprecated in fa
67   uiLocalNotificationDateInterpretation:
68   | | UILocalNotificationDateInterpretation.absoluteTime,
69   matchDateTimeComponents: DateTimeComponents.time,
70   payload: 'It could be anything you pass',
71 );
72 }
73

void requestIOSPermissions() {
74   flutterLocalNotificationsPlugin
75   | .resolvePlatformSpecificImplementation<
76   | | IOSFlutterLocalNotificationsPlugin>()
77   ?.requestPermissions(
78     alert: true,
79     badge: true,
80     sound: true,
81   );
82
83 }

cancelAll() async => await flutterLocalNotificationsPlugin.cancelAll();
cancel(int id) async => await flutterLocalNotificationsPlugin.cancel(id);
84
85
86
87
88
```

3. Berikut adalah kode dari notification api di folder utils

```
FERI KUSUMA WA... notifications_api.dart setting_page_controller.dart notification_helper.dart add_food_view.dart add_f...  
EXPLORER lib app modules detail_food views detail_food_view.dart home bindings controllers home_controller.dart views home_view.dart setting_page bindings controllers setting_page_controller.dart views setting_page_view.dart routes utils colors.dart notification_helper.dart notifications_api.dart main.dart linux  
detail_food_controller.dart notifications_api.dart NotificationApi scheduledNotification  
lib > app > utils > notifications_api.dart > NotificationApi > scheduledNotification  
3 import 'package:flutter_local_notifications/flutter_local_notifications.dart';  
4 import 'package:timezone/timezone.dart' as tz;  
5  
6 class NotificationApi {  
7     static final _notifications = FlutterLocalNotificationsPlugin();  
8  
9     static Future init() async {  
10        const AndroidInitializationSettings androidSettings =  
11            AndroidInitializationSettings('@mipmap/ic_launcher');  
12        const InitializationSettings settings = InitializationSettings(  
13            android: androidSettings,  
14        );  
15        await _notifications.initialize(  
16            settings,  
17        );  
18    }  
19  
20    static Future<NotificationDetails> notificationsDetail() async {  
21        return const NotificationDetails(  
22            android: AndroidNotificationDetails(  
23                'channel id',  
24                'channel name',  
25                channelDescription: 'channel description',  
26                importance: Importance.max,  
27                priority: Priority.high,  
28                showWhen: false,  
29            ), // AndroidNotificationDetails  
30        ); // NotificationDetails  
31    }  
32  
33    static Future showNotification({  
34        required int id,  
35        required String title,  
36        required String body,  
37        required String payload,  
38    }) =>  
39        _notifications.show(  
40            id,  
41            title,  
42            body,  
43            const NotificationDetails(  
44                android: AndroidNotificationDetails(  
45                    'channel id',  
46                    'channel name',  
47                    channelDescription: 'channel description',  
48                    importance: Importance.max,  
49                    priority: Priority.high,  
50                    showWhen: false,  
51                ), // AndroidNotificationDetails  
52            ), // NotificationDetails  
53            payload: payload,  
54        );  
55  
56    static Future cancelNotification(int id) => _notifications.cancel(id);  
57    static Future cancelAllNotification() => _notifications.cancelAll();  
58    static Future cancelNotificationByTag(String tag) =>  
59        _notifications.cancel(0, tag: tag);  
60  
61    static Future scheduledNotification({  
62        required int id,  
63        required String title,  
64        required String body,  
65        required String payload,  
66        required String tag,  
67        required String time,  
68    }) =>  
69        _notifications.scheduleNotification(  
70            id,  
71            title,  
72            body,  
73            payload:  
74            payload,  
75            android: AndroidNotificationDetails(  
76                'channel id',  
77                'channel name',  
78                channelDescription: 'channel description',  
79                importance: Importance.max,  
80                priority: Priority.high,  
81                showWhen: false,  
82            ), // AndroidNotificationDetails  
83            tag:  
84            tag,  
85            time:  
86            time,  
87        );  
88  
89    static Future cancelScheduledNotification(int id) =>  
90        _notifications.cancel(id);  
91  
92    static Future cancelAllScheduledNotification() =>  
93        _notifications.cancelAll();  
94  
Ln 94, Col 5 Spaces: 2 UTF-8 CRLF () Dart 22071219CG (android-arm64)  
Type here to search 28°C Badai Petir 8:10 PM ENG 4/1/2024
```

```
FERI KUSUMA WA... notifications_api.dart setting_page_controller.dart notification_helper.dart add_food_view.dart add_f...  
EXPLORER lib app modules detail_food views detail_food_view.dart home bindings controllers home_controller.dart views home_view.dart setting_page bindings controllers setting_page_controller.dart views setting_page_view.dart routes utils colors.dart notification_helper.dart notifications_api.dart main.dart linux  
detail_food_controller.dart notifications_api.dart NotificationApi scheduledNotification  
lib > app > utils > notifications_api.dart > NotificationApi > scheduledNotification  
6 class NotificationApi {  
32  
33    static Future showNotification({  
34        required int id,  
35        required String title,  
36        required String body,  
37        required String payload,  
38    }) =>  
39        _notifications.show(  
40            id,  
41            title,  
42            body,  
43            const NotificationDetails(  
44                android: AndroidNotificationDetails(  
45                    'channel id',  
46                    'channel name',  
47                    channelDescription: 'channel description',  
48                    importance: Importance.max,  
49                    priority: Priority.high,  
50                    showWhen: false,  
51                ), // AndroidNotificationDetails  
52            ), // NotificationDetails  
53            payload: payload,  
54        );  
55  
56    static Future cancelNotification(int id) => _notifications.cancel(id);  
57    static Future cancelAllNotification() => _notifications.cancelAll();  
58    static Future cancelNotificationByTag(String tag) =>  
59        _notifications.cancel(0, tag: tag);  
60  
61    static Future scheduledNotification({  
62        required int id,  
63        required String title,  
64        required String body,  
65        required String payload,  
66        required String tag,  
67        required String time,  
68    }) =>  
69        _notifications.scheduleNotification(  
70            id,  
71            title,  
72            body,  
73            payload:  
74            payload,  
75            android: AndroidNotificationDetails(  
76                'channel id',  
77                'channel name',  
78                channelDescription: 'channel description',  
79                importance: Importance.max,  
80                priority: Priority.high,  
81                showWhen: false,  
82            ), // AndroidNotificationDetails  
83            tag:  
84            tag,  
85            time:  
86            time,  
87        );  
88  
89    static Future cancelScheduledNotification(int id) =>  
90        _notifications.cancel(id);  
91  
92    static Future cancelAllScheduledNotification() =>  
93        _notifications.cancelAll();  
94  
Ln 94, Col 5 Spaces: 2 UTF-8 CRLF () Dart 22071219CG (android-arm64)  
Type here to search 28°C Badai Petir 8:10 PM ENG 4/1/2024
```

The screenshot shows a code editor window with the file `notifications_api.dart` open. The code defines a class `NotificationApi` with a static method `scheduledNotification`. This method takes parameters for channel ID, name, description, importance, priority, and showWhen. It then creates a `NotificationDetails` object with specific details like month, day, hour, and minute. It checks if the scheduled date is before the current date and adds one day if it is. Finally, it uses `_notifications.zonedSchedule` to schedule the notification with the specified details.

```
6   class NotificationApi {
61     static Future scheduledNotification({
62       required String id,
63       required String title,
64       required String body,
65       required String payload,
66       required int hour,
67       required int minute,
68     }) async {
69       var androidPlatformChannelSpecifics = AndroidNotificationDetails(
70         'channel id',
71         'channel name',
72         channelDescription: 'channel description',
73         importance: Importance.max,
74         priority: Priority.high,
75         showWhen: false,
76     );
77     var platformChannelSpecifics =
78       | NotificationDetails(android: androidPlatformChannelSpecifics);
79
80     var now = tz.TZDateTime.now(tz.local);
81     var scheduledDate = tz.TZDateTime(
82       tz.local,
83       now.year,
84       now.month,
85       now.day,
86       hour,
87       minute,
88     );
89
90     if (scheduledDate.isBefore(now)) {
91       scheduledDate = scheduledDate.add(const Duration(days: 1));
92     }
93
94     await _notifications.zonedSchedule(
95       id,
96       title,
97       body,
98       scheduledDate,
99       await notificationsDetail(),
100      androidAllowWhileIdle: true,
101      uiLocalNotificationDateInterpretation:
102        | UILocalNotificationDateInterpretation.absoluteTime,
103      payload: payload,
104      matchDateTimeComponents: DateTimeComponents.time,
105    );
106  }
107}
108}
```

This screenshot shows the continuation of the code from the previous editor. The method `scheduledNotification` is completed, showing the full implementation of scheduling the notification using the `_notifications.zonedSchedule` method with all its parameters and logic.

```
6   class NotificationApi {
61     static Future scheduledNotification({
62       required String id,
63       required String title,
64       required String body,
65       required String payload,
66       required int hour,
67       required int minute,
68     }) async {
69       var androidPlatformChannelSpecifics = AndroidNotificationDetails(
70         'channel id',
71         'channel name',
72         channelDescription: 'channel description',
73         importance: Importance.max,
74         priority: Priority.high,
75         showWhen: false,
76     );
77     var platformChannelSpecifics =
78       | NotificationDetails(android: androidPlatformChannelSpecifics);
79
80     var now = tz.TZDateTime.now(tz.local);
81     var scheduledDate = tz.TZDateTime(
82       tz.local,
83       now.year,
84       now.month,
85       now.day,
86       hour,
87       minute,
88     );
89
90     if (scheduledDate.isBefore(now)) {
91       scheduledDate = scheduledDate.add(const Duration(days: 1));
92     }
93
94     await _notifications.zonedSchedule(
95       id,
96       title,
97       body,
98       scheduledDate,
99       await notificationsDetail(),
100      androidAllowWhileIdle: true,
101      uiLocalNotificationDateInterpretation:
102        | UILocalNotificationDateInterpretation.absoluteTime,
103      payload: payload,
104      matchDateTimeComponents: DateTimeComponents.time,
105    );
106  }
107}
108}
```

5. Berikut adalah kode dari home view

```

File Edit Selection View Go Run ... ⏪ ⏹ feri_kusuma_wardhana_7.1
EXPLORER lib home_controller.dart home_view.dart colors.dart setting_page_view.dart detail_food_view.dart detail_food_controller.dart ...
lib > app > modules > home > views > home_view.dart > HomeView > build
1 import 'package:cached_network_image/cached_network_image.dart';
2 import 'package:feri_kusuma_wardhana_7.1/app/data/Food.dart';
3 import 'package:feri_kusuma_wardhana_7.1/app/routes/app_pages.dart';
4 import 'package:feri_kusuma_wardhana_7.1/app/utils/colors.dart';
5 import 'package:flutter/material.dart';
6 import 'package:flutter/services.dart';
7 import 'package:flutter_screenutil/flutter_screenutil.dart';
8 import 'package:get/get.dart';
9
10 import '../controllers/home_controller.dart';
11
12 class HomeView extends GetView<HomeController> {
13   const HomeView({Key? key}) : super(key: key); // Convert 'key' to a super parameter.
14
15   @override
16   Widget build(BuildContext context) {
17     SystemChrome.setSystemUIOverlayStyle(
18       const SystemUiOverlayStyle(
19         statusBarColor: Colors.transparent,
20         statusBarIconBrightness: Brightness.dark,
21       ),
22     );
23     return Scaffold(
24       backgroundColor: Colors.white,
25       appBar: PreferredSize(
26         preferredSize: Size.fromHeight(60.h),
27         child: AppBar(
28           elevation: 0,
29           backgroundColor: Colors.white,
30           flexibleSpace: SafeArea(
31             child: Row(
32               mainAxisSize: MainAxisSize.spaceBetween,
33             ),
34           ),
35           child: GestureDetector(
36             onTap: () {
37               showSearch(
38                 context: context,
39                 delegate: HomeSearchDelegate(controller));
40             },
41           ),
42           child: Container(
43             decoration: BoxDecoration(
44               color: Colors.grey[100],
45               borderRadius: BorderRadius.circular(
46                 ScreenUtil().setWidth(10),
47               ), // BorderRadius.circular
48             ), // BoxDecoration
49             child: GestureDetector(
50               onTap: () {},
51               child: Row(
52                 children: [
53                   Icon(
54                     Icons.search,
55                     size: 18.r,
56                     color: Colors.grey[500],
57                   ), // Icon
58                   20.horizontalSpace,
59                   Text(
60                     "Search",
61                     style: TextStyle(fontSize: 12.sp),
62                   ), // Text
63                 ],
64               ),
65             ),
66           ),
67         ),
68       ),
69     );
70   }
71 }

```

Ln 96, Col 21 Spaces: 2 UTF-8 LF () Dart 22071219CG (android-arm64)

Type here to search

File Edit Selection View Go Run ... ⏪ ⏹ feri_kusuma_wardhana_7.1

EXPLORER lib home_controller.dart home_view.dart colors.dart setting_page_view.dart detail_food_view.dart detail_food_controller.dart ...

lib > app > modules > home > views > home_view.dart > HomeView > build

```

12 class HomeView extends GetView<HomeController> {
16   Widget build(BuildContext context) {
34   },
35   child: GestureDetector(
36     onTap: () {
37       showSearch(
38         context: context,
39         delegate: HomeSearchDelegate(controller));
40     },
41   ),
42   child: Container(
43     decoration: BoxDecoration(
44       color: Colors.grey[100],
45       borderRadius: BorderRadius.circular(
46         ScreenUtil().setWidth(10),
47       ), // BorderRadius.circular
48     ), // BoxDecoration
49     child: GestureDetector(
50       onTap: () {},
51       child: Row(
52         children: [
53           Icon(
54             Icons.search,
55             size: 18.r,
56             color: Colors.grey[500],
57           ), // Icon
58           20.horizontalSpace,
59           Text(
60             "Search",
61             style: TextStyle(fontSize: 12.sp),
62           ), // Text
63         ],
64       ),
65     ),
66   ),
67 },
68

```

Ln 96, Col 21 Spaces: 2 UTF-8 LF () Dart 22071219CG (android-arm64)

Type here to search

This screenshot shows a code editor interface with the file `home_view.dart` open. The code defines a `HomeView` class that extends `GetView<HomeController>`. The `build` method creates a `Widget` tree. It starts with a `SafeArea`, followed by an `AppBar` with a floating action button. The main body is a `Column` with horizontal and main axis alignments. It contains a `Text` for "Katalog Resep Makanan Feri" and a `IconButton` with a `const Icon(Icons.add)`. There is a warning in the code editor about the `Icon` argument being passed to the `IconButton` constructor.

```
lib > app > modules > home > views > home_view.dart > HomeView > build
12 class HomeView extends GetView<HomeController> {
16   Widget build(BuildContext context) {
64     return Scaffold(
65       body: Column(
66         mainAxisAlignment: MainAxisAlignment.start,
67         crossAxisAlignment: CrossAxisAlignment.start,
68         children: [
69           SafeArea(
70             child: AppBar(
71               floatingActionButton: FloatingActionButton(
72                 onPressed: () {
73                   Get.toNamed(Routes.ADD_FOOD);
74                 },
75                 child: const Icon(Icons.add),
76               ),
77             ),
78           ),
79         ],
80       ),
81     );
82   }
83 }
84 
```

This screenshot shows the same code editor with the file `home_view.dart` open. The code has been modified to include a `SingleChildScrollView` as a child of the `Column`. Inside the `SingleChildScrollView`, there is a `Row` with a `Flexible` child containing an `Obx` widget. The `Obx` widget uses a `StreamBuilder` to build a `List<Food>` from a controller's stream. The `buttonText` of each item in the list is checked against the `controller.selectedValueIndex.value`.

```
lib > app > modules > home > views > home_view.dart > HomeView > build
12 class HomeView extends GetView<HomeController> {
16   Widget build(BuildContext context) {
94     return Scaffold(
95       body: Column(
96         mainAxisAlignment: MainAxisAlignment.start,
97         crossAxisAlignment: CrossAxisAlignment.start,
98         children: [
99           SafeArea(
100             child: AppBar(
101               floatingActionButton: FloatingActionButton(
102                 onPressed: () {
103                   Get.toNamed(Routes.SETTING_PAGE);
104                 },
105                 icon: const Icon(
106                   Icons.settings,
107                   color: Colors.green,
108                 ),
109               ),
110             ),
111           ),
112           SingleChildScrollView(
113             scrollDirection: Axis.horizontal,
114             child: Row(
115               children: [
116                 Flexible(
117                   child: Obx(
118                     () => StreamBuilder<List<Food>>(
119                       stream: controller.readRecipe(controller
120                         .buttonText[controller.selectedValueIndex.value]),
121                         builder: (context, snapshot) {
122                           ...
123                         },
124                     ),
125                   ),
126                 ),
127               ],
128             ),
129           ),
130         ],
131       ),
132     );
133   }
134 }
```

The screenshot shows a Dart code editor interface with the following details:

- File Path:** lib > app > modules > home > views > home_view.dart
- Class:** HomeView
- Implementation:** Extends GetView<HomeController>
- Code Snippet:**

```
12 class HomeView extends GetView<HomeController> {
13   Widget build(BuildContext context) {
14     if (snapshot.connectionState == ConnectionState.waiting) {
15       return const Center(
16         child: CircularProgressIndicator(),
17       ); // Center
18     }
19     if (snapshot.hasError) {
20       return const Center(
21         child: Text("Error"),
22       ); // Center
23     }
24     if (snapshot.hasData) {
25       return GridView.builder(
26         shrinkWrap: true,
27         gridDelegate: SliverGridDelegateWithFixedCrossAxisCount(
28           mainAxisSpacing: 10.h,
29           crossAxisSpacing: 10.h,
30           crossAxisCount: 2,
31           childAspectRatio: 0.95,
32         ), // SliverGridDelegateWithFixedCrossAxisCount
33         itemBuilder: (_, index) => GestureDetector(
34           onTap: () {
35             Get.toNamed(Routes.DETAIL_FOOD,
36             arguments: snapshot.data![index]);
37           },
38           child: Container(
39             decoration: BoxDecoration(
40               color: Colors.white,
41               borderRadius: BorderRadius.circular(
42                 ScreenUtil().setWidth(10),
43               ), // BorderRadius.circular
44             ),
45             child: Column(
46               crossAxisAlignment: CrossAxisAlignment.start,
47               children: [
48                 ClipRect(
49                   borderRadius: BorderRadius.only(
50                     topLeft: Radius.circular(
51                       ScreenUtil().setWidth(10),
52                     ), // Radius.circular
53                     topRight: Radius.circular(
54                       ScreenUtil().setWidth(10),
55                     ), // Radius.circular
56                     bottomLeft: Radius.circular(
57                       ScreenUtil().setWidth(10),
58                     ), // Radius.circular
59                     bottomRight: Radius.circular(
60                       ScreenUtil().setWidth(10),
61                     ), // Radius.circular
62                   ),
63                   child: CachedNetworkImage(
64                     imageUrl:
65                     snapshot.data?[index].images ?? "",
66                     height: 100.h,
67                     width: 200.w,
68                     fit: BoxFit.cover,
69                     errorWidget: (context, url, error) =>
70                     const Icon(Icons.error),
71                   ), // CachedNetworkImage
72                 ), // ClipRect
73                 Flexible(
74                   child: Column(
75                     ...
76                   ),
77                 ),
78               ],
79             ),
80           ),
81         ),
82       );
83     }
84   }
85 }
```

- Editor Status:** Ln 96, Col 21, Spaces: 2, UTF-8, LF, Dart 22071219CG (android-arm64)
- System Information:** 26°C Badai Petir, 8:19 PM, ENG, 4/1/2024

The screenshot shows a Dart code editor interface with the following details:

- File Path:** lib > app > modules > home > views > home_view.dart
- Class:** HomeView
- Implementation:** Extends GetView<HomeController>
- Code Snippet:**

```
12 class HomeView extends GetView<HomeController> {
13   Widget build(BuildContext context) {
14     if (snapshot.connectionState == ConnectionState.waiting) {
15       return const Center(
16         child: CircularProgressIndicator(),
17       ); // Center
18     }
19     if (snapshot.hasError) {
20       return const Center(
21         child: Text("Error"),
22       ); // Center
23     }
24     if (snapshot.hasData) {
25       return GridView.builder(
26         shrinkWrap: true,
27         gridDelegate: SliverGridDelegateWithFixedCrossAxisCount(
28           mainAxisSpacing: 10.h,
29           crossAxisSpacing: 10.h,
30           crossAxisCount: 2,
31           childAspectRatio: 0.95,
32         ), // SliverGridDelegateWithFixedCrossAxisCount
33         itemBuilder: (_, index) => GestureDetector(
34           onTap: () {
35             Get.toNamed(Routes.DETAIL_FOOD,
36             arguments: snapshot.data![index]);
37           },
38           child: Container(
39             decoration: BoxDecoration(
40               color: Colors.white,
41               border: Border.all(
42                 color: Colors.grey[300]!,
43                 width: 1.h,
44               ), // Border.all
45               child: Column(
46                 crossAxisAlignment: CrossAxisAlignment.start,
47                 children: [
48                   ClipRect(
49                     borderRadius: BorderRadius.only(
50                       topLeft: Radius.circular(
51                         ScreenUtil().setWidth(10),
52                         ), // Radius.circular
53                         topRight: Radius.circular(
54                           ScreenUtil().setWidth(10),
55                         ), // Radius.circular
56                         bottomLeft: Radius.circular(
57                           ScreenUtil().setWidth(10),
58                         ), // Radius.circular
59                         bottomRight: Radius.circular(
60                           ScreenUtil().setWidth(10),
61                         ), // Radius.circular
62                   ),
63                   child: CachedNetworkImage(
64                     imageUrl:
65                     snapshot.data?[index].images ?? "",
66                     height: 100.h,
67                     width: 200.w,
68                     fit: BoxFit.cover,
69                     errorWidget: (context, url, error) =>
70                     const Icon(Icons.error),
71                   ), // CachedNetworkImage
72                 ), // ClipRect
73                 Flexible(
74                   child: Column(
75                     ...
76                   ),
77                 ),
78               ],
79             ),
80           ),
81         ),
82       );
83     }
84   }
85 }
```

- Editor Status:** Ln 96, Col 21, Spaces: 2, UTF-8, LF, Dart 22071219CG (android-arm64)
- System Information:** Besok hujan, 8:19 PM, ENG, 4/1/2024

```
File Edit Selection View Go Run ... feri_kusuma_wardhana_7_1
EXPLORER ... home_controller.dart home_view.dart colors.dart setting_page_view.dart detail_food_view.dart detail_food_controller.dart ...
lib > app > modules > home > views > home_view.dart > HomeView > build
12 class HomeView extends GetView<HomeController> {
16   Widget build(BuildContext context) {
182     child: Column(
183       crossAxisAlignment: CrossAxisAlignment.start,
184       mainAxisAlignment: MainAxisAlignment.spaceEvenly,
185       mainAxisSize: MainAxisSize.min,
186       children: [
187         Text(
188           snapshot.data?[index].nama ?? "",
189           style: const TextStyle(
190             fontWeight: FontWeight.bold,
191           ), // TextStyle
192         ), // Text
193         const Spacer(),
194         Row(
195           mainAxisAlignment: MainAxisAlignment.spaceBetween,
196           children: [
197             Row(
198               mainAxisAlignment: MainAxisAlignment.spaceBetween,
199               children: [
200                 Icon(
201                   Icons.alarm,
202                   color: Colors.grey[600],
203                 ), // Icon
204                 5.horizontalSpace,
205                 Text(
206                   "${snapshot.data?[index].waktuPembuatan.toString()} menit",
207                   style: TextStyle(
208                     fontSize: ScreenUtil().setSp(12),
209                     fontWeight: FontWeight.w500,
210                   ), // TextStyle
211                 ), // Text
212               ], // Row
213             Container(
214               padding: EdgeInsets.symmetric(
215                 horizontal: 5.r,
216                 vertical: 5.r,
217               ), // EdgeInsets.symmetric
218               height: 20.h,
219               decoration: BoxDecoration(
220                 borderRadius: BorderRadius.all(
221                   Radius.circular(5.r),
222                 ), // BorderRadius.all
223                 color: getColor(snapshot
224                   .data?[index].jenis ??
225                   ""), // BoxDecoration
226               child: Text(
227                 "${snapshot.data?[index].jenis}",
228                 style: TextStyle(
229                   fontSize: 9.sp,
230                   color: Colors.white,
231                 ), // TextStyle
232               ), // Container
233             ), // Row
234           ], // Row
235         ), // VerticalSpace
236       ], // Column
237     ), // Container
238   }, // build
239 } // HomeView
```

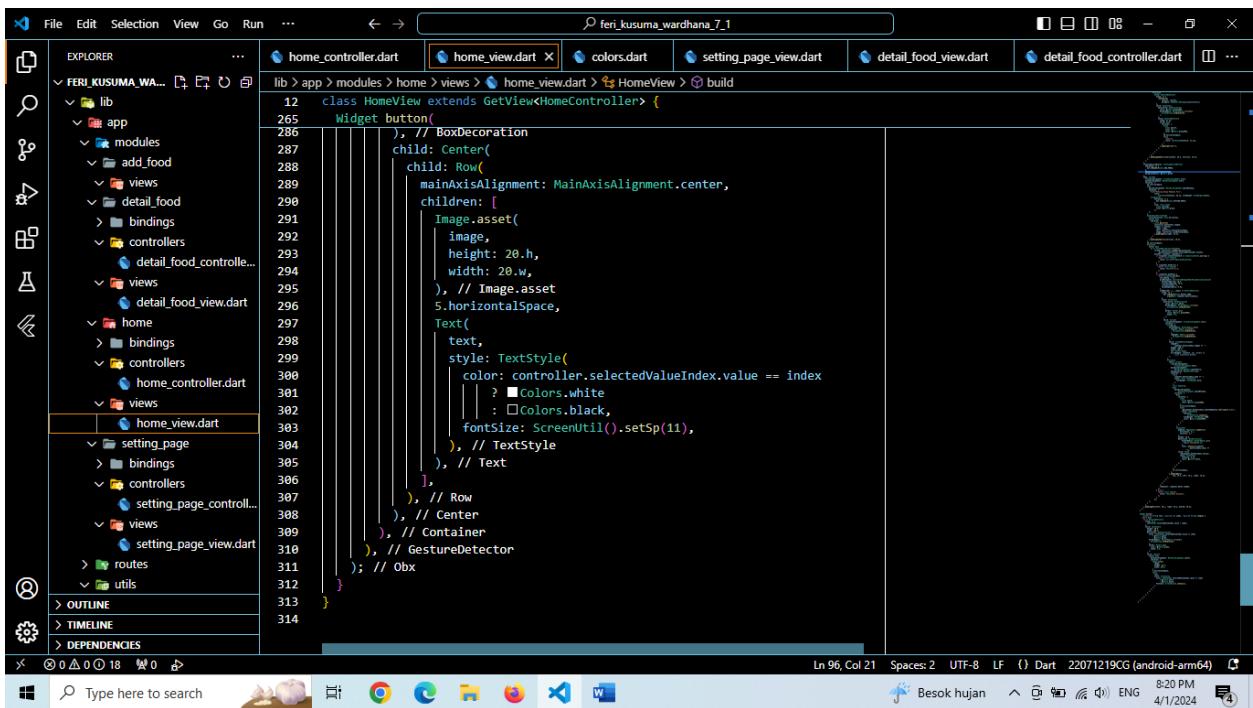
```
File Edit Selection View Go Run ... feri_kusuma_wardhana_7_1
EXPLORER ... home_controller.dart home_view.dart colors.dart setting_page_view.dart detail_food_view.dart detail_food_controller.dart ...
lib > app > modules > home > views > home_view.dart > HomeView > build
12 class HomeView extends GetView<HomeController> {
16   Widget build(BuildContext context) {
212     child: Column(
213       crossAxisAlignment: CrossAxisAlignment.start,
214       mainAxisAlignment: MainAxisAlignment.spaceEvenly,
215       mainAxisSize: MainAxisSize.min,
216       children: [
217         Text(
218           snapshot.data?[index].nama ?? "",
219           style: const TextStyle(
220             fontWeight: FontWeight.w500,
221             color: Colors.grey[600],
222           ), // TextStyle
223         ), // Text
224         const Spacer(),
225         Row(
226           mainAxisAlignment: MainAxisAlignment.spaceBetween,
227           children: [
228             Row(
229               mainAxisAlignment: MainAxisAlignment.spaceBetween,
230               children: [
231                 Icon(
232                   Icons.alarm,
233                   color: Colors.grey[600],
234                 ), // Icon
235                 5.horizontalSpace,
236                 Text(
237                   "${snapshot.data?[index].waktuPembuatan.toString()} menit",
238                   style: TextStyle(
239                     fontSize: 9.sp,
240                     color: Colors.white,
241                   ), // TextStyle
242               ), // Text
243             ], // Row
244             Container(
245               padding: EdgeInsets.symmetric(
246                 horizontal: 5.r,
247                 vertical: 5.r,
248               ), // EdgeInsets.symmetric
249               height: 20.h,
250               decoration: BoxDecoration(
251                 borderRadius: BorderRadius.all(
252                   Radius.circular(5.r),
253                 ), // BorderRadius.all
254                 color: getColor(snapshot
255                   .data?[index].jenis ??
256                   ""), // BoxDecoration
257               child: Text(
258                 "${snapshot.data?[index].jenis}",
259                 style: TextStyle(
260                   fontSize: 9.sp,
261                   color: Colors.white,
262                 ), // TextStyle
263               ), // Container
264             ), // Row
265           ], // Row
266         ), // VerticalSpace
267       ], // Column
268     ), // Container
269   }, // build
270 } // HomeView
```

```
class HomeView extends GetView<HomeController> {
    Widget build(BuildContext context) {
        return Scaffold(
            body: StreamBuilder(
                stream: controller.stream,
                builder: (context, snapshot) {
                    if (snapshot.data == null || snapshot.data.length == 0) {
                        return Center(
                            child: Text("Data Kosong"),
                        );
                    } else {
                        return ListView.builder(
                            itemCount: snapshot.data.length,
                            itemBuilder: (context, index) {
                                return Container(
                                    padding: EdgeInsets.only(left: 20.w, right: 20.w, bottom: 20.h),
                                    child: Column(
                                        children: [
                                            Flexible(
                                                child: Obx(
                                                    () => GestureDetector(
                                                        onTap: () {
                                                            controller.selectedValueIndex.value = index;
                                                        }
                                                    )
                                                )
                                            ),
                                            Flexible(
                                                child: Obx(
                                                    () => GestureDetector(
                                                        onTap: () {
                                                            controller.selectedValueIndex.value = index;
                                                        }
                                                    )
                                                )
                                            )
                                        ],
                                    ),
                                );
                            },
                        );
                    }
                }
            ),
        );
    }
}

Widget button(
    {required String text, required int index, required String image}) {
    return Obx(
        () => GestureDetector(
            onTap: () {
                controller.selectedValueIndex.value = index;
            }
        )
    );
}
```

The screenshot shows a Dart code editor interface with the following details:

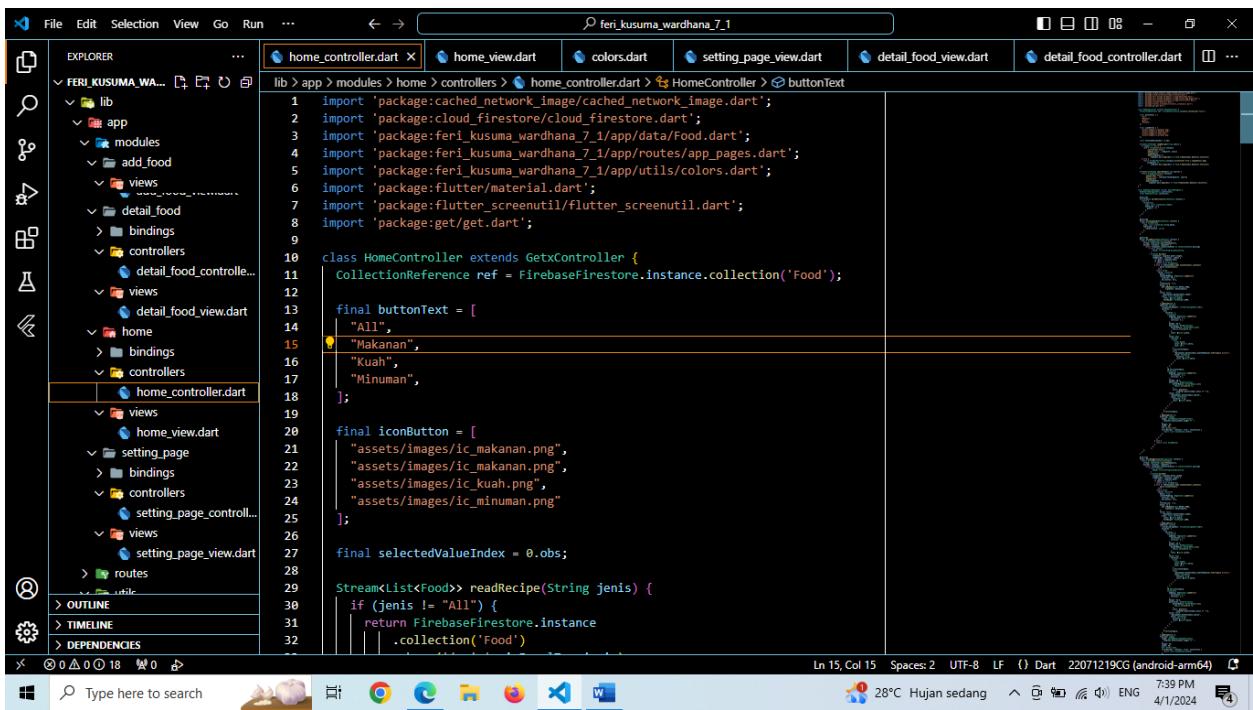
- File Explorer:** On the left, it lists the project structure under "FERI_KUSUMA_WA...". The "home_view.dart" file is currently selected.
- Search Bar:** At the top center, it displays the search term "feri_kusuma_wardhana_7_1".
- Code Editor:** The main area shows the implementation of the `HomeView` class. The code uses `GetX` for state management, specifically the `GetView` and `HomeController`.
- Code Snippet:** The code defines a `Widget button` which contains a `Container` with various styling properties like height, width, decoration, and border radius. It also includes `Image.asset` for icons and `Text` for labels.
- Toolbars and Status Bar:** The bottom of the screen features a toolbar with icons for file operations, a search bar, and a status bar showing "Ln 96, Col 21", "Spaces: 2", "UTF-8", "LF", "Dart", "22071219CG (android-arm64)", and a timestamp "8:20 PM 4/1/2024".



```
lib > app > modules > home > views > home_view.dart > HomeView > build
12   class HomeView extends GetView<HomeController> {
265     Widget button(
286       ), // BoxDecoration
287       child: Center(
288         child: Row(
289           mainAxisAlignment: MainAxisAlignment.center,
290           children: [
291             Image.asset(
292               image,
293               height: 20.h,
294               width: 20.w,
295             ), // Image.asset
296             SizedBox(
297               horizontalSpace,
298             ),
299             Text(
300               text,
301               style: TextStyle(
302                 color: controller.selectedIndex.value == index
303                   ? Colors.white
304                   : Colors.black,
305                 fontSize: ScreenUtil().setSp(11),
306               ), // TextStyle
307             ),
308             ],
309           ), // Row
310           ), // Center
311           ), // Container
312           ), // GestureDetector
313         ); // Obx
314       }

```

6. Berikut adalah kode dari home controller



```
lib > app > controllers > home_controller.dart > HomeController > buttonText
1 import 'package:cached_network_image/cached_network_image.dart';
2 import 'package:cloud_firestore/cloud_firestore.dart';
3 import 'package:feri_kusuma_wardhana_7_1/app/data/Food.dart';
4 import 'package:feri_kusuma_wardhana_7_1/app/routes/app_pages.dart';
5 import 'package:feri_kusuma_wardhana_7_1/app/utils/colors.dart';
6 import 'package:flutter/material.dart';
7 import 'package:flutter_screenutil/flutter_screenutil.dart';
8 import 'package:get/get.dart';
9
10 class HomeController extends GetxController {
11   CollectionReference ref = FirebaseFirestore.instance.collection('Food');
12
13   final buttonText = [
14     "All",
15     "Makanan",
16     "Kuah",
17     "Minuman",
18   ];
19
20   final iconButton = [
21     "assets/images/ic_makanan.png",
22     "assets/images/ic_makanan.png",
23     "assets/images/ic_kuah.png",
24     "assets/images/ic_minuman.png"
25   ];
26
27   final selectedIndex = 0.obs;
28
29   Stream<Food> readRecipe(String jenis) {
30     if (jenis != "All") {
31       return FirebaseFirestore.instance
32           .collection('Food')
```

```
lib > app > modules > home > controllers > HomeController.dart > HomeController > buttonText
10 class HomeController extends GetxController {
29 Stream<List<Food>> readRecipe(String jenis) {
33   .where('jenis', isEqualTo: jenis)
34   .snapshots()
35   .map((snapshot) =>
36     | | snapshot.docs.map((doc) => Food.fromJson(doc.data())).toList());
37 } else {
38   return FirebaseFirestore.instance.collection('Food').snapshots().map(
39   | | (snapshot) =>
40     | | | snapshot.docs.map((doc) => Food.fromJson(doc.data())).toList());
41 }
42 }

44 Stream<List<Food>> searchFood(String search) {
45   return FirebaseFirestore.instance
46   | .collection('Food')
47   | | .where('nama', isGreaterThanOrEqualTo: search)
48   | | .snapshots()
49   | | .map((snapshot) =>
50     | | | snapshot.docs.map((doc) => Food.fromJson(doc.data())).toList());
51 }

54 class HomeSearchDelegate extends SearchDelegate {
55   HomeSearchDelegate(this.controller);
56   final HomeController controller;
57
58   @override
59   List<Widget> buildActions(BuildContext context) {
60     return [
61       IconButton(
62         icon: const Icon(Icons.clear),
63       );
64     ];
65   }
66
67   @override
68   Widget buildLeading(BuildContext context) {
69     return IconButton(
70       icon: const Icon(Icons.arrow_back),
71       onPressed: () {
72         | | query = "";
73       },
74     );
75   }
76
77   @override
78   Widget buildResults(BuildContext context) {
79     return StreamBuilder<List<Food>>(
80       stream: controller.searchFood(query),
81       builder: (context, snapshot) {
82         return (snapshot.connectionState == ConnectionState.waiting)
83           ? const Center(
84             child: CircularProgressIndicator(),
85           )
86           : ListView.builder(
87             itemCount: snapshot.data?.length,
88             itemBuilder: (context, index) {
89               return Card(
90                 child: ListTile(
91                   title: Text(snapshot.data?[index].nama),
92                   subtitle: Text(snapshot.data?[index].deskripsi),
93                   trailing: IconButton(
94                     icon: const Icon(Icons.delete),
95                     onPressed: () {
96                       controller.removeFood(snapshot.data?[index].id);
97                     },
98                   ),
99                 ),
100               );
101             },
102           );
103         );
104       }
105     );
106   }
107 }
```

Ln 15, Col 15 Spaces:2 UTF-8 LF () Dart 22071219CG (android-arm64)

```
lib > app > modules > home > controllers > HomeController.dart > HomeController > buttonText
54 class HomeController extends GetxController {
55   HomeSearchDelegate(this.controller);
56   final HomeController controller;
57
58   @override
59   List<Widget> buildActions(BuildContext context) {
60     return [
61       IconButton(
62         icon: const Icon(Icons.clear),
63         onPressed: () {
64           | | query = "";
65         },
66       );
67     ];
68   }
69
70   @override
71   Widget buildLeading(BuildContext context) {
72     return IconButton(
73       icon: const Icon(Icons.arrow_back),
74       onPressed: () {
75         | | close(context, null);
76       },
77     );
78   }
79
80   @override
81   Widget buildResults(BuildContext context) {
82     return StreamBuilder<List<Food>>(
83       stream: controller.searchFood(query),
84       builder: (context, snapshot) {
85         return (snapshot.connectionState == ConnectionState.waiting)
86           ? const Center(
87             child: CircularProgressIndicator(),
88           )
89           : ListView.builder(
90             itemCount: snapshot.data?.length,
91             itemBuilder: (context, index) {
92               return Card(
93                 child: ListTile(
94                   title: Text(snapshot.data?[index].nama),
95                   subtitle: Text(snapshot.data?[index].deskripsi),
96                   trailing: IconButton(
97                     icon: const Icon(Icons.delete),
98                     onPressed: () {
99                       controller.removeFood(snapshot.data?[index].id);
100                     },
101                   ),
102                 ),
103               );
104             },
105           );
106         );
107       }
108     );
109   }
110 }
```

Ln 15, Col 15 Spaces:2 UTF-8 LF () Dart 22071219CG (android-arm64)

This screenshot shows a Dart code editor interface with the following details:

- File Path:** lib > app > modules > home > controllers > home_controller.dart > HomeController > buttonText
- Code:** The code is part of the `HomeSearchDelegate` class, specifically the `buildResults` method. It defines a `Card` widget with a `ListTile` child. The `ListTile` has a `dense: true` property and a `contentPadding: EdgeInsets.symmetric(` vertical: 10.h, horizontal: 10.w, `)`. It also includes `isThreeLine: true`, `onTap: () { Get.toNamed(Routes.DETAIL_FOOD, arguments: data[index]); }`, and a `Title` with `style: const TextStyle(color: Colors.black, fontWeight: FontWeight.w500,)`.
- Environment:** The status bar at the bottom right shows the date (4/1/2024), time (7:41 PM), and weather (28°C Hujan sedang).

This screenshot shows the same Dart code editor interface, but with more of the `buildResults` method visible. The code continues from the previous screenshot, defining the `Card` and `ListTile` properties. It includes a `subtitle: Column` with `crossAxisAlignment: CrossAxisAlignment.start`, a `Row` with a `Container` and padding, and a `Text` widget with `style: TextStyle(color: Colors.white,),`. The code ends with a `Container` and `10.horizontalSpace`.

This screenshot shows a code editor interface with a dark theme. The left sidebar contains icons for file operations like Open, Save, and Undo/Redo, along with tabs for Explorer, Search, Outline, Timeline, and Dependencies. The main area displays a Dart file named `home_controller.dart`. The code implements a `SearchDelegate` for a search bar. It includes logic to handle search results, such as displaying a list of items or an error message if no results are found. The code uses standard Dart syntax with imports for `lib`, `SearchDelegate`, and `Widget`. The editor shows line numbers from 54 to 184.

```
54 class HomeSearchDelegate extends SearchDelegate<Food> {
55   @override
56   Widget buildResults(BuildContext context) {
57     final snapshot = AsyncSnapshot<Food>?();
58     if (snapshot?.hasData == true) {
59       return ListView.builder(
60         itemCount: snapshot.data.length,
61         itemBuilder: (context, index) {
62           final food = snapshot.data[index];
63           return Card(
64             child: ListTile(
65               title: Text(food.name),
66               subtitle: Text(food.description),
67               trailing: IconButton(
68                 icon: Icon(Icons.delete),
69                 onPressed: () {
70                   controller.removeFood(food);
71                   setState(() {});
72                 },
73               ),
74             ),
75           );
76         },
77       );
78     } else {
79       return Center(
80         child: CircularProgressIndicator(),
81       );
82     }
83   }
84   @override
85   Widget buildSuggestions(BuildContext context) {
86     return StreamBuilder<List<Food>>(
87       stream: controller.searchFood(query),
88       builder: (context, snapshot) {
89         if (snapshot.connectionState == ConnectionState.waiting) {
90           return Center(
91             child: CircularProgressIndicator(),
92           );
93         } else {
94           return ListView.builder(
95             itemCount: snapshot.data.length,
96             itemBuilder: (context, index) {
97               final food = snapshot.data[index];
98               return Card(
99                 child: ListTile(
100                   title: Text(food.name),
101                   subtitle: Text(food.description),
102                   trailing: IconButton(
103                     icon: Icon(Icons.delete),
104                     onPressed: () {
105                       controller.removeFood(food);
106                       setState(() {});
107                     },
108                   ),
109                 ),
110               );
111             },
112           );
113         }
114       },
115     );
116   }
117 }
```

This screenshot shows another instance of a code editor with a similar layout and theme. The left sidebar is identical to the first one. The main area displays the same `home_controller.dart` file, but with a different implementation of the `buildResults` method. Instead of using a `ListView.builder`, it uses a `StreamBuilder` to build the list of suggestions. The code logic remains the same, handling search results and displaying them as cards with titles and subtitles. The editor shows line numbers from 54 to 214.

```
54 class HomeSearchDelegate extends SearchDelegate<Food> {
55   @override
56   Widget buildResults(BuildContext context) {
57     final snapshot = AsyncSnapshot<Food>?();
58     if (snapshot?.hasData == true) {
59       return ListView.builder(
60         itemCount: snapshot.data.length,
61         itemBuilder: (context, index) {
62           final food = snapshot.data[index];
63           return Card(
64             child: ListTile(
65               title: Text(food.name),
66               subtitle: Text(food.description),
67               trailing: IconButton(
68                 icon: Icon(Icons.delete),
69                 onPressed: () {
70                   controller.removeFood(food);
71                   setState(() {});
72                 },
73               ),
74             ),
75           );
76         },
77       );
78     } else {
79       return Center(
80         child: CircularProgressIndicator(),
81       );
82     }
83   }
84   @override
85   Widget buildSuggestions(BuildContext context) {
86     return StreamBuilder<List<Food>>(
87       stream: controller.searchFood(query),
88       builder: (context, snapshot) {
89         if (snapshot.connectionState == ConnectionState.waiting) {
90           return Center(
91             child: CircularProgressIndicator(),
92           );
93         } else {
94           return ListView.builder(
95             itemCount: snapshot.data.length,
96             itemBuilder: (context, index) {
97               final food = snapshot.data[index];
98               return Card(
99                 child: ListTile(
100                   title: Text(food.name),
101                   subtitle: Text(food.description),
102                   trailing: IconButton(
103                     icon: Icon(Icons.delete),
104                     onPressed: () {
105                       controller.removeFood(food);
106                       setState(() {});
107                     },
108                   ),
109                 ),
110               );
111             },
112           );
113         }
114       },
115     );
116   }
117 }
```

This screenshot shows a code editor interface with a dark theme. The left sidebar contains an Explorer view with project files like lib, app, modules, views, and controllers. The main area displays a Dart file named home_controller.dart. The code implements a HomeSearchDelegate that extends SearchDelegate. It overrides the buildSuggestions method to return StreamBuilder<List<Food>>. The StreamBuilder uses a controller to search food based on the query provided by the user. The itemBuilder handles each suggestion, displaying a Card with a ListTile containing the food name and a circular progress indicator. The code also includes logic to handle null data and specific search queries.

```
class HomeSearchDelegate extends SearchDelegate {  
  @override  
  Widget buildSuggestions(BuildContext context) {  
    return StreamBuilder<List<Food>>(  
      stream: controller.searchFood(query),  
      builder: (context, snapshot) {  
        if (snapshot.connectionState == ConnectionState.waiting)  
          return Center(child: CircularProgressIndicator());  
        else if (snapshot.data.length == 0)  
          return Center(child: Text('No results found.'));  
        else  
          return ListView.builder(  
            itemCount: snapshot.data.length,  
            itemBuilder: (context, index) {  
              var data = snapshot.data;  
              if (data == null) return Container();  
              return Card(child: ListTile(dense: true,  
                title: Text(data[index].nama),  
                subtitle: Text(data[index].deskripsi),  
                trailing: IconButton(icon: Icon(Icons.delete),  
                  onPressed: () {  
                    Get.toNamed(RouteNames.DETAIL_FOOD,  
                      arguments: data[index]);  
                  }));  
            },  
          );  
      },  
    );  
  }  
}
```

This screenshot shows a second instance of a code editor with a similar layout and theme. The Explorer view on the left shows the same project structure. The main code editor window displays the same Dart file, home_controller.dart. The code is identical to the one in the first screenshot, implementing the HomeSearchDelegate with its buildSuggestions method. The code uses StreamBuilder to fetch food suggestions from a controller, and ListView.builder to build a list of cards for each suggestion, each containing a ListTile with the food name and a delete icon.

```
class HomeSearchDelegate extends SearchDelegate {  
  @override  
  Widget buildSuggestions(BuildContext context) {  
    return StreamBuilder<List<Food>>(  
      stream: controller.searchFood(query),  
      builder: (context, snapshot) {  
        if (snapshot.connectionState == ConnectionState.waiting)  
          return Center(child: CircularProgressIndicator());  
        else if (snapshot.data.length == 0)  
          return Center(child: Text('No results found.'));  
        else  
          return ListView.builder(  
            itemCount: snapshot.data.length,  
            itemBuilder: (context, index) {  
              var data = snapshot.data;  
              if (data == null) return Container();  
              return Card(child: ListTile(dense: true,  
                title: Text(data[index].nama),  
                subtitle: Text(data[index].deskripsi),  
                trailing: IconButton(icon: Icon(Icons.delete),  
                  onPressed: () {  
                    Get.toNamed(RouteNames.DETAIL_FOOD,  
                      arguments: data[index]);  
                  }));  
            },  
          );  
      },  
    );  
  }  
}
```

The screenshot shows the Android Studio interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, ...
- Search Bar:** feri_kusuma_wardhana_7_1
- Sidemenu:** EXPLORER, FERI_KUSUMA_WA..., lib, app, routes, OUTLINE, TIMELINE, DEPENDENCIES.
- Code Editor:** The file `home_controller.dart` is open at line 54. The code defines a `Widget buildSuggestions(BuildContext context)` method for a `SearchDelegate`. It uses `Text` and `Row` widgets to display search results, including snapshot data and a `BoxDecoration` for styling.
- Bottom Bar:** Icons for back, forward, search, and other tools. The status bar shows Ln 15, Col 15, Spaces: 2, UTF-8, LF, Dart, 22071219CG (android-arm64), 7:42 PM, 28°C Hujan sedang, ENG, 4/1/2024.

The screenshot shows a Flutter development environment with the following details:

- File Explorer:** On the left, it lists the project structure under "FERI_KUSUMA_WA...". The file "home_controller.dart" is currently selected.
- Search Bar:** At the top center, it displays the search term "feri_kusuma_wardhana_7_1".
- Code Editor:** The main area shows the "home_controller.dart" file. The cursor is positioned at line 54, which defines the "buildSuggestions" method of the "HomeSearchDelegate" class. The code uses a combination of Dart and XML syntax for generating a list view of suggestions.
- Bottom Status Bar:** It shows the current line (Ln 15, Col 15), the encoding (Spaces: 2, UTF-8, LF), the language (Dart), the date and time (22/07/21 9:49 AM), and the device (android-arm64).
- Bottom Icons:** Standard operating system icons for power, volume, brightness, and connectivity are visible.
- Bottom Navigation Bar:** Includes icons for File, Edit, Selection, View, Go, Run, and Help.

```

File Edit Selection View Go Run ... feri_kusuma_wardhana_7_1
EXPLORER FERI_KUSUMA_WARDHANA_7_1
lib > app > modules > home > controllers > home_controller.dart > HomeController > buttonText
54 class HomeSearchDelegate extends SearchDelegate {
201 Widget buildSuggestions(BuildContext context) {
289   return ListView.builder(
290     itemCount: snapshot.data.length,
291     itemBuilder: (context, index) {
292       final item = snapshot.data[index];
293       return Container(
294         padding: EdgeInsets.all(5),
295         child: Row(
296           mainAxisAlignment: MainAxisAlignment.spaceBetween,
297           children: [
298             Container(
299               width: 50,
300               height: 50,
301               child: Image.network(item.image),
302             ),
303             Container(
304               width: 150,
305               child: Column(
306                 crossAxisAlignment: CrossAxisAlignment.start,
307                 children: [
308                   Text(item.name, style: TextStyle(
309                     color: Colors.white,
310                     ), // TextStyle
311                     ), // Container
312                   Text(item.description, style: TextStyle(
313                     color: Colors.white,
314                     ), // Row
315                     ), // Column
316                   Text(item.price, style: TextStyle(
317                     color: Colors.white,
318                     ), // Container
319                   ), // Row
320                 ],
321               ),
322             ),
323           ],
324         ),
325       );
326     },
327   );
328 }

```

Ln 15, Col 15 Spaces:2 UTF-8 LF () Dart 22071219CG (android-arm64)

0 0 0 0 18 0 0 ⌂

Type here to search 28°C Hujan sedang 7:43 PM 4/1/2024

7. Berikut adalah kode dari add_food view

```

File Edit Selection View Go Run ... feri_kusuma_wardhana_7_1
EXPLORER FERI_KUSUMA_WARDHANA_7_1
lib > app > modules > add_food > views > add_food_view.dart > AddFoodView > build
1 import 'dart:io';
2
3 import 'package:flutter/material.dart';
4 import 'package:flutter_screenutil/flutter_screenutil.dart';
5 import 'package:get/get.dart';
6 import 'package:image_picker/image_picker.dart';
7
8 import '../controllers/add_food_controller.dart';
9
10 class AddFoodView extends StatelessWidget {
11   const AddFoodView({Key? key}) : super(key: key); // Convert 'key' to a super parameter.
12   @override
13   Widget build(BuildContext context) {
14     return Scaffold(
15       backgroundColor: Colors.white,
16       appBar: AppBar(
17         title: Text('NEW RECIPE FERI',
18           style: TextStyle(
19             color: Colors.black,
20             fontWeight: FontWeight.bold,
21             fontSize: 20.sp), // TextStyle // Text
22             centerTitle: true,
23             leading: const SizedBox(),
24             elevation: 0,
25             actions: [
26               TextButton(
27                 onPressed: () {
28                   Get.back();
29                 },
30                 child: const Text(
31                   'Close',
32                   style: TextStyle(color: Colors.red),
33                 ),
34               ),
35             ],
36           ),
37         );
38     }
39   }

```

Ln 17, Col 37 Spaces:2 UTF-8 LF () Dart Windows (windows-x64)

0 0 0 0 18 0 0 ⌂

Type here to search 26°C Badai Petir 8:32 PM 4/1/2024

The screenshot shows a code editor interface with the following details:

- File Path:** lib > app > modules > add_food > views > add_food_view.dart > AddFoodView > build
- Code Content:** Dart code for the `build` method of the `AddFoodView` class. It includes an `AppBar`, a `SingleChildScrollView` containing a `Column` with a `Container` and `Text` widget.
- Editor Features:** Shows code completion suggestions, syntax highlighting, and a vertical scrollbar.
- Bottom Status Bar:** Displays file path, line number (Ln 17), column number (Col 37), and other system information like date and time.

The screenshot shows a code editor interface with the following details:

- File Path:** lib > app > modules > add_food > views > add_food_view.dart > AddFoodView > build
- Code Content:** Dart code for the `build` method of the `AddFoodView` class. It includes an `TextField` with a controller, `InputDecoration`, and `Text` widget.
- Editor Features:** Shows code completion suggestions, syntax highlighting, and a vertical scrollbar.
- Bottom Status Bar:** Displays file path, line number (Ln 17), column number (Col 37), and other system information like date and time.

The screenshot shows a code editor interface with the following details:

- File Path:** lib > app > modules > add_food > views > add_food_view.dart
- Selected File:** add_food_view.dart
- Code Content:** Dart code for a StatelessWidget named AddFoodView. The code includes imports for GetView, AddFoodController, and various UI widgets like Container, BoxDecoration, Center, IconButton, and BoxDecoration.
- Toolbars:** Standard Windows-style toolbar with icons for file operations, search, and zoom.
- Status Bar:** Shows line 17, column 37, spaces 2, UTF-8 encoding, and a timestamp of 8:33 PM on 4/1/2024.

The screenshot shows a code editor interface with the following details:

- File Path:** lib > app > modules > add_food > views > add_food_view.dart
- Selected File:** add_food_view.dart
- Code Content:** Dart code for a StatelessWidget named AddFoodView. The code includes imports for GetView, AddFoodController, and various UI widgets like Text, TextStyle, Container, Divider, BoxDecoration, and DropdownButton.
- Toolbars:** Standard Windows-style toolbar with icons for file operations, search, and zoom.
- Status Bar:** Shows line 17, column 37, spaces 2, UTF-8 encoding, and a timestamp of 8:33 PM on 4/1/2024.

The screenshot shows a code editor interface with the following details:

- Title Bar:** feri_kusuma_wardhana_7_1
- File Explorer (EXPLORER):** Shows the project structure under 'FERI_KUSUMA_WA...'. The 'views' folder contains 'add_food_view.dart', which is currently selected.
- Code Editor:** Displays the Dart code for 'add_food_view.dart'. The code defines a class 'AddFoodView' that extends 'GetView<AddFoodController>'. It includes several text fields and dropdown menus for inputting food details like name, description, cooking time, and ingredients.
- Status Bar:** Shows the line number (Ln 17), column (Col 37), spaces (Spaces: 2), encoding (UTF-8), file type (LF), Dart version (Dart), and operating system (Windows (windows-x64)).
- System Tray:** Shows icons for battery level (26°C Badai Petir), signal strength, and network status.

The screenshot shows a code editor interface with the following details:

- Title Bar:** feri_kusuma_wardhana_7_1
- File Explorer (EXPLORER):** Shows the project structure under 'FERI_KUSUMA_WA...'. The 'views' folder contains 'add_food_view.dart', which is currently selected.
- Code Editor:** Displays the Dart code for 'add_food_view.dart'. The code defines a class 'AddFoodView' that extends 'GetView<AddFoodController>'. It includes several text fields and dropdown menus for inputting food details like name, description, cooking time, and ingredients.
- Status Bar:** Shows the line number (Ln 17), column (Col 37), spaces (Spaces: 2), encoding (UTF-8), file type (LF), Dart version (Dart), and operating system (Windows (windows-x64)).
- System Tray:** Shows icons for battery level (26°C Badai Petir), signal strength, and network status.

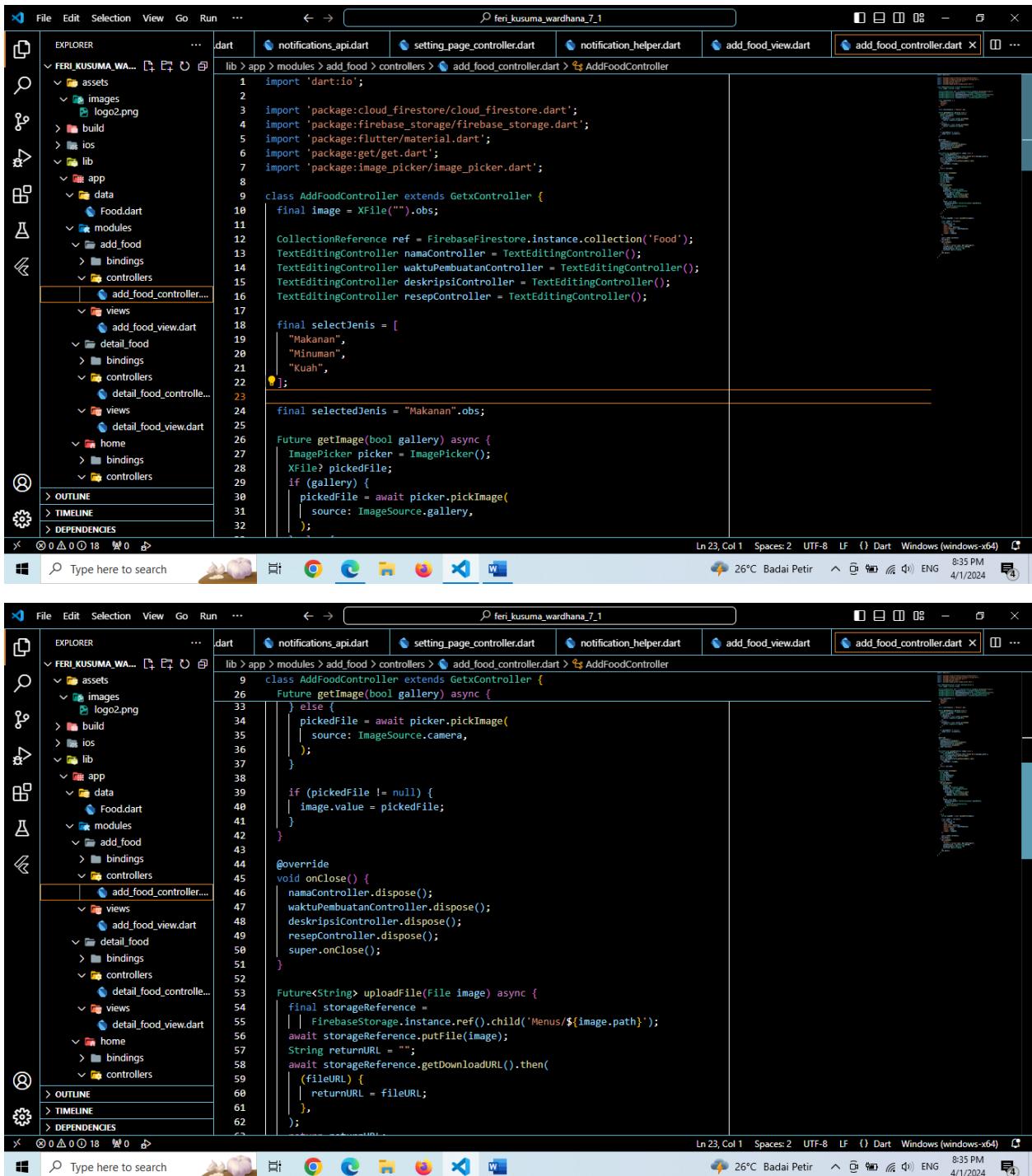
```
FERI_KUSUMA_WARDHANA_7_1
lib > app > modules > add_food > views > add_food_view.dart > AddFoodView > build
10 class AddFoodView extends GetView<AddFoodController> {
13   Widget build(BuildContext context) {
212   |   controller.image.value.path.isEmpty) {
213   |       Get.snackbar('Error', 'Lengkapi data teplebih dahulu',
214   |           snackPosition: SnackPosition.BOTTOM,
215   |           backgroundColor: Colors.red,
216   |           colorText: Colors.white,
217   |           borderRadius: 10,
218   |           margin: const EdgeInsets.all(10),
219   |           snackStyle: SnackStyle.FLOATING);
220   } else {
221   |   await controller.saveImages(
222   |       File(controller.image.value.path),
223   |       controller.namaController.text,
224   |       int.parse(controller.waktuPembuatanController.text),
225   |       controller.desripsiController.text,
226   |       controller.selectedJenis.value,
227   |       controller.resepController.text);
228   |   Get.back();
229   |   Get.snackbar("Berhasil", "Menu berhasil ditambahkan.",
230   |       backgroundColor: Colors.green,
231   |       colorText: Colors.white);
232   },
233   child: Container(
234   |   width: 1.sw,
235   |   height: 50.h,
236   |   decoration: BoxDecoration(
237   |       color: Colors.green,
238   |       borderRadius: BorderRadius.circular(10),
239   |   ), // BoxDecoration
240   |   child: const Center(
241   |       child: Text('Add Menu',
242   |           style: TextStyle(color: Colors.white))), // Text // Center // Container
243   |   ), // GestureDetector
244   |   ],
245   |   ), // Column
246   |   ), // SingleChildScrollView
247   |   ), // Obx
248   |   ); // Scaffold
249   },
250   ),
251   );
252   }
253 }
```

Ln 17, Col 37 Spaces:2 UTF-8 LF () Dart Windows (windows-x64)

```
FERI_KUSUMA_WARDHANA_7_1
lib > app > modules > add_food > views > add_food_view.dart > AddFoodView > build
10 class AddFoodView extends GetView<AddFoodController> {
13   Widget build(BuildContext context) {
226   |   controller.selectedJenis.value,
227   |   controller.resepController.text);
228   |   Get.back();
229   |   Get.snackbar("Berhasil", "Menu berhasil ditambahkan.",
230   |       backgroundColor: Colors.green,
231   |       colorText: Colors.white);
232   },
233   child: Container(
234   |   width: 1.sw,
235   |   height: 50.h,
236   |   decoration: BoxDecoration(
237   |       color: Colors.green,
238   |       borderRadius: BorderRadius.circular(10),
239   |   ), // BoxDecoration
240   |   child: const Center(
241   |       child: Text('Add Menu',
242   |           style: TextStyle(color: Colors.white))), // Text // Center // Container
243   |   ), // GestureDetector
244   |   ],
245   |   ), // Column
246   |   ), // SingleChildScrollView
247   |   ), // Obx
248   |   ); // Scaffold
249   },
250   ),
251   );
252   }
253 }
```

Ln 17, Col 37 Spaces:2 UTF-8 LF () Dart Windows (windows-x64)

8. Berikut adalah kode dari add_food controller



```
lib > app > modules > add_food > controllers > add_food_controller.dart > AddFoodController
1 import 'dart:io';
2
3 import 'package:cloud_firestore/cloud_firestore.dart';
4 import 'package:firebase_storage/firebase_storage.dart';
5 import 'package:flutter/material.dart';
6 import 'package:get/get.dart';
7 import 'package:image_picker/image_picker.dart';
8
9 class AddFoodController extends GetxController {
10   final image = XFile("").obs;
11
12   CollectionReference ref = FirebaseFirestore.instance.collection('Food');
13   TextEditingController namaController = TextEditingController();
14   TextEditingController waktuPembuatanController = TextEditingController();
15   TextEditingController deskripsiController = TextEditingController();
16   TextEditingController resepController = TextEditingController();
17
18   final selectJenis = [
19     "Makanan",
20     "Minuman",
21     "Kuah",
22   ];
23
24   final selectedJenis = "Makanan".obs;
25
26   Future getImage(bool gallery) async {
27     ImagePicker picker = ImagePicker();
28     XFile? pickedFile;
29     if (gallery) {
30       pickedFile = await picker.pickImage(
31         source: ImageSource.gallery,
32       );
33     } else {
34       pickedFile = await picker.pickImage(
35         source: ImageSource.camera,
36       );
37     }
38
39     if (pickedFile != null) {
40       image.value = pickedFile;
41     }
42   }
43
44   @override
45   void onClose() {
46     namaController.dispose();
47     waktuPembuatanController.dispose();
48     deskripsiController.dispose();
49     resepController.dispose();
50     super.onClose();
51   }
52
53   Future<String> uploadFile(File image) async {
54     final storageReference =
55       FirebaseStorage.instance.ref().child('Menus/${image.path}');
56     await storageReference.putFile(image);
57     String returnUrl = "";
58     await storageReference.getDownloadURL().then(
59       (fileURL) {
60         returnUrl = fileURL;
61       },
62     );
63 }
```

The screenshot shows a Dart code editor interface with the following details:

- File Path:** lib > app > modules > add_food > controllers > add_food_controller.dart > AddFoodController
- Code Snippet:** A portion of the `AddFoodController` class implementation. It includes methods for saving images and handling file uploads.

```
lib > app > modules > add_food > controllers > add_food_controller.dart > AddFoodController
9 class AddFoodController extends GetxController {
53 Future<String> uploadFile(File image) async {
63 |   return returnURL;
64 |
65 |
66 |   Future<void> saveImages(
67 |     File images,
68 |     String nama,
69 |     int waktuPembuatan,
70 |     String deskripsi,
71 |     String jenis,
72 |     String resep,
73 |   ) async {
74 |     Get.bottomSheet(
75 |       Container(
76 |         height: 80,
77 |         alignment: Alignment.center,
78 |         decoration: const BoxDecoration(
79 |           color: Colors.white,
80 |           borderRadius: BorderRadius.only(
81 |             topLeft: Radius.circular(20),
82 |             topRight: Radius.circular(20),
83 |           ), // BorderRadius.only
84 |         ), // BoxDecoration
85 |         child: const Row(
86 |           mainAxisAlignment: MainAxisAlignment.spaceEvenly,
87 |           children: [
88 |             CircularProgressIndicator(),
89 |             Text("Loading"),
90 |           ],
91 |         ), // Row
92 |       ), // Container
```

- Editor Tools:** Standard code editor features like search, run, and file operations are visible at the top.
- System Taskbar:** Shows system icons, weather (26°C), battery level (Badai Petir), and date/time (8:35 PM, 4/1/2024).

The screenshot shows a Dart code editor interface with the following details:

- File Path:** lib > app > modules > add_food > controllers > add_food_controller.dart > AddFoodController
- Code Snippet:** Another portion of the `AddFoodController` class implementation, focusing on the `saveImages` method and its logic for saving data to a database.

```
lib > app > modules > add_food > controllers > add_food_controller.dart > AddFoodController
9 class AddFoodController extends GetxController {
66 Future<void> saveImages(
94 |
95 |   try {
96 |     String imageURL = await uploadFile(images);
97 |
98 |     final refDoc = ref.doc();
99 |     final data = {
100 |       "id": refDoc.id,
101 |       "nama": nama,
102 |       "deskripsi": deskripsi,
103 |       "waktu_pembuatan": waktuPembuatan,
104 |       "jenis": jenis,
105 |       "resep": resep,
106 |       "images": imageURL
107 |     };
108 |
109 |     await refDoc.set(data);
110 |     Get.back();
111 |   } catch (e) {
112 |     Get.snackbar(
113 |       "Error",
114 |       "Failed to upload image: ${e.toString()}",
115 |       snackPosition: SnackPosition.BOTTOM,
116 |       backgroundColor: Colors.red,
117 |       colorText: Colors.white,
118 |     );
119 |     Get.back();
120 |   }
121 |
122 }
```

- Editor Tools:** Standard code editor features like search, run, and file operations are visible at the top.
- System Taskbar:** Shows system icons, weather (26°C), battery level (Badai Petir), and date/time (8:35 PM, 4/1/2024).

9. Berikut adalah kode dari detail food view

```
lib > app > modules > detail_food > views > detail_food_view.dart > RoundedInputBorder > RoundedInputBorder
1 import 'dart:io';
2
3 import 'package:cached_network_image/cached_network_image.dart';
4 import 'package:feri_kusuma_wardhana_7_1/app/data/Food.dart';
5 import 'package:feri_kusuma_wardhana_7_1/app/routes/app_pages.dart';
6 import 'package:feri_kusuma_wardhana_7_1/app/utils/colors.dart';
7 import 'package:flutter/material.dart';
8 import 'package:flutter_screenutil/flutter_screenutil.dart';
9
10 import 'package:get/get.dart';
11 import 'package:image_picker/image_picker.dart';
12
13 import './controllers/detail_food_controller.dart';
14
15 class DetailFoodView extends GetView<DetailFoodController> {
16   const DetailFoodView({Key? key}) : super(key: key); Convert 'key' to a super parameter.
17   @override
18   Widget build(BuildContext context) {
19     return Scaffold(
20       backgroundColor: Colors.white,
21       bottomNavigationBar: Container(
22         decoration: const BoxDecoration(
23           color: Colors.white,
24           borderRadius: BorderRadius.only(
25             topLeft: Radius.circular(20),
26             topRight: Radius.circular(20),
27           ), // BorderRadius.only
28           boxShadow: [
29             BoxShadow(
30               color: Colors.black26,
31               blurRadius: 5,
32               offset: Offset(0, -1),
33             ), // BoxShadow
34           ],
35         ), // BoxDecoration
36         height: 100.h,
37         width: double.infinity,
38         child: Row(
39           mainAxisAlignment: MainAxisAlignment.spaceEvenly,
40           children: [
41             GestureDetector(
42               onTap: () {
43                 deleteMenu(controller.food.id);
44               },
45             ),
46             Container(
47               width: 150.w,
48               height: 50.h,
49               decoration: BoxDecoration(
50                 color: Colors.red,
51                 borderRadius: BorderRadius.circular(10),
52               ), // BoxDecoration
53               child: Row(
54                 mainAxisAlignment: MainAxisAlignment.center,
55                 children: [
56                   const Icon(
57                     Icons.delete_outline_outlined,
58                     color: Colors.white,
59                   ), // Icon
60                   10.horizontalSpace,
61                   const Text("Hapus", style: TextStyle(color: Colors.white)),
62                 ], // Row // Container
63               ), // GestureDetector
64             ),
65           ],
66         ), // Row
67       ), // Scaffold
68     );
69   }
70 }
```

Ln 590, Col 30 Spaces:2 UTF-8 LF () Dart Windows (windows-x64)

26°C Badai Petir 8:24 PM ENG 4/1/2024

```
lib > app > modules > detail_food > views > detail_food_view.dart > RoundedInputBorder > RoundedInputBorder
15 class DetailFoodView extends GetView<DetailFoodController> {
16   const DetailFoodView({Key? key}) : super(key: key); Convert 'key' to a super parameter.
17   @override
18   Widget build(BuildContext context) {
19     return Scaffold(
20       backgroundColor: Colors.white,
21       bottomNavigationBar: Container(
22         decoration: const BoxDecoration(
23           color: Colors.white,
24           borderRadius: BorderRadius.only(
25             topLeft: Radius.circular(20),
26             topRight: Radius.circular(20),
27           ), // BorderRadius.only
28           boxShadow: [
29             BoxShadow(
30               color: Colors.black26,
31               blurRadius: 5,
32               offset: Offset(0, -1),
33             ), // BoxShadow
34           ],
35         ), // BoxDecoration
36         height: 100.h,
37         width: double.infinity,
38         child: Row(
39           mainAxisAlignment: MainAxisAlignment.spaceEvenly,
40           children: [
41             GestureDetector(
42               onTap: () {
43                 deleteMenu(controller.food.id);
44               },
45             ),
46             Container(
47               width: 150.w,
48               height: 50.h,
49               decoration: BoxDecoration(
50                 color: Colors.red,
51                 borderRadius: BorderRadius.circular(10),
52               ), // BoxDecoration
53               child: Row(
54                 mainAxisAlignment: MainAxisAlignment.center,
55                 children: [
56                   const Icon(
57                     Icons.delete_outline_outlined,
58                     color: Colors.white,
59                   ), // Icon
60                   10.horizontalSpace,
61                   const Text("Hapus", style: TextStyle(color: Colors.white)),
62                 ], // Row // Container
63               ), // GestureDetector
64             ),
65           ],
66         ), // Row
67       ), // Scaffold
68     );
69   }
70 }
```

Ln 590, Col 30 Spaces:2 UTF-8 LF () Dart Windows (windows-x64)

26°C Badai Petir 8:24 PM ENG 4/1/2024

This screenshot shows the code editor interface for a Dart project named 'feri_kusuma_wardhana_7_1'. The current file is 'detail_food_view.dart' located in the 'lib/app/modules/detail_food/views' directory. The code implements a StatelessWidget named DetailFoodView that extends GetView<DetailFoodController>. It contains logic for handling tap events on a GestureDetector, displaying a rounded input field, and building a Row of children including an edit icon and a text field.

```
class DetailFoodView extends GetView<DetailFoodController> {
  Widget build(BuildContext context) {
    // Gesture Detector
    GestureDetector(
      onTap: () {
        | editMenu(controller.food, context);
      },
      child: Container(
        width: 150.w,
        height: 50.h,
        decoration: BoxDecoration(
          color: Colors.orange,
          borderRadius: BorderRadius.circular(10),
        ), // BoxDecoration
        child: Row(
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            const Icon(
              Icons.edit_outlined,
              color: Colors.white,
            ), // Icon
            const Text("Edit", style: TextStyle(color: Colors.white)),
          ],
        ), // Row // Container
      ), // GestureDetector
    ), // Container
    body: StreamBuilder<Food>(
      stream: controller.getFood(controller.food.id),
      builder: (context, snapshot) {

```

This screenshot shows the same code editor interface after modifications. The 'slivers' list in the code now includes a SliverAppBar with an expanded height of 300.h and a background color matching the controller's dominant color. It also includes an InkWell for back navigation and an InkWell for the arrow back icon. The code editor's status bar indicates the changes were made at line 93, column 30.

```
if (snapshot.connectionState == ConnectionState.waiting) {
  return const Center(child: CircularProgressIndicator());
} else if (snapshot.hasData) {
  controller.food = snapshot.data!;
  return CustomScrollView(
    slivers: [
      SliverAppBar(
        expandedHeight: 300.h,
        backgroundColor: controller.dominantColor,
        pinned: true,
        leading: ClipRRect(
          borderRadius: BorderRadius.circular(50.r),
          child: Material(
            color: Colors.white,
            child: InkWell(
              onTap: () {
                | Get.back();
              },
              child: const Icon(
                Icons.arrow_back,
                color: Colors.black,
              ), // Icon
            ), // InkWell
          ), // Material
        ).marginSymmetric(horizontal: 10.w, vertical: 10.h), // ClipRRect
        bottom: PreferredSize(
          preferredSize: const Size.fromHeight(70),
          child: Container(
            width: double.infinity,
            padding: const EdgeInsets.symmetric(

```

This screenshot shows a Dart code editor interface with the file `detail_food_view.dart` open. The code defines a `DetailFoodView` class that extends `GetView<DetailFoodController>`. The `build` method creates a `Row` widget with two children: a `Text` and a `Container`. The `Text` widget displays the food name and type. The `Container` widget contains a `Image.network` and a `SliverToBoxAdapter` with a `ColoredBox` child.

```
class DetailFoodView extends GetView<DetailFoodController> {
  Widget build(BuildContext context) {
    return Row(
      mainAxisAlignment: MainAxisAlignment.spaceBetween,
      children: [
        Flexible(
          fit: FlexFit.loose,
          child: Text(
            snapshot.data!.nama,
            style: TextStyle(
              fontSize: 24.sp,
              fontWeight: FontWeight.w500,
            ), // TextStyle
          ), // Text
        ), // Flexible
        Container(
          padding: EdgeInsets.symmetric(
            horizontal: 5.r,
            vertical: 5.r,
          ), // EdgeInsets.symmetric
          height: 30.h,
          decoration: BoxDecoration(
            borderRadius: BorderRadius.all(
              Radius.circular(5.r)
            )
          ),
        )
      ],
    );
  }
}
```

This screenshot shows the same Dart code editor interface, but the code has been modified. The `Container` widget now includes a `flexibleSpace: FlexibleSpaceBar` with a `Image.network` child. The `SliverToBoxAdapter` now has a `ColoredBox` child with a `Padding` and a `Column` child.

```
class DetailFoodView extends GetView<DetailFoodController> {
  Widget build(BuildContext context) {
    return Row(
      mainAxisAlignment: MainAxisAlignment.spaceBetween,
      children: [
        Flexible(
          fit: FlexFit.loose,
          child: Text(
            snapshot.data!.jenis,
            style: TextStyle(
              fontSize: 11.sp,
              color: Colors.white,
            ), // TextStyle
          ), // Text
        ), // Container
        Container(
          flexibleSpace: FlexibleSpaceBar(
            background: Image.network(
              snapshot.data!.images,
              width: double.infinity,
              fit: BoxFit.cover,
            ), // Image.network
          ), // FlexibleSpaceBar
          SliverToBoxAdapter(
            child: ColoredBox(
              color: Colors.white,
              child: Padding(
                padding: EdgeInsets.all(16.r),
                child: Column(
                  crossAxisAlignment: CrossAxisAlignment.start,
                  children: [
                    Text(snapshot.data!.nama),
                    Text(snapshot.data!.jenis),
                    Image.network(snapshot.data!.images),
                  ],
                ),
              ),
            ),
          )
        )
      ],
    );
  }
}
```

```
class DetailFoodView extends GetView<DetailFoodController> {
  Widget build(BuildContext context) {
    return Column(
      children: [
        Text("Waktu Pembuatan",
            style: TextStyle(
              fontSize: 16.sp,
              fontWeight: FontWeight.w500,
            ), // TextStyle
        ), // Text
        Row(
          children: [
            const Icon(
              Icons.timer,
              color: Colors.green,
            ), // Icon
            Text(
              "${snapshot.data!.waktuPembuatan} Menit",
              style: TextStyle(
                fontSize: 16.sp,
                fontWeight: FontWeight.w500,
                color: Colors.grey[500],
              ), // TextStyle
            ), // Text
          ],
        ), // Row
        Text(
          snapshot.data!.deskripsi,
          textAlign: TextAlign.justify,
          style: TextStyle(
            fontSize: 16.sp,
          ),
        ),
      ],
    );
  }
}
```

```
class DetailFoodView extends GetView<DetailFoodController> {
  Widget build(BuildContext context) {
    return Column(
      children: [
        Text("Resep dan Cara Membuat",
            style: TextStyle(
              fontSize: 16.sp,
              fontWeight: FontWeight.w500,
            ), // TextStyle
        ), // Text
        Row(
          children: [
            Text(
              "snapshot.data!.resep",
              style: TextStyle(
                fontSize: 16.sp,
                fontWeight: FontWeight.w500,
                color: Colors.grey[500],
              ), // TextStyle
            ), // Text
          ],
        ), // Row
        Text(
          "Menit",
          style: TextStyle(
            fontSize: 16.sp,
            fontWeight: FontWeight.w500,
            color: Colors.grey[500],
          ), // TextStyle
        ), // Text
      ],
    );
  }
}
```

The screenshot shows a code editor interface with the following details:

- Title Bar:** feri_kusuma_wardhana_7_1
- File Explorer (EXPLORER):** Shows the project structure under FERI_KUSUMA_WA... including lib, app, modules, add_food, views, detail_food, bindings, controllers, and views.
- Code Editor:** Displays the `detail_food_view.dart` file. The code defines a `DetailFoodView` class extending `GetView<DetailFoodController>`. It includes methods for building the UI based on data availability and displaying a modal bottom sheet for editing menu items.
- Bottom Bar:** Includes tabs for home_controller.dart, home_view.dart, colors.dart, setting_page_view.dart, detail_food_view.dart (highlighted), and detail_food_controller.dart. Status bar information: Ln 590 Col 30 Spaces:2 UTF-8 LF () Dart Windows (windows-x64).

This screenshot is nearly identical to the one above, showing the same code editor interface and project structure. The main difference is in the code editor's scroll position, which has moved further down the `detail_food_view.dart` file, specifically around line 270 to 300.

The screenshot shows a code editor window with the file `detail_food_view.dart` open. The code defines a class `DetailFoodView` that extends `GetView<DetailFoodController>`. The class contains a method `editMenu` which takes a `Food food` and a `BuildContext context` as parameters. Inside the method, there is logic to handle image selection using `ImagePicker`, setting the selected image to a variable `image.value`, and displaying an `ElevatedButton` with the text "Edit Foto". The code uses `ScreenUtil` for font sizes and `BoxFit.cover` for image fits.

```
lib > app > modules > detail_food > views > detail_food_view.dart > RoundedInputBorder > RoundedInputBorder
15 class DetailFoodView extends GetView<DetailFoodController> {
250 void editMenu(Food food, BuildContext context) {
301   child: Image.value.path == ""
302     ? CachedNetworkImage(
303       imageUrl: food.images,
304       width: 1.sw,
305       height: 200.h,
306       fit: BoxFit.cover,
307     ) // CachedNetworkImage
308     : Image.file(
309       File(image.value.path),
310       width: 1.sw,
311       height: 200.h,
312       fit: BoxFit.cover,
313     ), // Image.file
314   ), // ClipRect
315   10.verticalSpace,
316   ElevatedButton(
317     onPressed: () async {
318       ImagePicker picker = ImagePicker();
319       final pickedFile =
320         await picker.pickImage(source: ImageSource.gallery);
321       if (pickedFile != null) {
322         image.value = pickedFile;
323       }
324     },
325     child: const Text("Edit Foto"), // ElevatedButton
326   10.verticalSpace,
327   Text(
328     "Nama Menu",
329     style: TextStyle(
330       fontSize: ScreenUtil().setSp(12),
331     ),
332   ), // Text
333   10.verticalSpace,
334   RoundedInputBorder(
335     textEditingController: namaController,
336     hintText: food.nama.toString(),
337   ), // RoundedInputBorder
338   15.verticalSpace,
339   Text(
340     "Waktu Pembuatan",
341     style: TextStyle(
342       fontSize: ScreenUtil().setSp(12),
343     ), // TextStyle
344   ), // Text
345   10.verticalSpace,
346   RoundedInputBorder(
347     textEditingController: waktupembuatanController,
348     hintText: food.resep.toString(),
349   ), // RoundedInputBorder
350   10.verticalSpace,
351   Text(
352     "Deskripsi",
353     style: TextStyle(
354       fontSize: ScreenUtil().setSp(12),
355     ), // TextStyle
356   ), // Text
357   10.verticalSpace,
358   RoundedInputBorder(
359     maxLines: 5,
360     textEditingController: deskripsiController
361   ), // RoundedInputBorder
362 }
```

The screenshot shows a code editor window with the file `detail_food_view.dart` open. The code defines a class `DetailFoodView` that extends `GetView<DetailFoodController>`. The class contains a method `editMenu` which takes a `Food food` and a `BuildContext context` as parameters. Inside the method, there is logic to handle image selection using `ImagePicker`, setting the selected image to a variable `image.value`, and displaying an `ElevatedButton` with the text "Edit Foto". The code uses `ScreenUtil` for font sizes and `BoxFit.cover` for image fits.

```
lib > app > modules > detail_food > views > detail_food_view.dart > RoundedInputBorder > RoundedInputBorder
15 class DetailFoodView extends GetView<DetailFoodController> {
250 void editMenu(Food food, BuildContext context) {
338   child: ScreenUtil().setSp(12),
339     ), // TextStyle
340   ), // Text
341   10.verticalSpace,
342   RoundedInputBorder(
343     textEditingController: namaController,
344     hintText: food.nama.toString(),
345   ), // RoundedInputBorder
346   15.verticalSpace,
347   Text(
348     "Waktu Pembuatan",
349     style: TextStyle(
350       fontSize: ScreenUtil().setSp(12),
351     ), // TextStyle
352   ), // Text
353   10.verticalSpace,
354   RoundedInputBorder(
355     textEditingController: waktupembuatanController,
356     hintText: food.resep.toString(),
357   ), // RoundedInputBorder
358   15.verticalSpace,
359   Text(
360     "Deskripsi",
361     style: TextStyle(
362       fontSize: ScreenUtil().setSp(12),
363     ), // TextStyle
364   ), // Text
365   10.verticalSpace,
366   RoundedInputBorder(
367     maxLines: 5,
368     textEditingController: deskripsiController
369   ), // RoundedInputBorder
370 }
```

The screenshot shows a code editor interface with the following details:

- Title Bar:** feri_kusuma_wardhana_7_1
- File Explorer (EXPLORER):** Shows the project structure under FERI_KUSUMA_WA...:
 - lib
 - app
 - modules
 - add_food
 - views
 - detail_food
 - bindings
 - controllers
 - detail_food_controller.dart
 - views
 - detail_food_view.dart
 - home
 - bindings
 - controllers
 - home_controller.dart
 - views
 - home_view.dart
 - setting_page
 - bindings
 - controllers
 - setting_page_controller.dart
 - views
 - setting_page_view.dart
 - routes
 - utils
 - OUTLINE
 - TIMELINE
 - DEPENDENCIES
- Code Editor:** The file detail_food_view.dart is open, showing Dart code for a food detail view. The code includes imports for lib, rounded input fields, and rounded controller. It defines a class DetailFoodView that extends GetView<DetailFoodController>. The class has a void editMenu(Food food, BuildContext context) method that updates a menu with food information and a resepController. It also handles image uploads and updates the menu with the new data.
- Bottom Status Bar:** Shows line 590, column 30, spaces 2, UTF-8, LF, Dart, Windows (windows-x64), and a timestamp of 8:27 PM on 4/1/2024.

The screenshot shows a code editor interface with the following details:

- Title Bar:** feri_kusuma_wardhana_7_1
- File Explorer (EXPLORER):** Shows the project structure under FERI_KUSUMA_WA...:
 - lib
 - app
 - modules
 - add_food
 - views
 - detail_food
 - bindings
 - controllers
 - detail_food_controller.dart
 - views
 - detail_food_view.dart
 - home
 - bindings
 - controllers
 - home_controller.dart
 - views
 - home_view.dart
 - setting_page
 - bindings
 - controllers
 - setting_page_controller.dart
 - views
 - setting_page_view.dart
 - routes
 - utils
 - OUTLINE
 - TIMELINE
 - DEPENDENCIES
- Code Editor:** The file detail_food_view.dart is open, showing Dart code for a food detail view. The code includes imports for lib, rounded input fields, and rounded controller. It defines a class DetailFoodView that extends GetView<DetailFoodController>. The class has a void editMenu(Food food, BuildContext context) method that updates a menu with food information and a resepController. It also handles image uploads and updates the menu with the new data.
- Bottom Status Bar:** Shows line 590, column 30, spaces 2, UTF-8, LF, Dart, Windows (windows-x64), and a timestamp of 8:27 PM on 4/1/2024.

```
lib > app > modules > detail_food > views > detail_food_view.dart > RoundedInputField > RoundedInputField
15 class DetailFoodView extends GetView<DetailFoodController> {
250 void editMenu(Food food, BuildContext context) {
418     deskripsiController.dispose();
419     resepController.dispose();
420     child: const Text('Simpan Menu'),
421     ), // ElevatedButton
422     ), // SizedBox
423     ), // Flexible
424     onEmpty: Flexible(
425     child: SizedBox(
426         height: ScreenUtil().setHeight(40),
427         width: 1.sw,
428         child: ElevatedButton(
429             style: ElevatedButton.styleFrom(
430                 backgroundColor: Colors.blue,
431             ),
432             onPressed: () async {
433                 if (image.value.path.isNotEmpty) {
434                     await controller.updateMenuWithImage(
435                         food.id,
436                         namaController.text,
437                         int.parse(waktuPembuatanController.text),
438                         deskripsiController.text,
439                         food.jenis,
440                         File(image.value.path),
441                         resepController.text,
442                     );
443                 } else {
444                     await controller.updateMenu(
445                         food.id,
446                         namaController.text,
447                         int.parse(waktuPembuatanController.text),
448                         deskripsiController.text,
449                     );
450                 }
451             }
452         )
453     )
454 }
```

```
lib > app > modules > detail_food > views > detail_food_view.dart > RoundedInputField > RoundedInputField
15 class DetailFoodView extends GetView<DetailFoodController> {
250 void editMenu(Food food, BuildContext context) {
478     error.toString(),
479     snackPosition: SnackPosition.TOP,
480     backgroundColor: Colors.red,
481     colorText: Colors.white,
482     );
483     return Flexible(
484     child: SizedBox(
485         height: ScreenUtil().setHeight(40),
486         width: 1.sw,
487         child: ElevatedButton(
488             style: ElevatedButton.styleFrom(
489                 backgroundColor: Colors.blue,
490             ),
491             onPressed: () async {
492                 if (image.value.path.isNotEmpty) {
493                     await controller.updateMenuWithImage(
494                         food.id,
495                         namaController.text,
496                         int.parse(waktuPembuatanController.text),
497                         deskripsiController.text,
498                         food.jenis,
499                         File(image.value.path),
500                         resepController.text,
501                     );
502                 } else {
503                     await controller.updateMenu(
504                         food.id,
505                         namaController.text,
506                         int.parse(waktuPembuatanController.text),
507                         deskripsiController.text,
508                     );
509                 }
510             }
511         )
512     )
513 }
```

```
FERI_KUSUMA_WARDHANA_7_1
lib > app > modules > detail_food > views > detail_food_view.dart > RoundedInputField > RoundedInputField
15 class DetailFoodView extends GetView<DetailFoodController> {
250 void editMenu(Food food, BuildContext context) {
509   food.images,
510   resepController.text,
511   );
512   Get.back();
513   Get.snackbar(
514     "Edit Berhasil",
515     "Data Telah Berhasil Diedit",
516     snackPosition: SnackPosition.TOP,
517     backgroundColor: Colors.green,
518     colorText: Colors.white,
519   );
520   namaController.dispose();
521   waktuPembuatanController.dispose();
522   deskripsiController.dispose();
523   resepController.dispose(),
524   ),
525   child: const Text('Simpan Menu'),
526   ),
527   ), // ElevatedButton
528   ), // SizedBox
529   ); // Flexible
530   ],
531   ],
532   ),
533   paddingSymmetric(vertical: 10.h, horizontal: 20.w), // Column
534   ), // SingleChildScrollView
535   ), // Container
536   ), // Obx
537   );
538 }
```

Ln 590 Col 30 Spaces:2 UTF-8 LF () Dart Windows (windows-x64) 8:28 PM 4/1/2024

```
FERI_KUSUMA_WA...
lib > app > modules > detail_food > views > detail_food_view.dart > RoundedInputField > RoundedInputField
15 class DetailFoodView extends GetView<DetailFoodController> {
540 void deleteMenu(String id) {
541   AlertDialog(
542     title: const Text("Hapus"),
543     content: const Text("Apakah anda yakin ingin menghapus data ini?"),
544     actions: [
545       TextButton(
546         onPressed: () {
547           Get.back();
548         },
549         child: const Text("Tidak"),
550       ), // TextButton
551       TextButton(
552         onPressed: () {
553           controller.deleteMenu(id);
554           Get.offAllNamed(routes.HOME);
555           Get.snackbar(
556             "Dihapus",
557             "Data berhasil dihapus",
558             snackPosition: SnackPosition.BOTTOM,
559             backgroundColor: Colors.red,
560             colorText: Colors.white,
561             margin: const EdgeInsets.all(10),
562           );
563         },
564         child: const Text("Ya"),
565       ), // TextButton
566     ], // AlertDialog
567   );
568 }
```

Ln 590 Col 30 Spaces:2 UTF-8 LF () Dart Windows (windows-x64) 8:29 PM 4/1/2024

The screenshot shows a code editor with the file `detail_food_view.dart` open. The code defines a `RoundedInputField` class that extends `StatelessWidget`. It takes parameters for hintText, icon, roundedCorner, onChanged, textEditingController, width, height, textSize, backgroundColor, padding, borderColor, keyboardType, maxLines, and key. The implementation uses `Container`, `TextField`, and `OutlineInputBorder` to create a rounded input field.

```
class RoundedInputField extends StatelessWidget {  
  final String? hintText;  
  final IconData? icon;  
  final double? roundedCorner;  
  final ValueChanged<String>? onChanged;  
  final TextEditingController? textEditingController;  
  final double? width;  
  final double? height;  
  final double? textSize;  
  final Color? backgroundColor;  
  final EdgeInsetsGeometry? padding;  
  final Color? borderColor;  
  final TextInputType? keyboardType;  
  final int? maxLines;  
  const RoundedInputField({  
    Key? key,  
    this.hintText,  
    this.icon = Icons.person,  
    this.onChanged,  
    this.textEditingController,  
    this.roundedCorner = 10,  
    this.height,  
    this.width,  
    this.textSize,  
    this.backgroundColor,  
    this.padding,  
    this.borderColor,  
    this.keyboardType,  
    this.maxLines,  
  }) : super(key: key);  
}  
Row mainRow = Row(  
  mainAxisAlignment: MainAxisAlignment.spaceEvenly,  
  children: [  
    Container(  
      width: 150,  
      height: 50,  
      decoration: BoxDecoration(  
        color: Colors.white,  
        border: Border.all(  
          color: Colors.grey,  
        ),  
        borderRadius: BorderRadius.circular(10),  
      ),  
      child: Center(  
        child: Text("Food Name"),  
      ),  
    ),  
    Container(  
      width: 150,  
      height: 50,  
      decoration: BoxDecoration(  
        color: Colors.white,  
        border: Border.all(  
          color: Colors.grey,  
        ),  
        borderRadius: BorderRadius.circular(10),  
      ),  
      child: Center(  
        child: Text("Food Price"),  
      ),  
    ),  
  ],  
);
```

This screenshot shows the same code editor with the file `detail_food_view.dart` open. The code is identical to the one in the first screenshot, but it includes detailed styling for the `OutlineInputBorder`. It specifies a circular border radius and a grey border color.

```
class RoundedInputField extends StatelessWidget {  
  final String? hintText;  
  final IconData? icon;  
  final double? roundedCorner;  
  final ValueChanged<String>? onChanged;  
  final TextEditingController? textEditingController;  
  final double? width;  
  final double? height;  
  final double? textSize;  
  final Color? backgroundColor;  
  final EdgeInsetsGeometry? padding;  
  final Color? borderColor;  
  final TextInputType? keyboardType;  
  final int? maxLines;  
  const RoundedInputField({  
    Key? key,  
    this.hintText,  
    this.icon = Icons.person,  
    this.onChanged,  
    this.textEditingController,  
    this.roundedCorner = 10,  
    this.height,  
    this.width,  
    this.textSize,  
    this.backgroundColor,  
    this.padding,  
    this.borderColor,  
    this.keyboardType,  
    this.maxLines,  
  }) : super(key: key);  
}  
Row mainRow = Row(  
  mainAxisAlignment: MainAxisAlignment.spaceEvenly,  
  children: [  
    Container(  
      width: 150,  
      height: 50,  
      decoration: BoxDecoration(  
        color: Colors.white,  
        border: Border.all(  
          color: Colors.grey,  
        ),  
        borderRadius: BorderRadius.circular(10),  
      ),  
      child: Center(  
        child: Text("Food Name"),  
      ),  
    ),  
    Container(  
      width: 150,  
      height: 50,  
      decoration: BoxDecoration(  
        color: Colors.white,  
        border: Border.all(  
          color: Colors.grey,  
        ),  
        borderRadius: BorderRadius.circular(10),  
      ),  
      child: Center(  
        child: Text("Food Price"),  
      ),  
    ),  
  ],  
);
```

10. Berikut adalah kode dari detail_food controller

The image shows two screenshots of a Dart code editor, likely VS Code, displaying the same file at different stages of development. Both screenshots show the file structure on the left and the code content on the right.

Screenshot 1 (Top): Shows the initial implementation of the `DetailFoodController` class. It includes imports for `'dart:io'`, `'package:cloud_firestore/cloud_firestore.dart'`, `'package:feri_kusuma_wardhana_7_1/app/data/Food.dart'`, `'package:firebase_storage/firebase_storage.dart'`, `'package:flutter/material.dart'`, `'package:get/get.dart'`, and `'package:palette_generator/palette_generator.dart'`. The class `DetailFoodController` extends `GetxController` with `StateMixin`. It defines a `CollectionReference` `ref` pointing to the `'Food'` collection in Firestore. It has methods for getting food by ID, deleting a menu item, and updating a menu item's details. The `updateMenu` method uses `change(null, status: RxStatus.loading())` before setting the new data.

```
import 'dart:io';
import 'package:cloud_firestore/cloud_firestore.dart';
import 'package:feri_kusuma_wardhana_7_1/app/data/Food.dart';
import 'package:firebase_storage/firebase_storage.dart';
import 'package:flutter/material.dart';
import 'package:get/get.dart';
import 'package:palette_generator/palette_generator.dart';

class DetailFoodController extends GetxController with StateMixin {
  CollectionReference ref = FirebaseFirestore.instance.collection('Food');
  Color dominantColor = Colors.green;
  var food = Get.arguments as Food;

  Stream<Food> getFood(String id) {
    return FirebaseFirestore.instance
      .collection('Food')
      .doc(id)
      .snapshots()
      .map((event) => Food.fromJson(event.data()!));
  }

  Future<void> deleteMenu(String id) async {
    final refDoc = ref.doc(id);
    refDoc.delete();
  }

  Future<void> updateMenu(String id, String nama, int waktupembuatan,
  | String deskripsi, String jenis, String image, String resep) async {
    change(null, status: RxStatus.loading());
    final refDoc = ref.doc(id);
    final data = {
      "id": id,
      "nama": nama,
      "waktupembuatan": waktupembuatan,
      "deskripsi": deskripsi,
      "jenis": jenis,
      "images": image,
      "resep": resep,
    };
    refDoc
      .set(data)
      .then((value) => change(null, status: RxStatus.success()))
      .onError((error, stackTrace) =>
      | | | change(null, status: RxStatus.error(error.toString())));
  }

  Future<String> uploadFile(File image) async {
    final storageReference =
    | | FirebaseStorage.instance.ref().child('Menus/${image.path}');
    await storageReference.putFile(image);
    String returnUrl = "";
    await storageReference.getDownloadURL().then(
    | (fileURL) {
      | | returnUrl = fileURL;
      },
    );
    return returnUrl;
  }

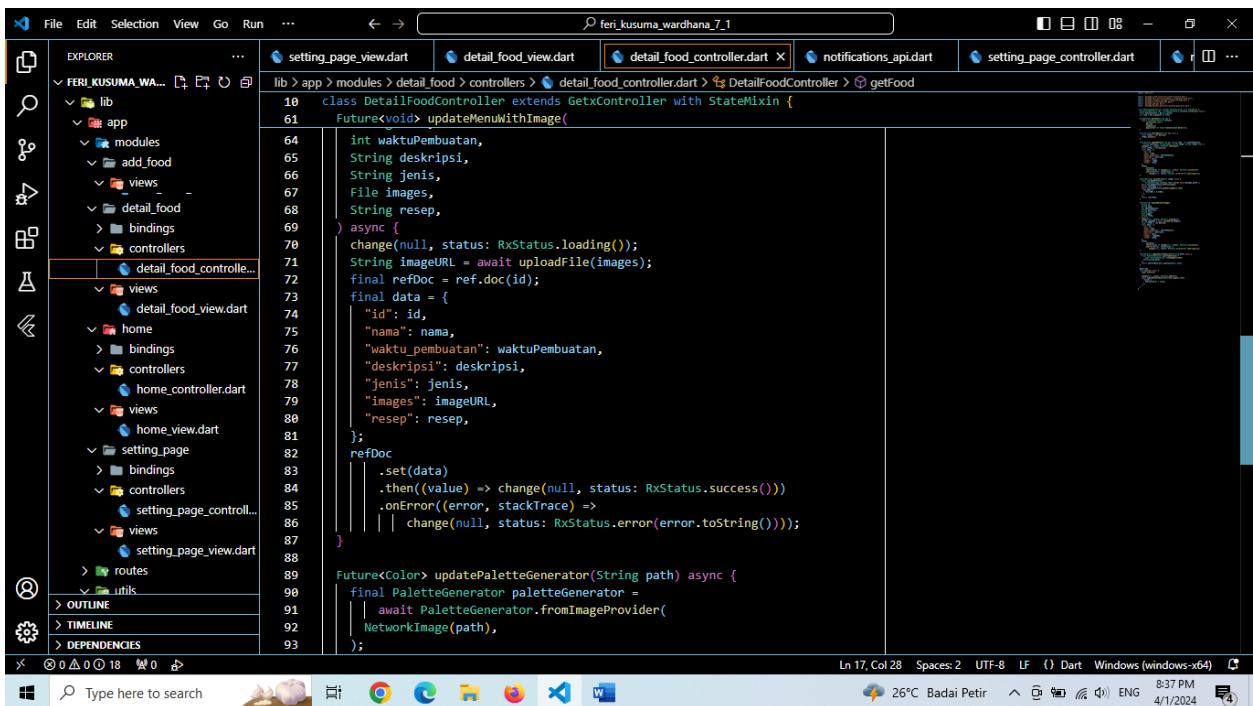
  Future<void> updateMenuWithImage(
  String id,
```

Screenshot 2 (Bottom): Shows the updated implementation of the `DetailFoodController` class. The `updateMenu` method now uses `change(null, status: RxStatus.success())` directly after setting the new data, instead of using a loading state first. The rest of the code remains the same.

```
class DetailFoodController extends GetxController with StateMixin {
  Future<void> updateMenu(String id, String nama, int waktupembuatan,
  | String deskripsi, String jenis, String image, String resep) async {
    change(null, status: RxStatus.loading());
    final refDoc = ref.doc(id);
    final data = {
      "id": id,
      "nama": nama,
      "waktupembuatan": waktupembuatan,
      "deskripsi": deskripsi,
      "jenis": jenis,
      "images": image,
      "resep": resep,
    };
    refDoc
      .set(data)
      .then((value) => change(null, status: RxStatus.success()))
      .onError((error, stackTrace) =>
      | | | change(null, status: RxStatus.error(error.toString())));
  }

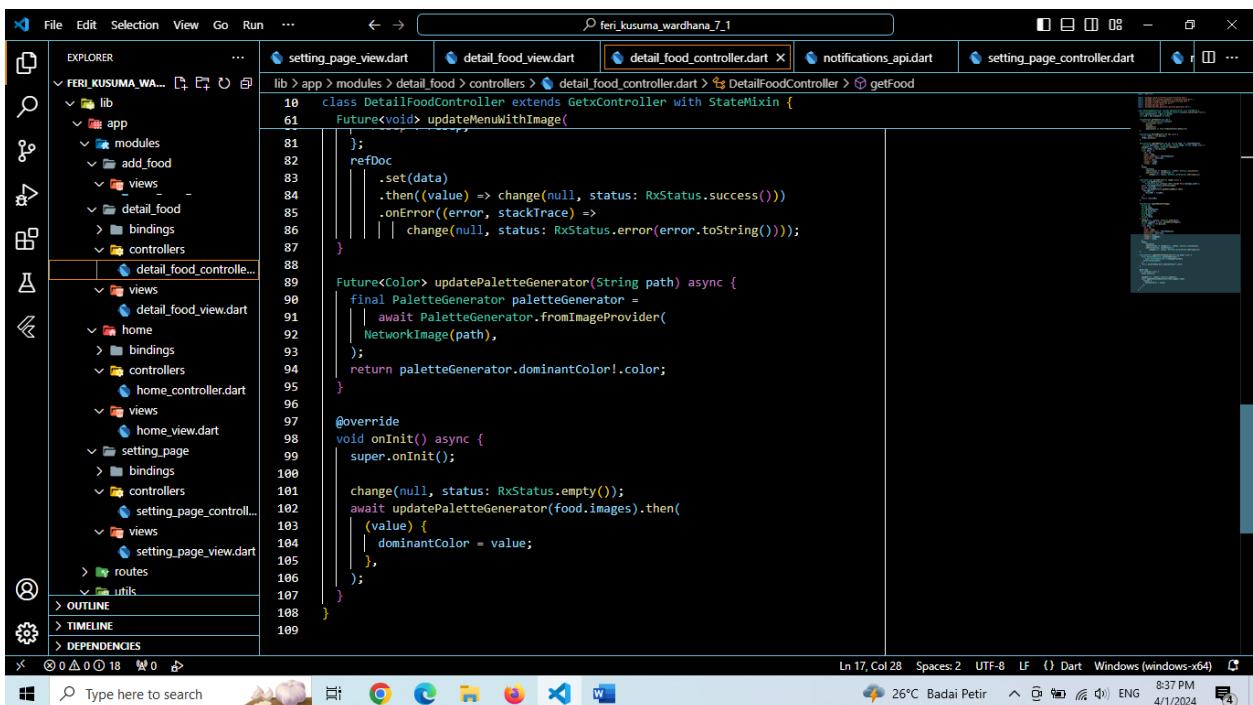
  Future<String> uploadFile(File image) async {
    final storageReference =
    | | FirebaseStorage.instance.ref().child('Menus/${image.path}');
    await storageReference.putFile(image);
    String returnUrl = "";
    await storageReference.getDownloadURL().then(
    | (fileURL) {
      | | returnUrl = fileURL;
      },
    );
    return returnUrl;
  }

  Future<void> updateMenuWithImage(
  String id,
```



```
FERI_KUSUMA_WARDHANA_7_1
setting_page_view.dart detail_food_view.dart detail_food_controller.dart notifications_api.dart setting_page_controller.dart

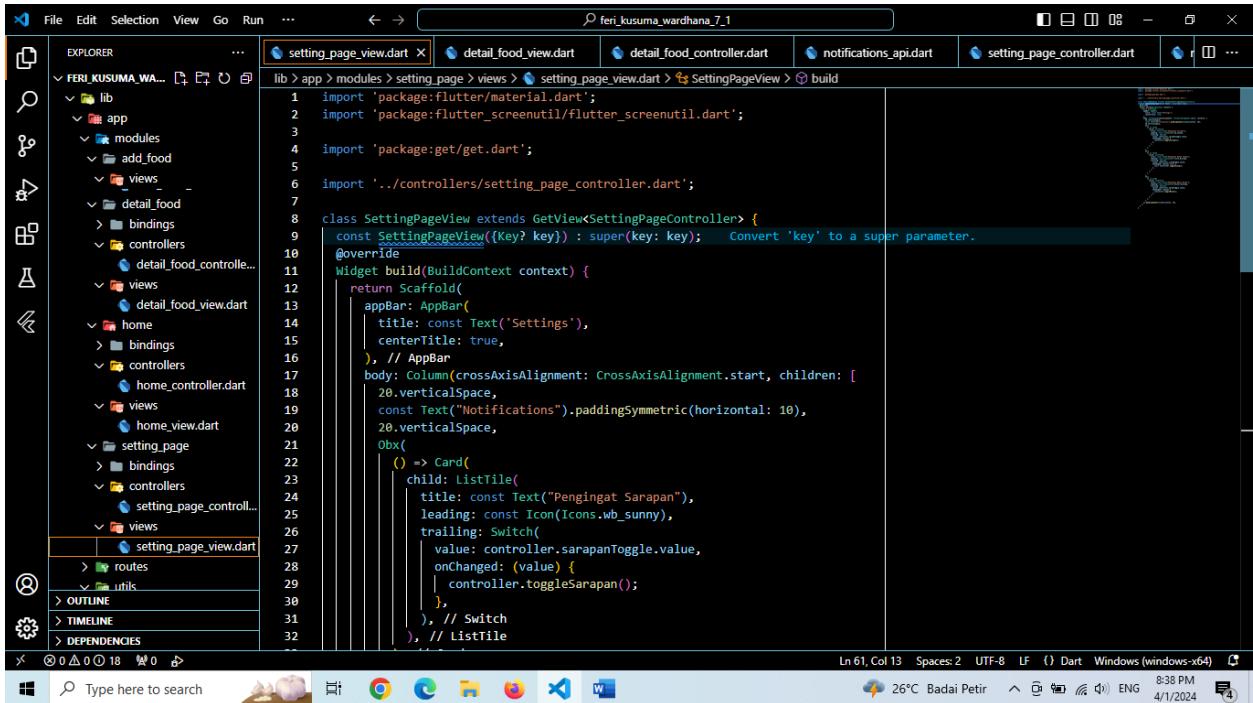
lib > app > modules > detail_food > controllers > detail_food_controller.dart > DetailFoodController with StateMixin<
10 class DetailFoodController extends GetxController with StateMixin<
61 Future<void> updateMenuWithImage(
62   int waktuPembuatan,
63   String deskripsi,
64   String jenis,
65   File images,
66   String resep,
67 ) async {
68   change(null, status: RxStatus.loading());
69   String imageURL = await uploadFile(images);
70   final refDoc = ref.doc(id);
71   final data = {
72     "id": id,
73     "nama": nama,
74     "waktu_pembuatan": waktuPembuatan,
75     "deskripsi": deskripsi,
76     "jenis": jenis,
77     "images": imageURL,
78     "resep": resep,
79   };
79   refDoc
80     .set(data)
81     .then((value) => change(null, status: RxStatus.success()))
82     .onError((error, stackTrace) =>
83       | | change(null, status: RxStatus.error(error.toString())));
84   }
85
86 Future<Color> updatePaletteGenerator(String path) async {
87   final PaletteGenerator paletteGenerator =
88   | | await PaletteGenerator.fromImageProvider(
89     NetworkImage(path),
90   );
91
92   return paletteGenerator.dominantColor!.color;
93 }
94
95 @override
96 void onInit() async {
97   super.onInit();
98
99   change(null, status: RxStatus.empty());
100  await updatePaletteGenerator(food.images).then(
101    (value) {
102      | | dominantColor = value;
103    },
104  );
105 }
106
107 }
108
109 }
```



```
FERI_KUSUMA_WARDHANA_7_1
setting_page_view.dart detail_food_view.dart detail_food_controller.dart notifications_api.dart setting_page_controller.dart

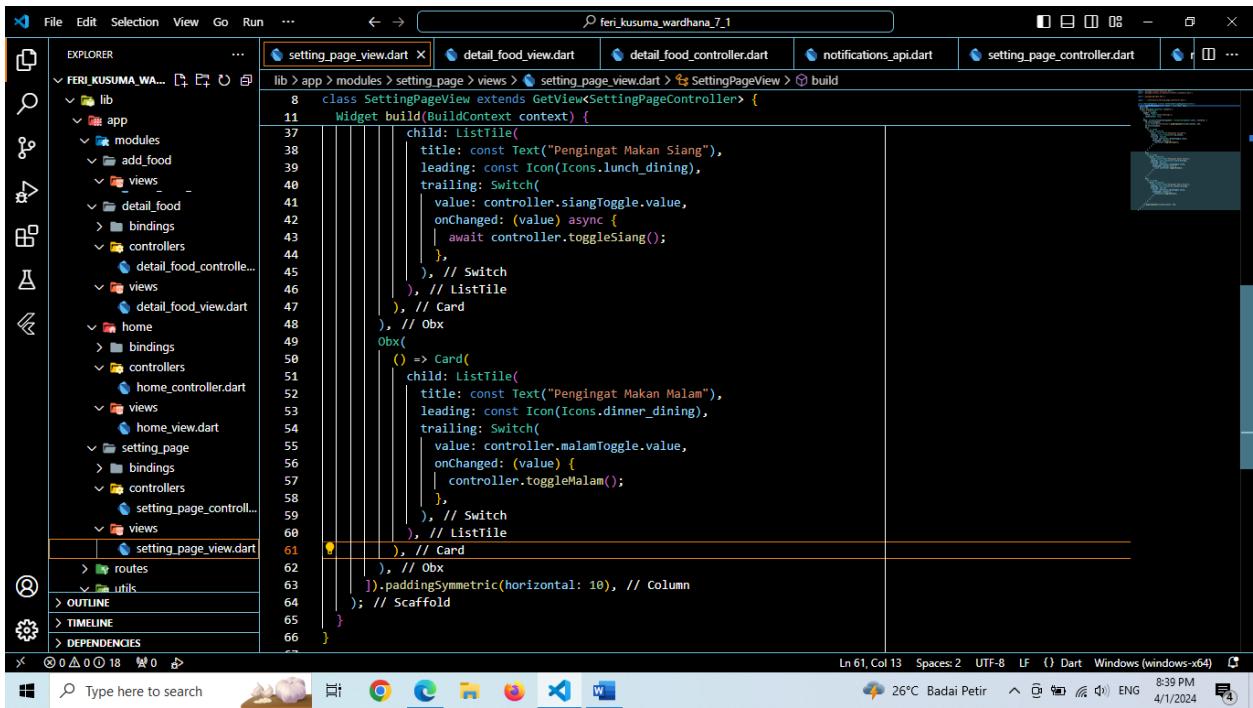
lib > app > modules > detail_food > controllers > detail_food_controller.dart > DetailFoodController with StateMixin<
10 class DetailFoodController extends GetxController with StateMixin<
61 Future<void> updateMenuWithImage(
62   int waktuPembuatan,
63   String deskripsi,
64   String jenis,
65   File images,
66   String resep,
67 ) async {
68   change(null, status: RxStatus.loading());
69   String imageURL = await uploadFile(images);
70   final refDoc = ref.doc(id);
71   final data = {
72     "id": id,
73     "nama": nama,
74     "waktu_pembuatan": waktuPembuatan,
75     "deskripsi": deskripsi,
76     "jenis": jenis,
77     "images": imageURL,
78     "resep": resep,
79   };
79   refDoc
80     .set(data)
81     .then((value) => change(null, status: RxStatus.success()))
82     .onError((error, stackTrace) =>
83       | | change(null, status: RxStatus.error(error.toString())));
84   }
85
86 Future<Color> updatePaletteGenerator(String path) async {
87   final PaletteGenerator paletteGenerator =
88   | | await PaletteGenerator.fromImageProvider(
89     NetworkImage(path),
90   );
91
92   return paletteGenerator.dominantColor!.color;
93 }
94
95 @override
96 void onInit() async {
97   super.onInit();
98
99   change(null, status: RxStatus.empty());
100  await updatePaletteGenerator(food.images).then(
101    (value) {
102      | | dominantColor = value;
103    },
104  );
105 }
106
107 }
108
109 }
```

11. Berikut adalah kode dari setting_page view



```
setting_page_view.dart
lib > app > modules > setting_page > views > setting_page_view.dart > SettingPageView > build
1 import 'package:flutter/material.dart';
2 import 'package:flutter_screenutil/flutter_screenutil.dart';
3
4 import 'package:get/get.dart';
5
6 import '../controllers/setting_page_controller.dart';
7
8 class SettingPageView extends StatelessWidget {
9   const SettingPageView({Key? key}) : super(key: key); // Convert 'key' to a super parameter.
10  @override
11  Widget build(BuildContext context) {
12    return Scaffold(
13      appBar: AppBar(
14        title: const Text('Settings'),
15        centerTitle: true,
16      ), // AppBar
17      body: Column(crossAxisAlignment: CrossAxisAlignment.start, children: [
18        const Text("Notifications").paddingSymmetric(horizontal: 10),
19        const Text(""),
20        const Text(""),
21        Obx(
22          () => Card(
23            child: ListTile(
24              title: const Text("Pengingat Sarapan"),
25              leading: const Icon(Icons.wb_sunny),
26              trailing: Switch(
27                value: controller.sarapanToggle.value,
28                onChanged: (value) {
29                  controller.toggleSarapan();
30                },
31              ), // Switch
32            ), // Listtile
33          ),
34        ),
35      ],
36    );
37  }
38}
39
40
41
42
43
44
45
46
47
48
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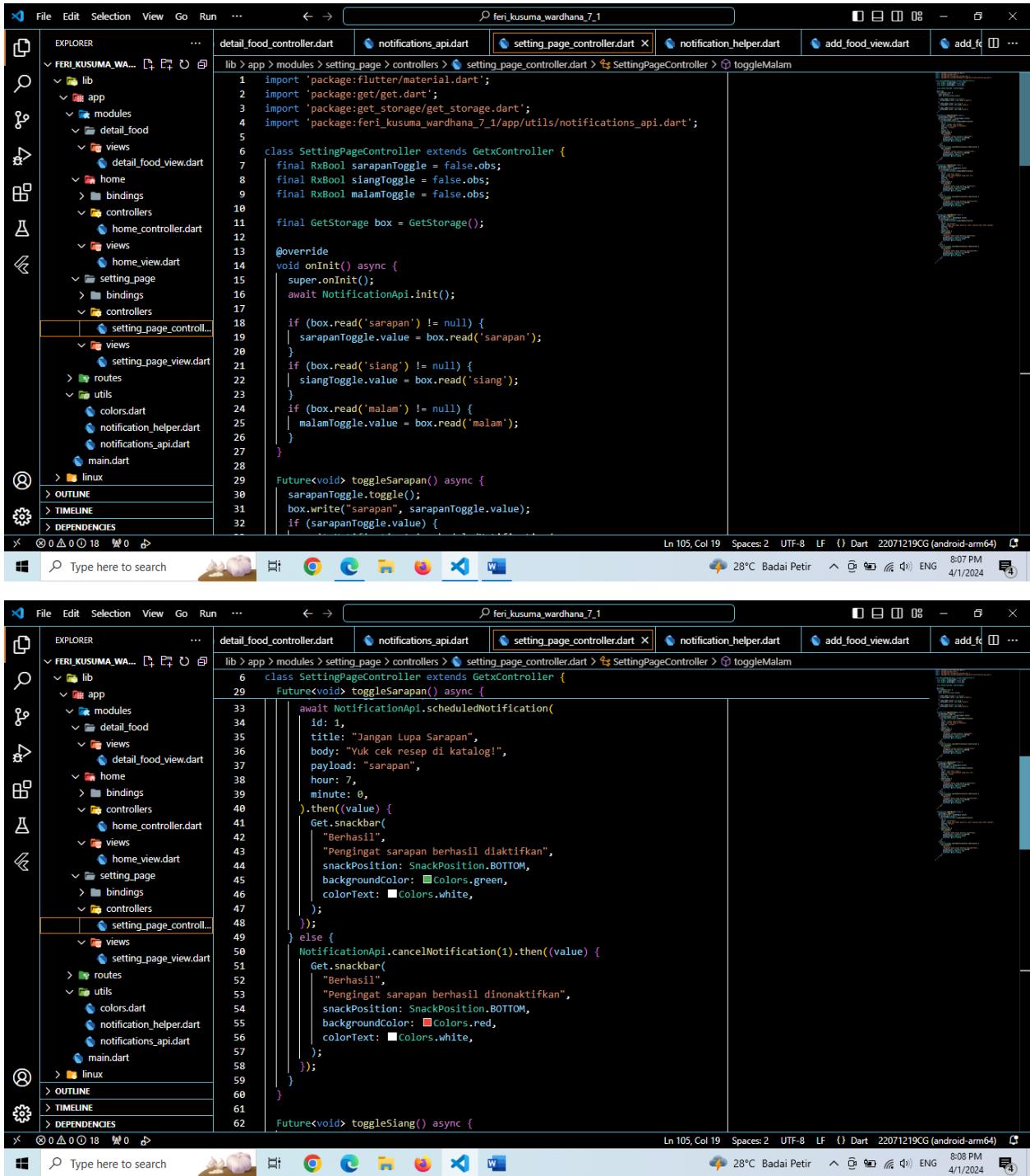
```



```
setting_page_view.dart
lib > app > modules > setting_page > views > setting_page_view.dart > SettingPageView > build
8 class SettingPageView extends StatelessWidget {
9   Widget build(BuildContext context) {
37     child: ListTile(
38       title: const Text("Pengingat Makan Siang"),
39       leading: const Icon(Icons.lunch_dining),
40       trailing: Switch(
41         value: controller.siagToggle.value,
42         onChanged: (value) async {
43           await controller.toggleSiang();
44         },
45       ), // Switch
46     ), // ListTile
47   ), // Card
48 }, // Obx
49 Obx(
50   () => Card(
51     child: ListTile(
52       title: const Text("Pengingat Makan Malam"),
53       leading: const Icon(Icons.dinner_dining),
54       trailing: Switch(
55         value: controller.malamToggle.value,
56         onChanged: (value) {
57           controller.toggleMalam();
58         },
59       ), // Switch
60     ), // ListTile
61   ), // Card
62 ), // Obx
63 ).paddingSymmetric(horizontal: 10), // Column
64 ); // Scaffold
65
66

```

12. Berikut adalah kode dari setting_page controller



```
lib > app > modules > setting_page > controllers > setting_page_controller.dart > SettingPageController > toggleMalam
1 import 'package:flutter/material.dart';
2 import 'package:get/get.dart';
3 import 'package:get_storage/get_storage.dart';
4 import 'package:feri_kusuma_wardhana_7_1/app/utils/notifications_api.dart';
5
6 class SettingPageController extends GetxController {
7   final RxBool sarapanToggle = false.obs;
8   final RxBool siangToggle = false.obs;
9   final RxBool malamToggle = false.obs;
10
11   final GetStorage box = GetStorage();
12
13   @override
14   void onInit() async {
15     super.onInit();
16     await NotificationApi.init();
17
18     if (box.read('sarapan') != null) {
19       | sarapanToggle.value = box.read('sarapan');
20     }
21     if (box.read('siang') != null) {
22       | siangToggle.value = box.read('siang');
23     }
24     if (box.read('malam') != null) {
25       | malamToggle.value = box.read('malam');
26     }
27   }
28
29   Future<void> toggleSarapan() async {
30     sarapanToggle.toggle();
31     box.write("sarapan", sarapanToggle.value);
32     if (sarapanToggle.value)
33       | await NotificationApi.scheduleNotification(
34         id: 1,
35         title: "Jangan Lupa Sarapan",
36         body: "Yuk cek resep di katalog!",
37         payload: "sarapan",
38         hour: 7,
39         minute: 0,
40       ).then((value) {
41         Get.snackbar(
42           "Berhasil",
43           "Pengingat sarapan berhasil diaktifkan",
44           snackPosition: SnackPosition.BOTTOM,
45           backgroundColor: Colors.green,
46           colorText: Colors.white,
47         );
48       });
49     } else {
50       NotificationApi.cancelNotification(1).then((value) {
51         Get.snackbar(
52           "Berhasil",
53           "Pengingat sarapan berhasil dinonaktifkan",
54           snackPosition: SnackPosition.BOTTOM,
55           backgroundColor: Colors.red,
56           colorText: Colors.white,
57         );
58       });
59     }
60   }
61
62   Future<void> toggleSiang() async {
```

The screenshot shows a code editor window with the file `setting_page_controller.dart` open. The code implements a `SettingPageController` class that extends `GetxController`. It contains two methods: `toggleSiang()` and `toggleMalam()`. Both methods use `GetxService.box` to write values to storage and then call `NotificationApi.scheduledNotification` to send a scheduled notification. The notifications are for lunch and dinner respectively, with details like title, body, payload, hour, minute, and snack position.

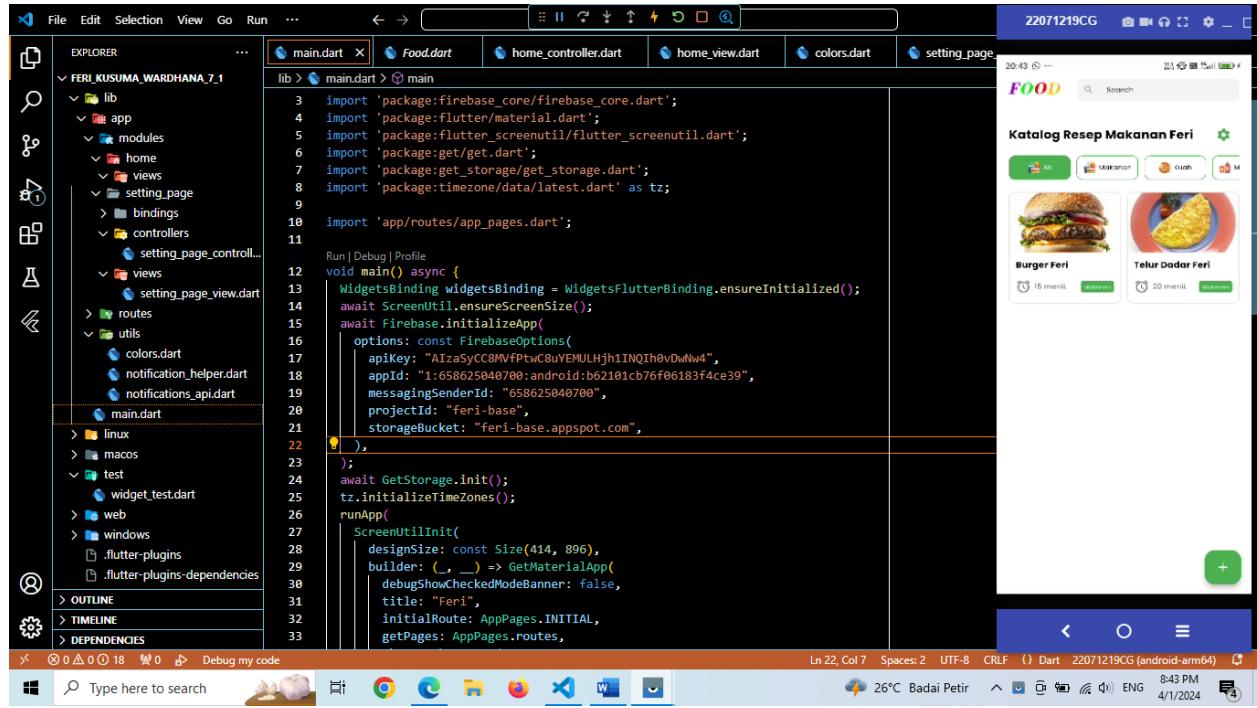
```
6   class SettingPageController extends GetxController {
53
54   Future<void> toggleSiang() async {
55     SiangToggle.toggle();
56     box.write("siang", siangToggle.value);
57     if (siangToggle.value) {
58       await NotificationApi.scheduledNotification(
59       id: 2,
60       title: "Lets have lunch!",
61       body: "Lihat resep makanan siang hari ini",
62       payload: "siang",
63       hour: 12,
64       minute: 0,
65     ).then((value) {
66       Get.snackbar(
67         "Berhasil",
68         "Pengingat makan siang berhasil diaktifkan",
69         snackPosition: SnackPosition.BOTTOM,
70         backgroundColor: Colors.green,
71         colorText: Colors.white,
72     );
73   });
74 } else {
75   NotificationApi.cancelNotification(2).then((value) {
76   Get.snackbar(
77     "Berhasil",
78     "Pengingat makan siang berhasil dinonaktifkan",
79     snackPosition: SnackPosition.BOTTOM,
80     backgroundColor: Colors.red,
81     colorText: Colors.white,
82   );
83 });
84 }
85 }
86
87
88
89
90
91
92
93 }
```

This screenshot is identical to the one above, showing the same code for the `SettingPageController` class. It includes the `toggleSiang()` and `toggleMalam()` methods, which handle notifications for lunch and dinner respectively. The code uses `GetxService.box` to store toggle states and `NotificationApi` to send scheduled notifications with specific details like title, body, payload, hour, minute, and snack position.

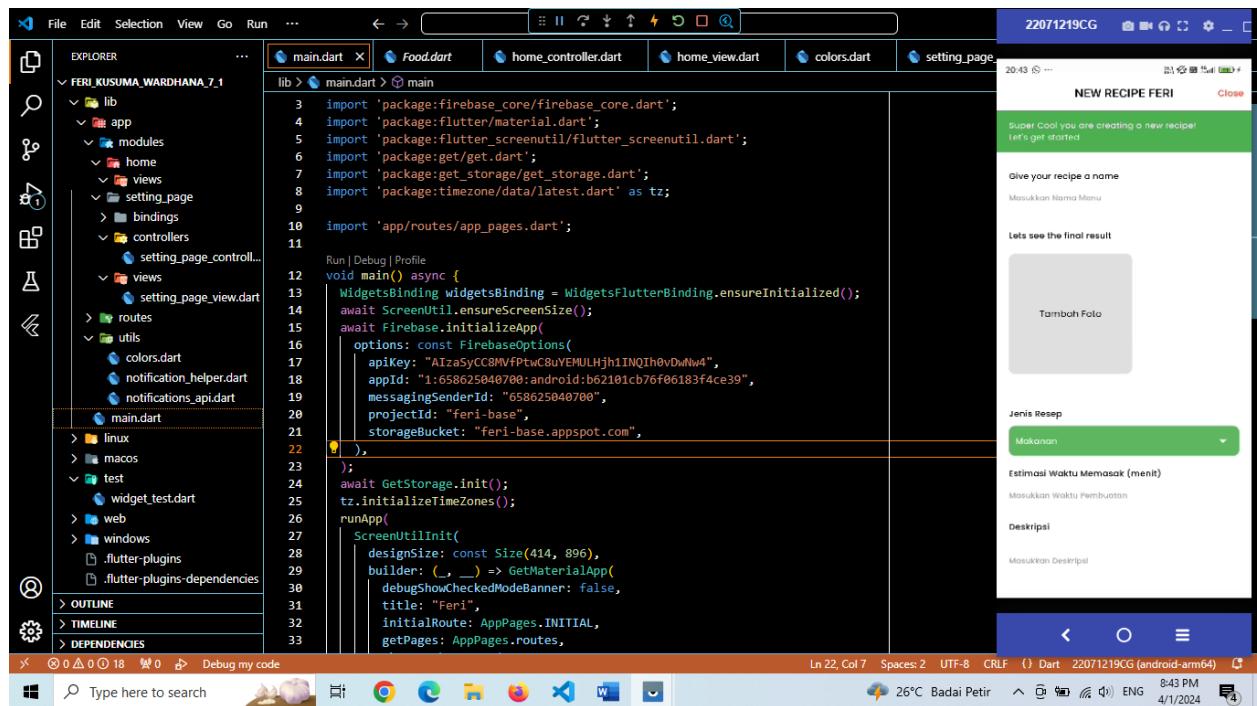
```
6   class SettingPageController extends GetxController {
53
54   Future<void> toggleMalam() async {
55     malamToggle.toggle();
56     box.write("malam", malamToggle.value);
57     if (malamToggle.value) {
58       await NotificationApi.scheduledNotification(
59       id: 3,
60       title: "Yuk Dinner",
61       body: "Jangan lupa makan malam ya, nanti tidurnya akan lebih nyenyak",
62       payload: "malam",
63       hour: 18,
64       minute: 0,
65     ).then((value) {
66       Get.snackbar(
67         "Berhasil",
68         "Pengingat makan malam berhasil diaktifkan",
69         snackPosition: SnackPosition.BOTTOM,
70         backgroundColor: Colors.green,
71         colorText: Colors.white,
72     );
73   });
74 } else {
75   NotificationApi.cancelNotification(3).then((value) {
76   Get.snackbar(
77     "Berhasil",
78     "Pengingat makan malam berhasil dinonaktifkan",
79     snackPosition: SnackPosition.BOTTOM,
80     backgroundColor: Colors.red,
81     colorText: Colors.white,
82   );
83 });
84 }
85 }
86
87
88
89
90
91
92
93 }
```

A. Tampilan Aplikasi

- 1) Berikut adalah tampilan dari home kemudian jika ingin menambahkan bisa klik floating di kanan bawah



- 2) Kemudian akan muncul seperti dibawah ini dimana mengisi nama resep , gambar, deskripsi , estimasi waktu , jenis resep dan langkah nya



File Edit Selection View Go Run ...

EXPLORER FERI_KUSUMA_WARDHANA_7_1

- lib
- app
 - modules
 - home
 - views
 - setting_page
 - bindings
 - controllers
 - setting_page_controller.dart
 - views
 - setting_page_view.dart
 - routes
 - utils
 - colors.dart
 - notification_helper.dart
 - notifications_api.dart
 - main.dart
- test
- web
- windows
- flutter-plugins
- .flutter-plugins-dependencies

OUTLINE

TIMELINE

DEPENDENCIES

main.dart X Food.dart home_controller.dart home_view.dart colors.dart setting_page.dart

```

3 import 'package:firebase_core/firebase_core.dart';
4 import 'package:flutter/material.dart';
5 import 'package:flutter_screenutil/flutter_screenutil.dart';
6 import 'package:get/get.dart';
7 import 'package:get_storage/get_storage.dart';
8 import 'package:intl/intl.dart' as tz;
9
10 import 'app/routes/app_pages.dart';
11
12 Run | Debug | Profile
void main() async {
  WidgetsBinding widgetsBinding = WidgetsFlutterBinding.ensureInitialized();
  await ScreenUtil.ensureScreenSize();
  await Firebase.initializeApp(
    options: const FirebaseOptions(
      apiKey: "AIzaSyCC8MfPtw8UYEMULHjh1INQIh0vDwNw4",
      appId: "1:658625040700:android:b62101cb76f06183f4ce39",
      messagingSenderId: "658625040700",
      projectId: "feri-base",
      storageBucket: "feri-base.appspot.com",
    ),
  );
  await GetStorage.init();
  tz.initializeTimeZones();
  runApp(
    ScreenUtilInit(
      designSize: const Size(414, 896),
      builder: (_, __) => GetMaterialApp(
        debugShowCheckedModeBanner: false,
        title: "Feri",
        initialRoute: AppPages.INITIAL,
        getPages: AppPages.routes,
      ),
    ),
  );
}
  
```

Jenis Resep

Makanan

Estimasi Waktu Memasak (menit)

15

Deskripsi

Telur yang sangat enak dan bergizi dan mudah dalam membuatnya

22071219CG 8:46 PM 4/1/2024

File Edit Selection View Go Run ...

EXPLORER FERI_KUSUMA_WARDHANA_7_1

- lib
- main.dart X Food.dart home_controller.dart home_view.dart colors.dart setting_page.dart

```

3 import 'package:firebase_core/firebase_core.dart';
4 import 'package:flutter/material.dart';
5 import 'package:flutter_screenutil/flutter_screenutil.dart';
6 import 'package:get/get.dart';
7 import 'package:get_storage/get_storage.dart';
8 import 'package:intl/intl.dart' as tz;
9
10 import 'app/routes/app_pages.dart';
11
12 Run | Debug | Profile
void main() async {
  WidgetsBinding widgetsBinding = WidgetsFlutterBinding.ensureInitialized();
  await ScreenUtil.ensureScreenSize();
  await Firebase.initializeApp(
    options: const FirebaseOptions(
      apiKey: "AIzaSyCC8MfPtw8UYEMULHjh1INQIh0vDwNw4",
      appId: "1:658625040700:android:b62101cb76f06183f4ce39",
      messagingSenderId: "658625040700",
      projectId: "feri-base",
      storageBucket: "feri-base.appspot.com",
    ),
  );
  await GetStorage.init();
  tz.initializeTimeZones();
  runApp(
    ScreenUtilInit(
      designSize: const Size(414, 896),
      builder: (_, __) => GetMaterialApp(
        debugShowCheckedModeBanner: false,
        title: "Feri",
        initialRoute: AppPages.INITIAL,
        getPages: AppPages.routes,
      ),
    ),
  );
}
  
```

Jenis Resep

Makanan

Estimasi Waktu Memasak (menit)

15

Deskripsi

Telur yang sangat enak dan bergizi dan mudah dalam membuatnya

Resep, bahan dan langkah

bahan :

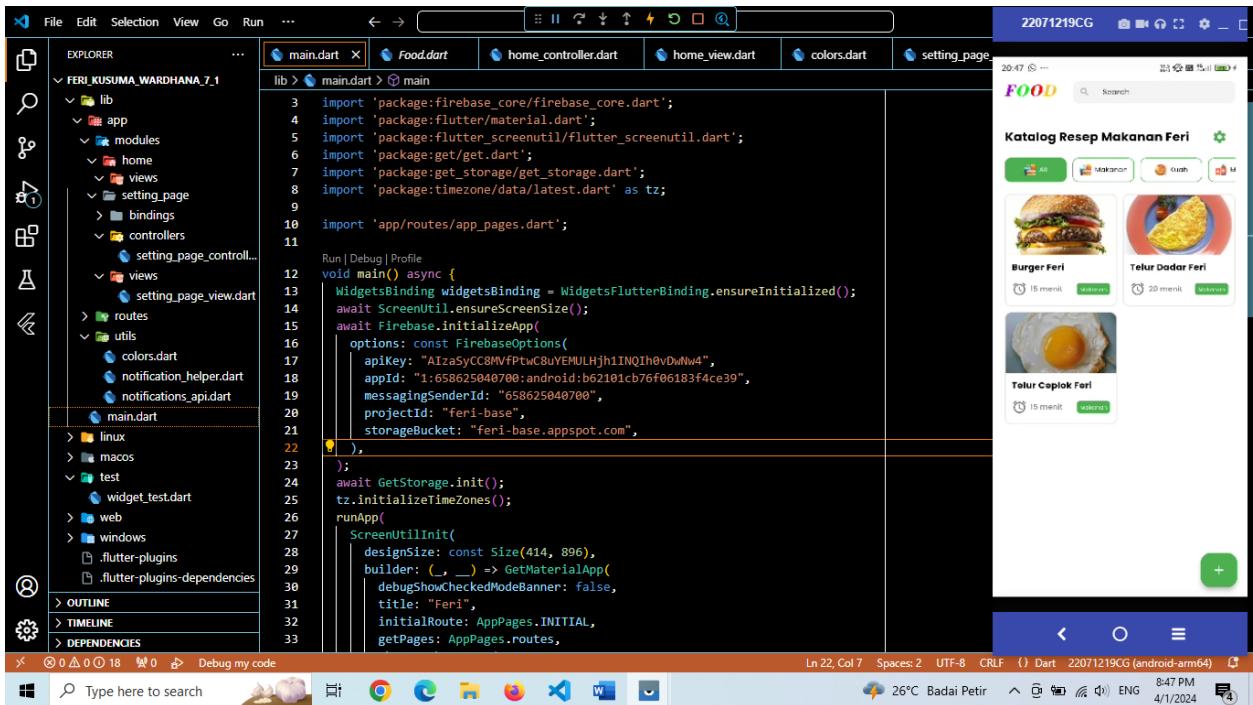
1 butir telor (telurnya sembarang sesukanya)
(karena saya cmn punya satu telur jadi cmn bikin satu butir telur secukupnya garam
1 sendok makan minyak

langkah - langkah :

Add Menu

22071219CG 8:46 PM 4/1/2024

3) Kemudian jika diklik menu maka akan otomatis muncul seperti dibawah ini

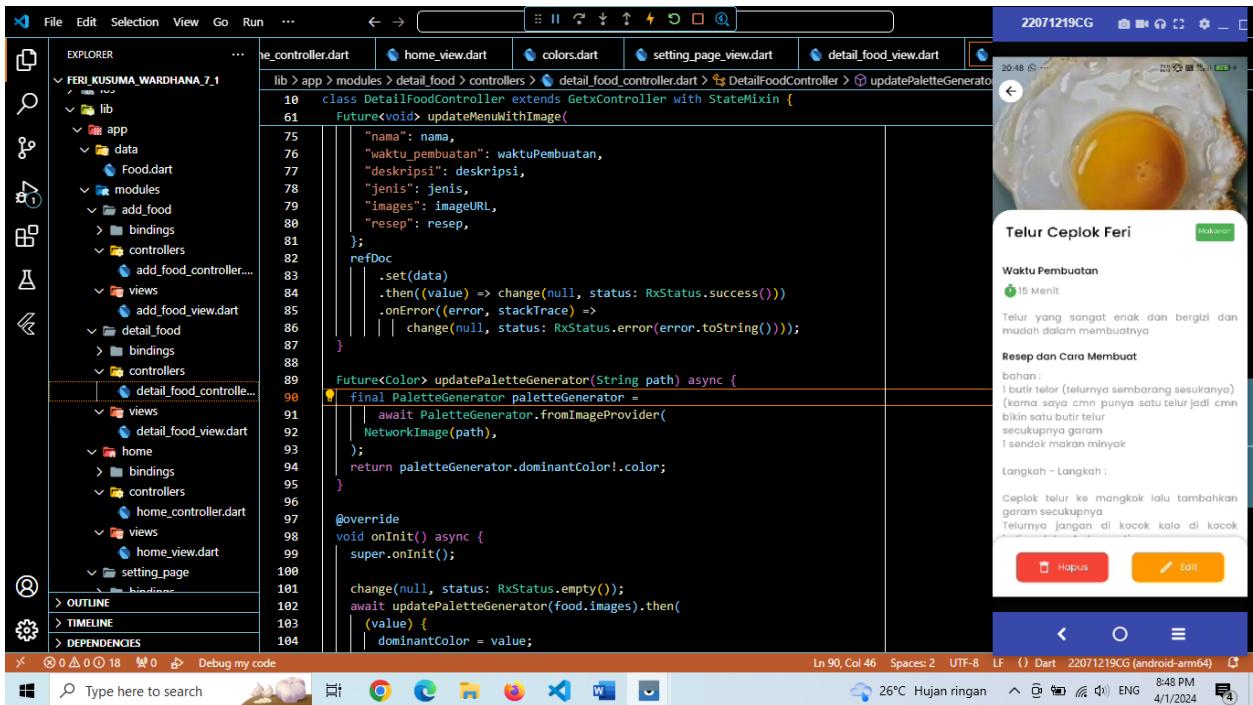


4) Di firestore database ada penambahan data

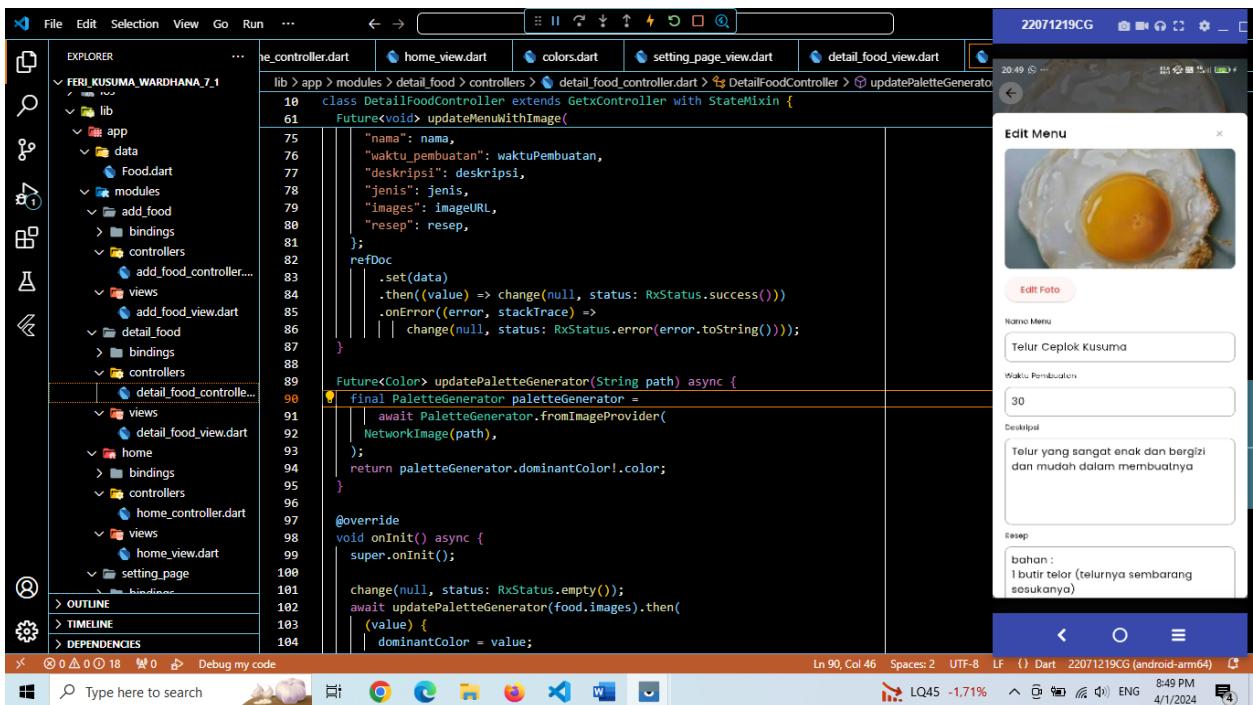
The screenshot shows the Firebase Firestore console in a web browser. A document in the 'Food' collection is being viewed. The document has the ID 'hh1MB5Hee56qUU4x0YoYb'. The data fields include:

- descripsi: "Telur yang sangat enak dan mudah dalam membuatnya"
- id: "hh1MB5Hee56qUU4x0YoYb"
- images: "https://firebasestorage.googleapis.com/v0/b/feri-base.appspot.com/o/Menus%2Fdata%2Fuser%2F0%2Fcc857f4d5e-ae8d-4572fd87794%2F1000389304.webp?alt=media&token=11c683f3-9ab0-4cec-98f3-e80afbe97d3f"
- jenis: "Makanan"
- nama: "Telur Ceplok Feri"
- resep: "bahan : 1 butir telur (telurnya sembarang sesukanya) (karna saya cmn punya satu telur jadi cmn bikin satu butir telur secukupnya garam 1 sendok makan minyak Langkah - Langkah : Ceplok telur ke mangkok lalu tambahkan garam secukupnya Telurnya jangan di kocok kalo di kocok jadinya telur dadar nanti Panaskan

5) Kemudian jika diklik resepnya maka akan masuk ke halaman detail



6) Jika klik tombol edit maka akan masuk ke edit kemudian bisa diganti



7) Setelah disimpan maka pada aplikasi pun juga akan berganti sesuai dengan apa yang diganti contohnya pergantian nama dan estimasi waktu

The screenshot shows a Dart development environment with the following details:

- Code Editor:** The file `detail_food_controller.dart` is open, showing code related to updating a palette generator based on food images.
- Run View:** A preview of the mobile application is displayed, showing a recipe card for "Telur Ceplok Kusuma". The card includes a photo of fried eggs, the name "Telur Ceplok Kusuma", preparation time ("30 Menit"), and a note about the egg being soft and fluffy. Below the card is a section titled "Resep dan Cara Membuat" with cooking instructions.
- Bottom Status Bar:** Shows battery level (LQ45), signal strength, and system status (Dart, 22071219CG, android-arm64).

8) Pada firestore database seperti ini

The screenshot shows the Firebase Firestore console with the following details:

- Sidebar:** Shows project overview, real-time database, storage, extensions, and release monitor.
- Firestore Database:** Selected in the sidebar.
- Collection:** "Food" is selected under the "Food" collection.
- Document:** A document named `hh1MB5Hee56qUU4x0oYb` is shown with the following fields:
 - (default)**: A field with three sub-fields: `49iXGGoirhGDqDbcQ5VI`, `SATE8zyaVMy52Gp5Soop`, and `hh1MB5Hee56qUU4x0oYb`.
 - Food**: A field with three sub-fields: `857f4d5e-ae8d-45721d877941%F1000389304.webp?`, `alt=media&token=11c683f3-9ab0-4cec-98f3-e80afbe97d3f`, and `jenis: "Makanan"`.
 - resep**: A field containing the full recipe text from the previous screenshot.
 - waktu_pembuatan**: A field with the value `30`.

- 9) Jika klik tombol hapus maka akan muncul pop up konfirmasi dan jika klik ya maka data resep tersebut akan hilang

The screenshot shows a developer's workspace with a Flutter project open in Visual Studio Code (VS Code) and a browser preview.

VS Code (Left):

- File Explorer:** Shows the project structure under "FERI_KUSUMA_WARDHANA_7_1".
- Code Editor:** Displays the file "detail_food_controller.dart". The code implements a `DetailFoodController` class extending `GetxController` with `StateMixin`. It includes methods for updating the menu image and palette generator, and overriding `onInit` to change the status and update the palette generator.
- Bottom Bar:** Includes icons for file operations like Open, Save, and Run, along with "Debug my code".

Browser Preview (Right):

- Header:** Shows the URL "22071219CG" and various browser icons.
- Page Content:** Titled "Katalog Resep Makanan Feri".
 - Burger Feri:** Image of a burger, 15 menit preparation time.
 - Telur Dadar Feri:** Image of an omelette, 20 menit preparation time.
- Bottom Bar:** Includes a search bar, a green button with a plus sign, and navigation icons.

System Tray (Bottom Right):

- Temperature: 26°C
- Weather: Hujan ringan
- Date: 4/1/2024
- Time: 8:51 PM

- 10) Kemudian jika klik icon setting pada home maka akan masuk ke halaman setting seperti dibawah ini

```

File Edit Selection View Go Run ...
EXPLORER
lib > app > modules > detail_food > controllers > DetailFoodController.dart
10 class DetailFoodController extends GetxController with StateMixin<...
61 Future<void> updateMenuWithImage(
75   "nama": nama,
76   "waktu_pembuatan": waktuPembuatan,
77   "deskripsi": deskripsi,
78   "jenis": jenis,
79   "images": imageURL,
80   "resep": resep,
81 );
82 refDoc
83   .set(data)
84   .then((value) => change(null, status: RxStatus.success()))
85   .onError((error, stackTrace) =>
86     | | change(null, status: RxStatus.error(error.toString())));
87
88 Future<Color> updatePaletteGenerator(String path) async {
89   final PaletteGenerator paletteGenerator =
90   | | await PaletteGenerator.fromImageProvider(
91   NetworkImage(path),
92   );
93   return paletteGenerator.dominantColor!.color;
94 }
95
96 @override
97 void onChanged() async {
98   super.onChanged();
99
100   change(null, status: RxStatus.empty());
101   await updatePaletteGenerator(food.images).then(
102     (value) {
103       | | dominantColor = value;
104     }
105   );
}

```

- 11) Jika mengaktifkan mengingat baik sarapan , makan siang atau makan malam maka akan muncul snackbar seperti dibawah ini

Berhasil
Pengingat makan siang berhasil diklikkan

12) Jika menonaktifkan maka akan muncul snack bar seperti dibawah ini

The screenshot shows a mobile application development environment. On the left is the Android Studio interface with toolbars and a search bar at the bottom. The main area displays a Dart file named `DetailFoodController.dart`. The code is as follows:

```
class DetailFoodController extends GetxController with StateMixin {
  Future<void> updateMenuWithImage() {
    "nama": nama,
    "waktu_pembuatan": waktuPembuatan,
    "deskripsi": deskripsi,
    "jenis": jenis,
    "images": imageURL,
    "resep": resep,
  };
  refDoc
    .set(data)
    .then((value) => change(null, status: RxStatus.success()))
    .onError((error, stackTrace) =>
    | | change(null, status: RxStatus.error(error.toString())));
}

Future<Color> updatePaletteGenerator(String path) async {
  final PaletteGenerator paletteGenerator =
  await PaletteGenerator.fromImageProvider(
    NetworkImage(path),
  );
  return paletteGenerator.dominantColor!.color;
}

@Override
void onInit() async {
  super.onInit();

  change(null, status: RxStatus.empty());
  await updatePaletteGenerator(food.images).then(
    (value) {
      | | dominantColor = value;
    }
}
```

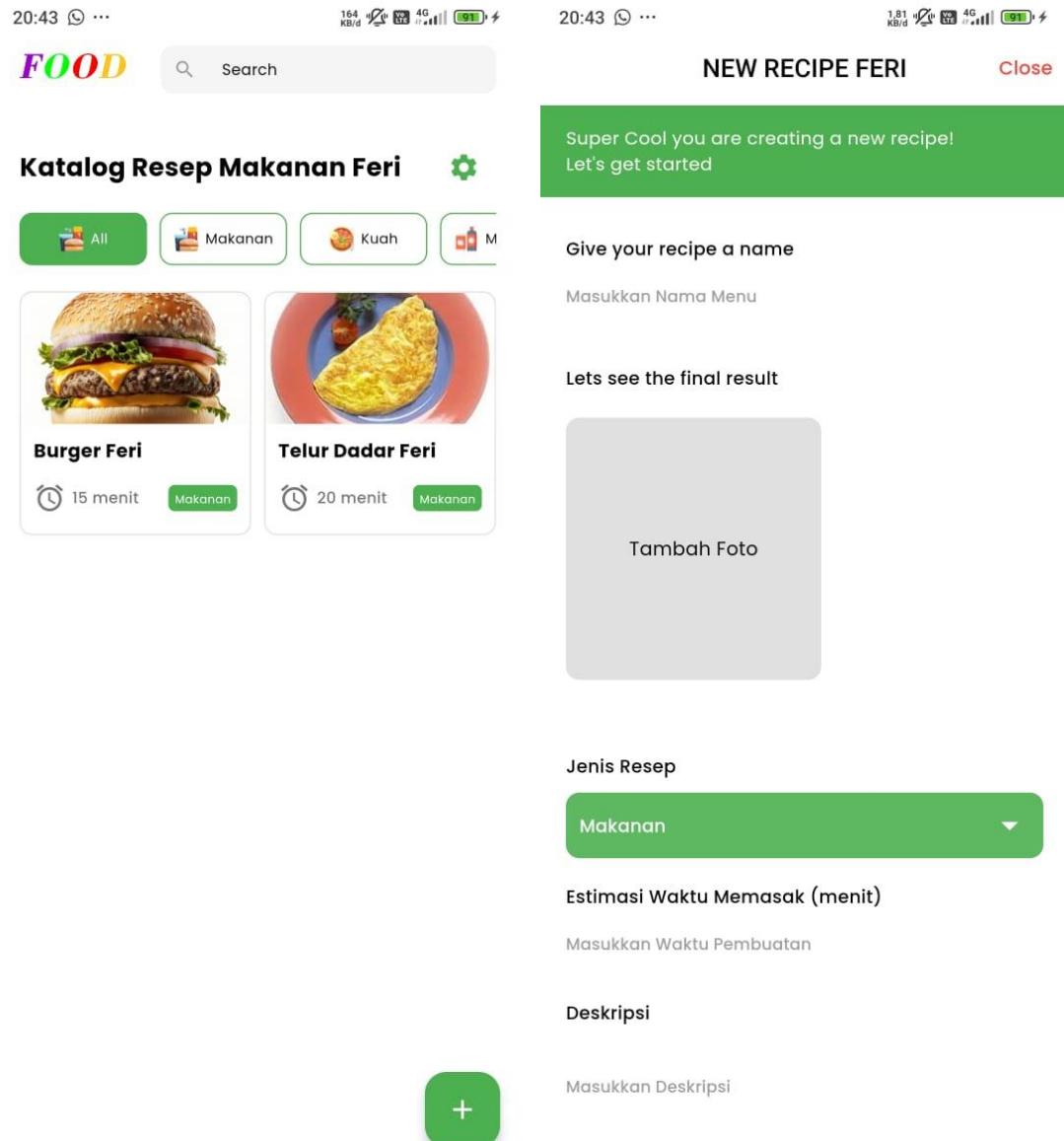
To the right of the code editor is a notifications panel titled "Settings". It lists three notifications:

- Pengingat Sarapan
- Pengingat Makan Siang
- Pengingat Makan Malam

A red toast message at the bottom right of the screen says "Berhasil Pengingat sarapan berhasil dinonaktifkan". The status bar at the very bottom shows system information like battery level, temperature (26°C), and date/time (4/1/2024).

B. Berikut adalah tampilan dari hp

1. Berikut tampilan utama atau home akan seperti dibawah ini , dimana nanti bisa klik floating tambah yang ada di bawah kanan kemudian akan muncul New Recipe Feri



2. Kemudian isinya seperti dibawah ini dengan ada nama , gambar , jenis resep , estimasi waktu memasak , deskripsi , resep , bahan dan langkah

20:46 ⓘ ...

NEW RECIPE FERI Close

Super Cool you are creating a new recipe!
Let's get started

Give your recipe a name
Telur Ceplok Feri

Lets see the final result



Jenis Resep

Makanan

Estimasi Waktu Memasak (menit)

15

Deskripsi

Telur yang sangat enak dan bergizi dan mudah dalam membuatnya

Resep, bahan dan langkah

bahan :

1 butir telor (telurnya sembarang sesukanya)
(karna saya cmn punya satu telur jadi cmn bikin satu butir telur secukupnya garam
1 sendok makan minyak

Langkah - Langkah :

Add Menu

20:46 ⓘ ...

NEW RECIPE FERI Close



Jenis Resep

Makanan

Estimasi Waktu Memasak (menit)

15

Deskripsi

Telur yang sangat enak dan bergizi dan mudah dalam membuatnya

Resep, bahan dan langkah

bahan :

1 butir telor (telurnya sembarang sesukanya)
(karna saya cmn punya satu telur jadi cmn bikin satu butir telur secukupnya garam
1 sendok makan minyak

Langkah - Langkah :

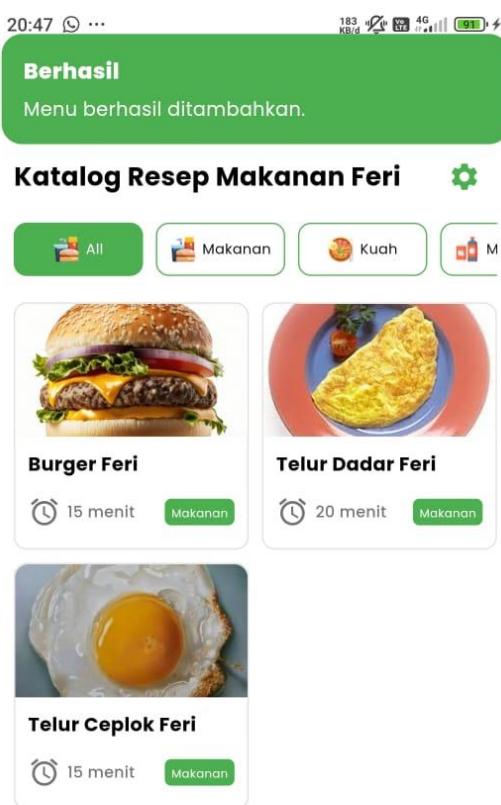
Add Menu

3. Jika sudah di add menu maka pada firestore database akan otomatis membuat seperti dibawah ini

The screenshot shows the Firebase Cloud Firestore interface. On the left, there's a sidebar with project settings and various monitoring tools like Realtime Database, Storage, and Analytics. The main area is titled "Food" and shows a document with the ID "hh1MB5Hee56qUU4x0oYb". The document contains the following fields:

- deskripsi: "Telur yang sangat enak dan mudah dalam membuatnya"
- id: "hh1MB5Hee56qUU4x0oYb"
- images: "https://firebasestorage.googleapis.com/v0/b/feri-base.appspot.com/o/Menus%2Fdata%2Fuser%2F0%2Fcc0857f4d5e-ae8d-4572fd87794%2F1000389304.webp?alt=media&token=11c683f3-9ab0-4cec-98f3-e80afbe97d3f"
- jenis: "Makanan"
- nama: "Telur Ceplok Feri"
- resep: "bahan : 1 butir telor (telurnya sembarang sesukanya) (karna saya cmn punya satu telur jadi cmn bikin satu butir telur secukupnya garam 1 sendok makan minyak Langkah - Langkah : Ceplok telur ke mangkok lalu tambahkan garam secukupnya Telurnya jangan di kocok kalo di kocok jadinya telur dadar nanti Panaskan

4. Kemudian pada aplikasi pun juga akan bertambah dan jika klik telur ceplok feri akan masuk ke detail dari resep tersebut



Resep dan Cara Membuat

bahan :

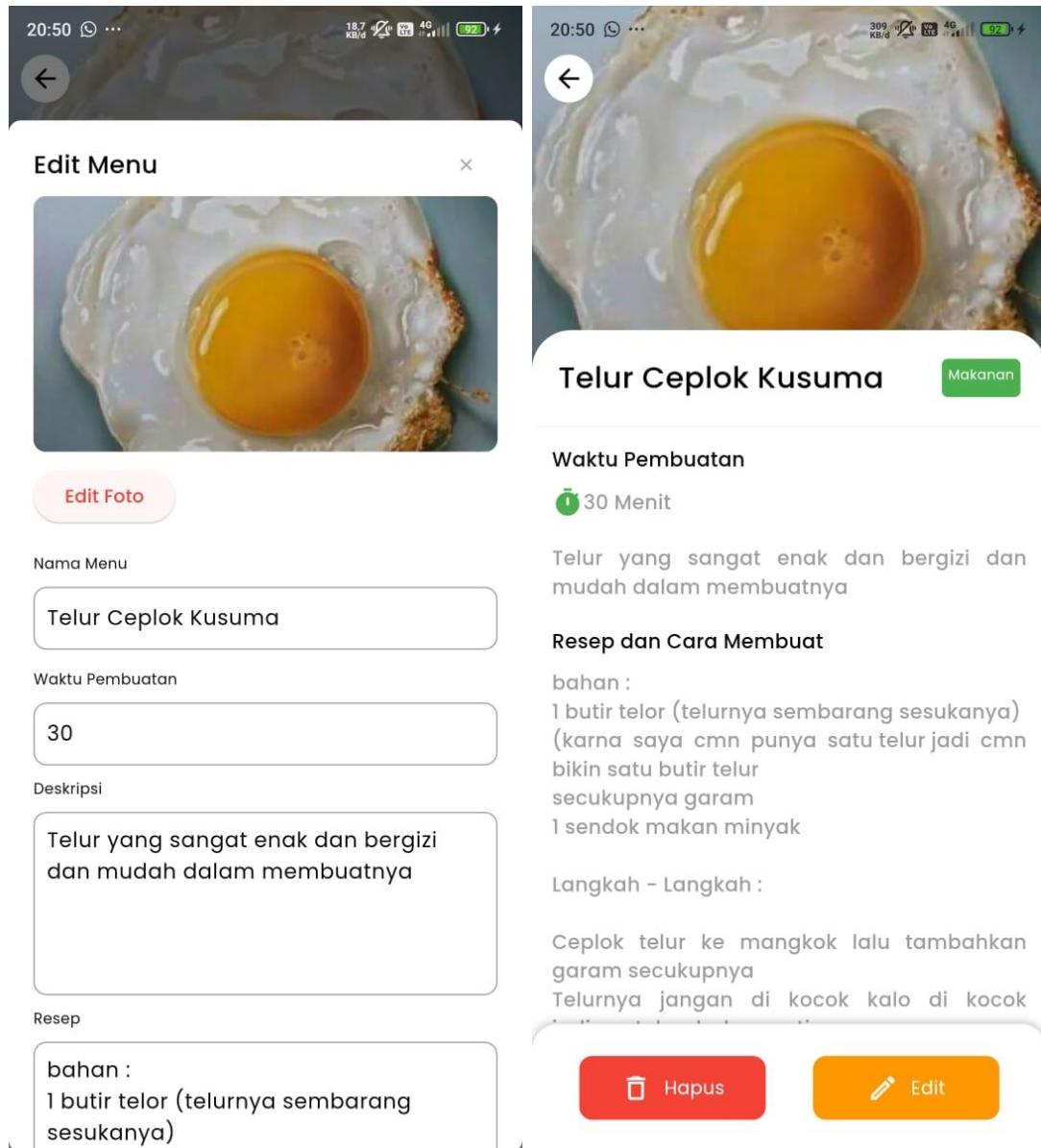
1 butir telor (telurnya sembarang sesukanya)
(karna saya cmn punya satu telur jadi cmn
bikin satu butir telur
secukupnya garam
1 sendok makan minyak

Langkah - Langkah :

Ceplok telur ke mangkok lalu tambahkan
garam secukupnya
Telurnya jangan di kocok kalo di kocok



5. Kemudian jika klik ikon edit maka akan masuk ke menu edit , disini mencoba mengganti nama dan waktu dan pada detaipun juga berganti

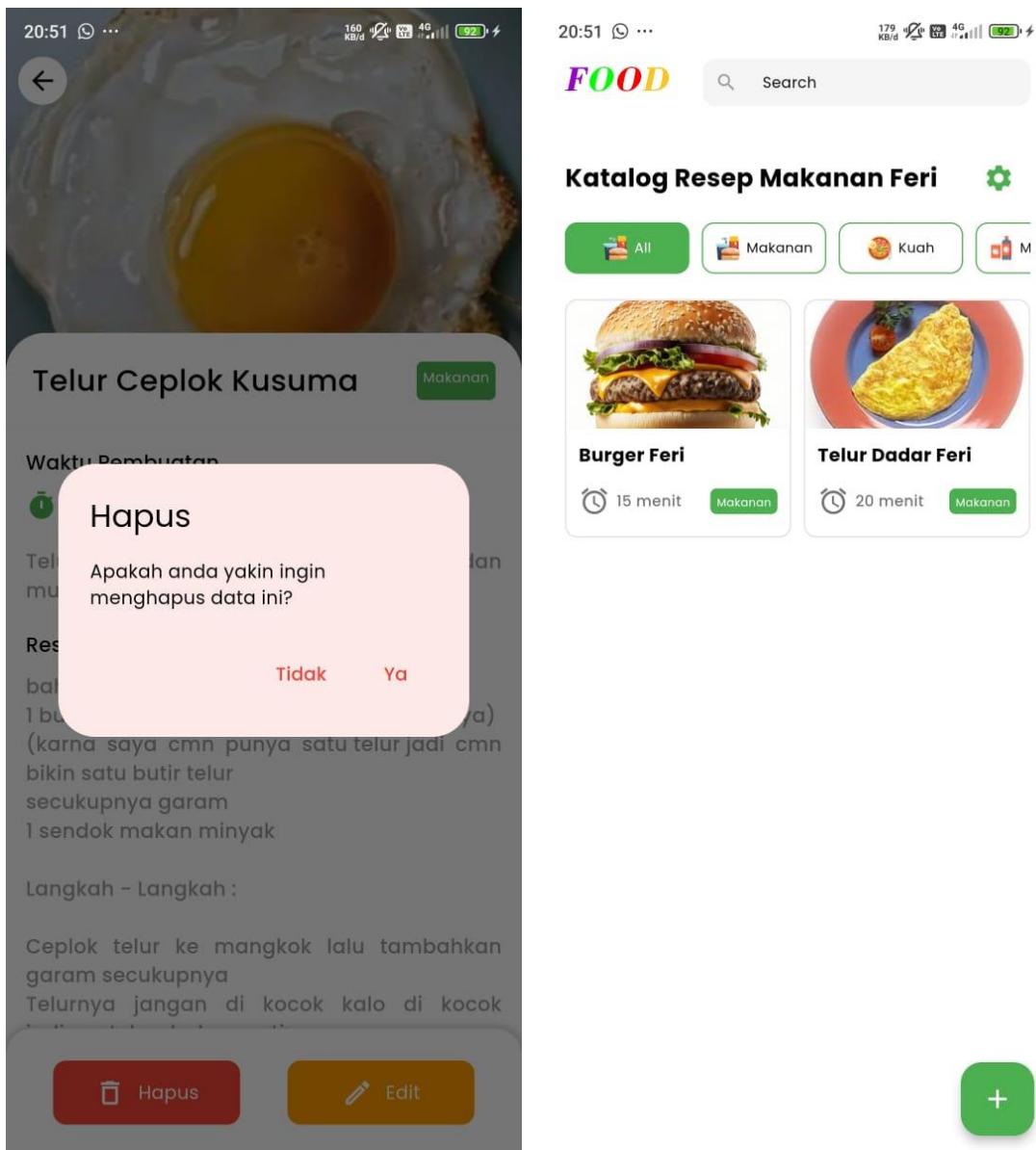


6. Kemudian pada firestore database pun juga berganti

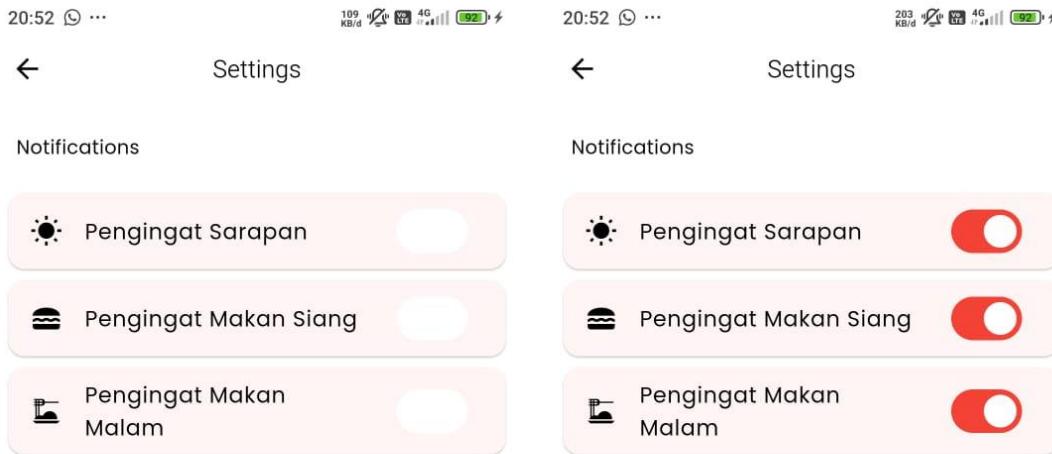
The screenshot shows the Firebase Cloud Firestore interface. On the left, the sidebar has 'Firestore Database' selected under 'Project Overview'. The main area shows a document in the 'Food' collection with the ID 'hh1MB5Hee56q'. The document contains the following data:

```
{
  "Food": {
    "49iXGGoirhGDqDbcQ5VI": {
      "SATE8zyaVMy52Gp5Soop": {
        "hh1MB5Hee56qUU4x0oYb": {
          "jenis": "Makanan",
          "nama": "Telur Ceplok Kusuma",
          "resep": "bahan : 1 butir telur (telurnya sembarang sesukanya)\n(karna saya cmn punya satu telur jadi cmn bikin satu\nbutir telur secukupnya garam 1 sendok makan minyak\nLangkah - Langkah : Ceplok telur ke mangkok lalu\ntambahkan garam secukupnya Telurnya jangan di\nkocok kalo di kocok jadinya telur dadar nanti Panaskan\nminyak di wajan dengan api sedang Setelah minyak\npanas masukan telur yg sudah di beri garam tadi ke\nwajan Goreng kurang lebih 2menit dan cara gorengnya\nterserah mau di balik atau tidak dan matang atau\nsetengah matang",
          "waktu_pembuatan": 30
        }
      }
    }
  }
}
```

7. Kemudian coba untuk klik button hapus maka akan ada pop up konfirmasi kemudian jika klik maka akan otomatis hilang pada aplikasi maupun firestore



8. Kemudian pada menu home jika klik icon setting maka akan masuk ke menu setting dan disini berisi pengingat dari sarapan , makan siang dan makan malam dan jika di aktifkan maka akan ada snackbar seperti dibawah ini



Berhasil

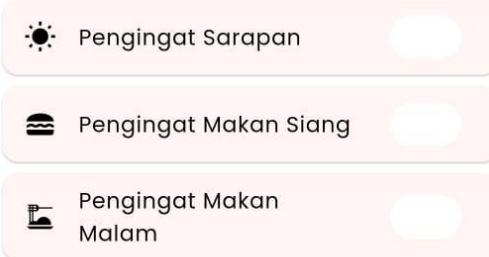
Pengingat sarapan berhasil diaktifkan

9. Jika di nonaktifkan maka juga akan ada snackbar seperti dibawah ini

20:53 ⌂ ... KB/d 4G 100%

← Settings

Notifications



Berhasil

Pengingat makan siang berhasil dinonaktifkan