

Nama : Sherli Ameilia H

Nim : 2003040134

UJIAN AKHIR SEMESTER PEMROGRAMMAN APLIKASI MOBILE C2

Aplikasi Menghitung Kalori

A. Aplikasi Menghitung Kalori

Merupakan aplikasi kalkulator BMR atau Kalkulator Tingkat Metabolik Basal untuk mengetahui jumlah minimum energi yang dibutuhkan oleh kita. Menurut WHO, FAO, dan UNU, nilai BMR bisa didapatkan dengan memperhatikan umur, jenis kelamin, dan berat badan (BB).

B. Fitur Aplikasi

Fitur pada aplikasi menghitung kalori ini terdiri dari:

- Kalkulator menghitung kalori
- Profile
- Deskripsi kalkulator

C. Penggunaan Aplikasi

- User meng-inputkan usia
- User meng-inputkan berat badan saat ini
- User menentukan tinggi badannya
- User memilih gender
- Setelah user input usia, berat badan, tinggi badan maka user dapat menghitung kalori yang dibutuhkan dengan cara klik button 'Hitung Kalori'.

D. Program Rancang Aplikasi

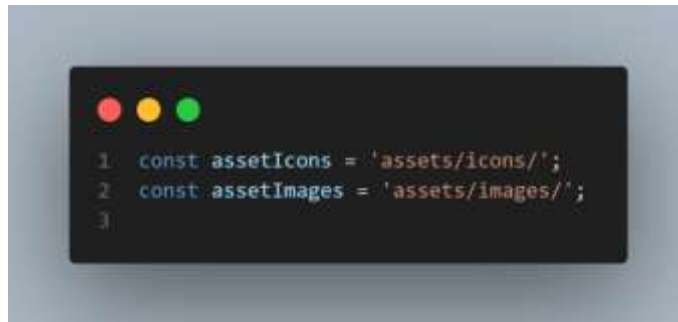
1. Main.dart



```
1 import 'package:flutter/material.dart';
2 import 'screens/home.dart';
3 import 'theme/custom_theme.dart';
4
5 void main() {
6   runApp(const App());
7 }
8
9 class App extends StatelessWidget {
10   const App({super.key});
11
12   @override
13   Widget build(BuildContext context) {
14     return MaterialApp(
15       theme: CustomTheme(),
16       initialRoute: '/',
17       routes: {
18         '/': (context) => const HomeScreen(),
19       },
20     );
21   }
22 }
```

2. Membuat folder oke, yang terdi dari:

- Constant.dart



drawer_widget.dart



3. Folder screens yang terdiri dari
Description_screen.dart



home.dart



Profile_screen.dart

```

1  import {pageProps, useRouter, useSearchParams} from 'next/navigation';
2
3  export type Props = {
4    searchParams: {
5      [key: string]: string | string[] | undefined;
6    };
7  };
8
9  @override
10 widget build(BuildContext context) {
11   return Scaffold(
12     appBar: AppBar(
13       title: const Text('Profile'),
14     ),
15     // Body: Padding(
16     padding: const EdgeInsets.all(16),
17     child: Column(
18       children: [
19         Container(
20           width: double.infinity,
21           height: double.infinity,
22           decoration: BoxDecoration(
23             image: DecorationImage(
24               image: AssetImage('assets/images/profile-pic.png'),
25               fit: BoxFit.cover,
26             ),
27           ),
28         ),
29         const Card(
30           child: Text('Name'),
31         ),
32         const Card(
33           child: Text('Email'),
34         ),
35         const Card(
36           child: Text('Phone'),
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38         const Card(
39           child: Text('Address'),
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41         const Card(
42           child: Text('Bio'),
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44         const Card(
45           child: Text('Followers'),
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48           child: Text('Following'),
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54           child: Text('Replies'),
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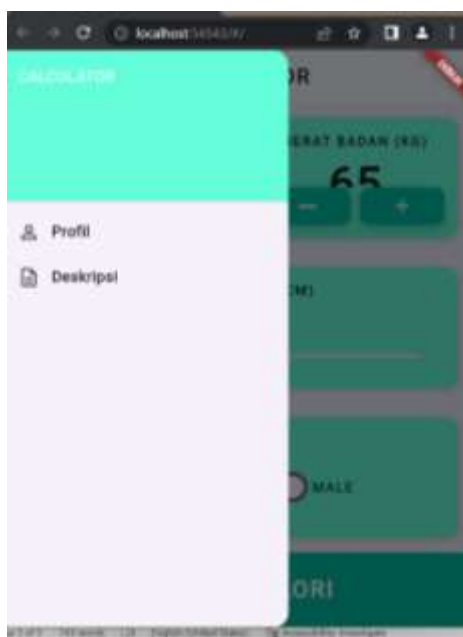
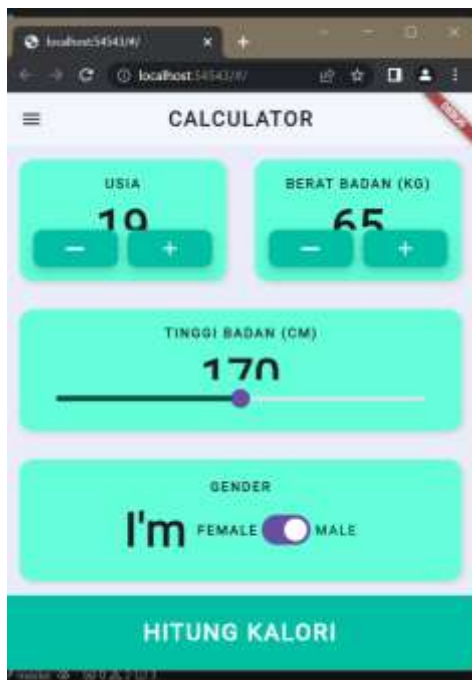
Result.dart

```

1  #!/usr/bin/perl -w
2  use strict;
3  use warnings;
4  use Getopt::Long qw(:config no_ignore_case);
5  use File::Find;
6  use File::Glob;
7  use File::Copy;
8  use File::Path;
9  use File::Stat;
10 use File::Basename;
11 use File::Temp;
12 use File::ShareDir;
13 use File::Spec;
14 use File::Glob;
15 use File::Copy;
16 use File::Path;
17 use File::Stat;
18 use File::Basename;
19 use File::Temp;
20 use File::ShareDir;
21 use File::Spec;
22 use File::Glob;
23 use File::Copy;
24 use File::Path;
25 use File::Stat;
26 use File::Basename;
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38 use File::Glob;
39 use File::Copy;
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44 use File::ShareDir;
45 use File::Spec;
46 use File::Glob;
47 use File::Copy;
48 use File::Path;
49 use File::Stat;
50 use File::Basename;
51 use File::Temp;
52 use File::ShareDir;
53 use File::Spec;
54 use File::Glob;
55 use File::Copy;
56 use File::Path;
57 use File::Stat;
58 use File::Basename;
59 use File::Temp;
60 use File::ShareDir;
61 use File::Spec;
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66 use File::Basename;
67 use File::Temp;
68 use File::ShareDir;
69 use File::Spec;
70 use File::Glob;
71 use File::Copy;
72 use File::Path;
73 use File::Stat;
74 use File::Basename;
75 use File::Temp;
76 use File::ShareDir;
77 use File::Spec;
78 use File::Glob;
79 use File::Copy;
80 use File::Path;
81 use File::Stat;
82 use File::Basename;
83 use File::Temp;
84 use File::ShareDir;
85 use File::Spec;
86 use File::Glob;
87 use File::Copy;
88 use File::Path;
89 use File::Stat;
90 use File::Basename;
91 use File::Temp;
92 use File::ShareDir;
93 use File::Spec;
94 use File::Glob;
95 use File::Copy;
96 use File::Path;
97 use File::Stat;
98 use File::Basename;
99 use File::Temp;
100 use File::ShareDir;

```

Tampilan Aplikasi



LINK GITHUB : [ameiliafi7/PerhitunganKalori \(github.com\)](https://github.com/ameiliafi7/PerhitunganKalori)